Stretto di Messina

Concessionaria per la progettazione, realizzazione e gestione del collegamento stabile tra la Sicilia e il Continente Organismo di Diritto Pubblico
(Legge n° 1158 del 17 dicembre 1971, modificata dal D.Lgs. n°114 del 24 aprile 2003)

EurolinK

PONTE SULLO STRETTO DI MESSINA

PROGETTO DEFINITIVO

EUROLINK S.C.p.A.

IMPREGILO S.p.A. (MANDATARIA)
SOCIETÀ ITALIANA PER CONDOTTE D'ACQUA S.p.A. (MANDANTE)
COOPERATIVA MURATORI E CEMENTISTI - C.M.C. DI RAVENNA SOC. COOP. A.R.L. (MANDANTE)
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ISHIKAWAJIMA - HARIMA HEAVY INDUSTRIES CO. LTD (MANDANTE)
A.C.I. S.C.P.A. - CONSORZIO STABILE (MANDANTE)

IL PROGETTISTA	IL CONTRAENTE GENERALE	STRETTO DI MESSINA	STRETTO DI MESSINA
SINA Dott. Ing. F. Colla Ordine Ingegneri Milano n° 20355 Dott. Ing. E. Pagani Ordine Ingegneri Milano n° 15408 EurolinK	Project Manager (Ing. P.P. Marcheselli)	Direttore Generale e RUP Validazione (Ing. G. Fiammenghi)	Amministratore Delegato (Dott. P. Ciucci)

Unità Funzionale	COLLEGAMENTI SICILIA	SS0953_F0
Tipo di sistema	INFRASTRUTTURE STRADALI OPERE CIVILI	
Raggruppamento di opere/attività	PIAZZALE DI ESAZIONE	
Opera - tratto d'opera - parte d'opera	GENERALE	
Titolo del documento	PENSILINA ISOLE – RELAZIONE DI CALCOLO E VERIFICHE GEOTECNICHE	

CODICE: C G 0 7 0 0 P C L D S S C P 0 G 0 0 0 0 0 0 0 0 0 1 F0

REV	DATA	DESCRIZIONE	REDATTO	VERIFICATO	APPROVATO
F0	20/06/2011	EMISSIONE FINALE	E.PASSADORE	G.SCIUTO	F.COLLA

NOME DEL FILE: SS0953_F0.doc revisione interna:_

INDICE

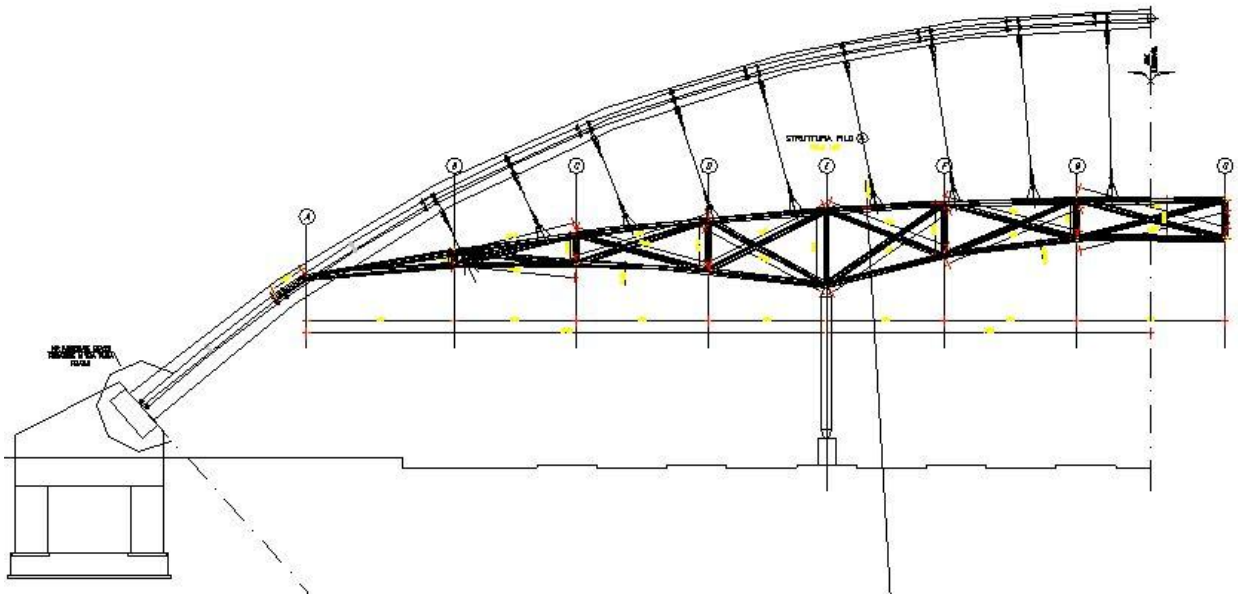
PREMESSA

Nella presente relazione di calcolo sono sviluppati i calcoli di dimensionamento della pensilina prevista per il l casello sulla sponda Siciliana del Ponte sullo Stretto di Messina.

La struttura possiede un andamento ad arco circolare e risulta costituita da profili in acciaio a sezione circolare cava con elementi di caratteristiche pari a :

Tubi circolari ϕ 406.4/ 16 mm	Profili doppi all'incastro arco
Tubi circolari ϕ 406.4/ 9 mm	Profili singoli parte centrale arco
Tubi circolari ϕ 244.6/ 8 mm	Profili copertura pensilina
Tubi circolari ϕ 508 / 12.5 mm	Profili puntoni pilastri intermedi
Cavi ϕ 30 mm	Pendini di sospensione copertura

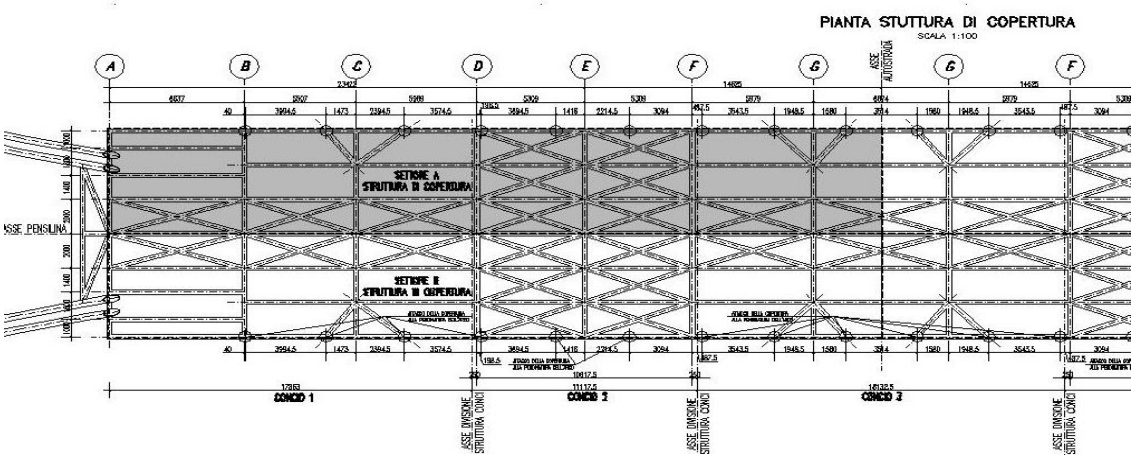
La immagini che rappresentano la struttura in disamina sono :

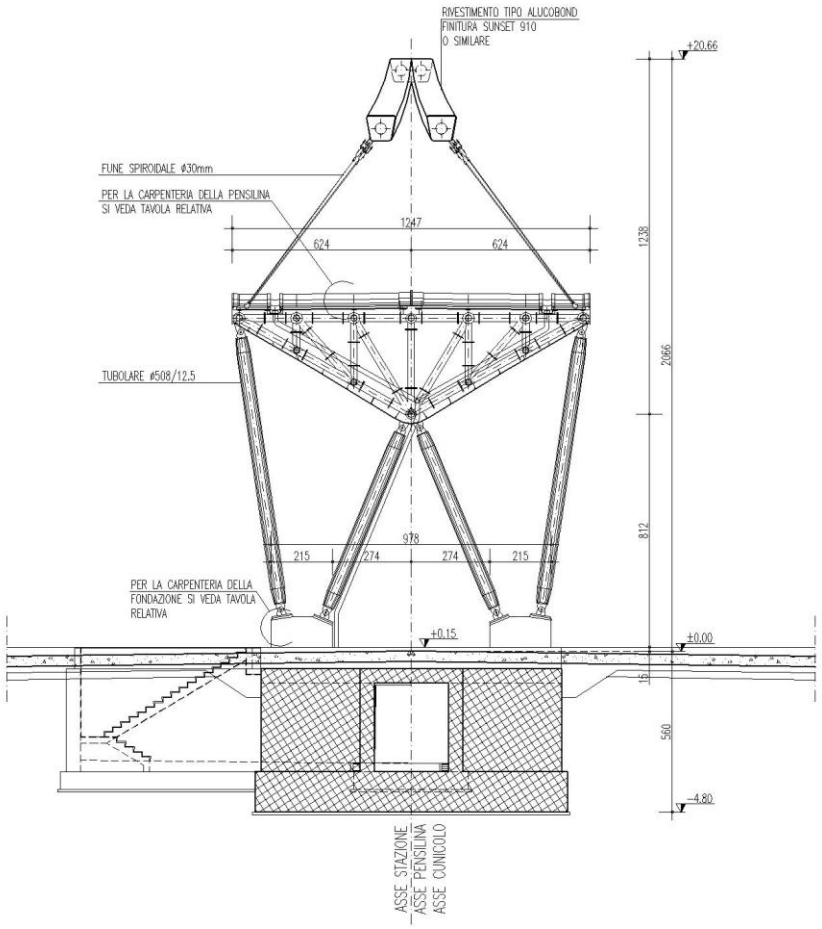


SEZIONE LONGITUDINALE

PIANTA

COPERTURA





SEZIONE TRASVERSALE

1 RIFERIMENTI NORMATIVI

- Eurocodice 1 (ENV 1991) - ”Basi del progetto e azioni sulle strutture”.
- Legge n°64 del 2 Febbraio 1974 - “Provvedimenti per le costruzioni con particolari prescrizioni per le zone sismiche”.
- Legge n°219 del 14 Maggio 1981 - ”Istruzioni per l’applicazione della normativa tecnica per la riparazione ed il rafforzamento degli edifici danneggiati dal sisma”.
- D.M. 20 Novembre 1987 - ”Norme tecniche per la progettazione, l’esecuzione e il collaudo degli edifici in muratura e per il loro consolidamento”.
- D.M. 14 Febbraio 1992 - “Norme tecniche per il calcolo, l’esecuzione ed il collaudo delle strutture di cemento armato normale e precompresso e per le strutture metalliche”.
- D.M. 9 Gennaio 1996 - “Norme tecniche per il calcolo, l’esecuzione ed il collaudo delle strutture in cemento armato normale e precompresso e per le strutture metalliche”.
- D.M. 16 Gennaio 1996 - “Norme Tecniche relative ai “Criteri generali per la verifica di sicurezza delle costruzioni e dei carichi e sovraccarichi”.
- D.M. 16 Gennaio 1996 - “Norme Tecniche per le costruzioni in zone sismiche”.
- Circolare Ministero dei Lavori Pubblici del 4 Luglio 1996 - ”Istruzioni per l'applicazione delle « norme tecniche relative ai criteri generali per la verifica di sicurezza delle costruzioni e dei carichi e sovraccarichi» di cui al decreto ministeriale 16 gennaio 1996”.
- Circolare Ministero dei Lavori Pubblici n°252 del 15 Ottobre 1996 - “Istruzioni per l’applicazione delle Norme Tecniche di cui al D.M. 9 gennaio 1996”.
- Circolare Ministero dei Lavori Pubblici n°65 del 10 Aprile 1997 - “Istruzioni per l’applicazione delle Norme Tecniche per le costruzioni in zone sismiche di cui al D.M. 16 gennaio 1996”.
- Ordinanza ministeriale 3274 del 20 Marzo 2003 - ”Criteri per l'individuazione delle zone sismiche - Individuazione, formazione ed aggiornamento degli elenchi nelle medesime zone”.
- Ordinanza ministeriale 3274 del 20 Marzo 2003 - ”Primi elementi in materia di criteri generali per la classificazione sismica del territorio nazionale e di normativa tecniche per le costruzioni in zona sismica: norme tecniche per il progetto, la valutazione e l'adeguamento sismico degli edifici.”
- Ordinanza ministeriale 3316 del 2 Marzo 2003 - ”Modifiche ed integrazioni all’ordinanza del Presidente del Consiglio dei Ministri n°3274 del 20/3/2003”
- Ordinanza ministeriale 3333 del 23 Gennaio 2004 - ”Disposizioni urgenti di protezione civile”

- G.U. 222 23/9/2005 - “Norme tecniche per le costruzioni”
- D.M. 14 Gennaio 2008 - “Norme Tecniche per le costruzioni”.
- Circolare Ministero delle Infrastrutture e dei Trasporti n°617 del 2 Febbraio 2009 - “Istruzioni per l’applicazione delle Nuove Norme Tecniche per le costruzioni di cui al D.M. 14 gennaio 2008”.
- Criteri di progettazione EUROLINK in rev. 6

2 CARATTERISTICHE MATERIALI

Si riportano di seguito le principali caratteristiche dei materiali adottati per le opere in progetto:

CALCESTRUZZO STRUTTURE DI FONDAZIONE E DI ELEVAZIONE

Calcestruzzo: **$R_{ck} \geq 35$ MPa**

$f_{ck} = 0.83R_{ck} =$ 29.05 MPa

$f_{ctm} = 0.30f_{ck}^{2/3} =$ 2.83 MPa

$f_{ctk} = 0.70f_{ctm} =$ 1.98 MPa

$f_{cfm} = 1.20f_{ctm} =$ 3.40 Mpa

$E =$ 33721 MPa

ACCIAIO PER GETTI CONGLOMERATO ARMATO

(B450C)

$f_{yk} =$ 430 MPa

$f_{tk} =$ 530 MPa

ACCIAIO PER CARPENTERIE METALLICHE

Tutti i profili in acciaio saranno di classe S35 con le seguenti caratteristiche:

Tensione caratteristica di snervamento	fyk = 355 MPa
Tensione caratteristica di rottura	ftk = 510 MPa
Modulo elastico	E = 210000 MPa
Densità	γ = 78,50 kN/m^3
Resistenza di calcolo delle membrature	$f_{yd} = f_{yk} / \gamma_{m,i}$

dove γ_m rappresenta il “fattore parziale globale relativo al modello di resistenza adottato” il cui valore è riportato in tabella; per ogni altra delucidazione il riferimento va al § 4.2.4.1 di cui al D.M. 14-01-2008.

- **Bulloni per carpenteria metallica del tipo "normali"**

Classe vite	10.9
Classe dado	10
Tensione di snervamento	f_{yb} = 900 MPa
Tensione di rottura	f_{tb} = 1000 MPa

3 DESCRIZIONE DELLA STRUTTURA

Viene modellata la struttura che comprende gli elementi in elevazione – pilastri, setti e puntoni in acciaio – e la struttura di copertura realizzata tramite una struttura reticolare con elementi controventati in tubolari metallici. Si adotta un'analisi tridimensionale utilizzando una modellazione a elementi finiti mediante il programma di calcolo SAP2000 v9.03. Gli elementi in elevazione saranno schematizzati tramite elementi di tipo trave, mentre per l'inserimento dei carichi sulla copertura saranno introdotti elementi piastra di spessore infinitesimo.

3.1 CARATTERISTICHE GEOMETRICHE E UBICAZIONE DELLA STRUTTURA

L'arco possiede un raggio caratteristico di 68 m e si sviluppa per circa 100 m, rispetto al piano viario ha una freccia verticale di circa 20 m, mentre la copertura è posta a circa 12 m dalla pavimentazione.

3.2 CARATTERIZZAZIONE GEOTECNICA DEL LUOGO

In sicurezza per la valutazione dell'angolo di attrito del terreno, la dove si è riscontrata discordanza tra i valori indicati nei documenti della caratterizzazione geologica del tracciato stradale e i sondaggi di riferimento per le cabine, si è provveduto a calcolare tale parametro con il metodo di correlazione diretta RBS (Road Bridge Specification) adottando il valore più basso tra i due.
Il metodo RBS si basa sulla seguente relazione:

$\phi' = \sqrt{(15 * N_{NORM})} + 15$

dove N_{NORM} è il numero di colpi normalizzato.
I valori di N_{SPT} sono normalizzati per tener conto dell'influenza della pressione del terreno sovrastante, riferendoli ad un valore unitario della tensione verticale efficace, mediante l'espressione:

$N_{NORM} = C_N * N_{SPT}$

dove:

- N_{SPT} è il numero dei colpi misurato con la prova standard;
- N_{NORM} è il valore di N riferito a σ'v= 100kPa;
- C_N è un coefficiente di correzione dipendente dal valore della tensione verticale efficacie σ'v0 (Liao e Whitman, 1986):

$C_N = (Pa/\sigma'v0)^{0,5}$

con Pa=100 kPa

Tipo di terreno:	sabbie e ghiaie di messina
Categoria	C
peso specifico	γ = 18.0 kN/mc
angolo d'attrito	ϕ = 23° da calcolo RBS-su dati sondaggio S408
falda	assente

3.3 CARATTERIZZAZIONE DELLA SISMICITA' DEL LUOGO

Per il calcolo delle azioni sulla struttura derivanti da un evento sismico si adotterà il metodo dell'analisi dinamica modale.

Le azioni sismiche di progetto, in base alle quali valutare il rispetto dei diversi stati limite, si definiscono a partire dalla "pericolosità sismica di base" del sito di costruzione.

La pericolosità sismica è definita in termini di accelerazione orizzontale massima attesa ag in condizioni di campo libero su sito di riferimento rigido con superficie topografica orizzontale di categoria A, nonché di ordinate dello spettro di risposta elastico in accelerazione ad essa corrispondente Se(T) con riferimento a prefissate probabilità di eccedenza P_{V_R} nel periodo di riferimento VR.

Ai fini della presente normativa le forme spettrali sono definite, per ciascuno degli stati limite, a partire dal valore dei seguenti parametri su sito di riferimento rigido orizzontale:

a_g	accelerazione orizzontale massima al sito
Fo	valore massimo del fattore di amplificazione dello spettro in accelerazione orizzontale
T_C^*	periodo di inizio del tratto a velocità costante dello spettro in accelerazione orizzontale.

Sulla base della posizione del comune di Messina (long. 15.5505; lat. 38.1943), risultano i seguenti parametri.

T_R (anni)	a_g [g]	F_o	Tc^*
30	0.061	2.364	0.277
50	0.081	2.318	0.294
72	0.099	2.305	0.312
101	0.118	2.319	0.319
140	0.139	2.343	0.326
201	0.166	2.361	0.334
475	0.247	2.411	0.359
975	0.336	2.446	0.384
2475	0.482	2.491	0.432

Per le strutture in esame è considerato anche il sisma verticale.

Vita nominale, classi d'uso e periodo di riferimento

Per gli edifici in esame si assume una vita nominale VN, intesa come il numero di anni nel quale la struttura deve poter essere usata per lo scopo al quale è destinata, pari a 100 anni.

Gli edifici in esame, secondo la normativa vigente, appartengono alla classe d'uso IV.

Le azioni sismiche vengono valutate in relazione ad un periodo di riferimento

VR = $V_N \cdot C_U$

Per edifici appartenenti alla classe IV si ha CU = 2.0.

Stati limite e relative probabilità di superamento

Per le strutture in esame si richiede l'analisi dei seguenti stati limite:

Stato limite di danno (SLD) come stato limite di esercizio

Stato limite di salvaguardia della vita (SLV) come stato limite ultimo

Con lo stato limite di danno si intende verificare che la costruzione nel suo complesso, a seguito del terremoto, subisce danni tali da non mettere a rischio gli utenti e da non compromettere significativamente la capacità di resistenza e rigidezza nei confronti delle azioni verticali e orizzontali.

Con lo stato limite di salvaguardia della vita si intende verificare che la struttura, a seguito del terremoto, pur subendo significativi danni dei componenti strutturali a cui si associa una perdita di rigidezza nei confronti delle azioni orizzontali, conservi una parte della resistenza e della rigidezza nei confronti delle azioni verticali e un margine di sicurezza nei confronti del collasso per azioni sismiche orizzontali.

La probabilità di superamento nel periodo di riferimento P_{V_R}, cui riferirsi per individuare l'azione sismica agente in ciascuno degli stati limite considerati sono:
3

SLD	63%
SLV	10%

Per la struttura in esame allo stato limite di danno risulta associato un periodo di ritorno TR = 50 anni. Per lo stato limite di salvaguardia della vita invece un periodo di ritorno TR = 712 anni. Si rimanda al paragrafo precedente per il valore dei parametri associati a questi periodi di ritorno.

Categorie di sottosuolo e condizioni topografiche

Categoria di sottosuolo	C
Condizioni topografiche	T1

Spettro di risposta elastico in accelerazioni delle componenti orizzontali

Lo spettro di risposta elastico in accelerazione delle componenti orizzontali è definito dalle seguenti espressioni:

0≤T<TB $$S_e(T) = a_g \cdot S \cdot \frac{1}{q} \cdot F_o \cdot \left[\frac{T}{T_B} + \frac{1}{\eta \cdot F_o} \left(1 - \frac{T}{T_B} \right) \right]$$

TB≤T<TC $$S_e(T) = a_g \cdot S \cdot \frac{1}{q} \cdot F_o$$

TC≤T<TD $$S_e(T) = a_g \cdot S \cdot \frac{1}{q} \cdot F_o \cdot \left(\frac{T}{T_C} \right)$$

TD≤T $$S_e(T) = a_g \cdot S \cdot \frac{1}{q} \cdot F_o \cdot \left(\frac{T_C}{T_D} \right)$$

Nelle quali T ed Se sono, rispettivamente, periodo di vibrazione ed accelerazione spettrale orizzontale. Inoltre:

- S è il coefficiente che tiene conto della categoria di sottosuolo e delle condizioni topografiche mediante la relazione seguente:

  S = $S_S \cdot S_T$

  essendo SS il coefficiente di amplificazione stratigrafica e ST il coefficiente di amplificazione topografica;
- Il fattore di struttura q è un fattore riduttivo delle forze elastiche che tiene conto delle capacità dissipative delle strutture ed è funzione dei materiali impiegati e delle tipologie strutturali;
- Tc è il periodo corrispondente all'inizio del tratto a velocità costante dello spettro, dato da

  TC = $C_C \cdot T_C^*$

  Dove C_C è un coefficiente funzione della categoria del sottosuolo
- TB è il periodo corrispondente all'inizio del tratto a spostamento costante dello spettro, espresso in secondi mediante la relazione:

$$TD = 4 \cdot \frac{a_g}{g} + 1.6$$

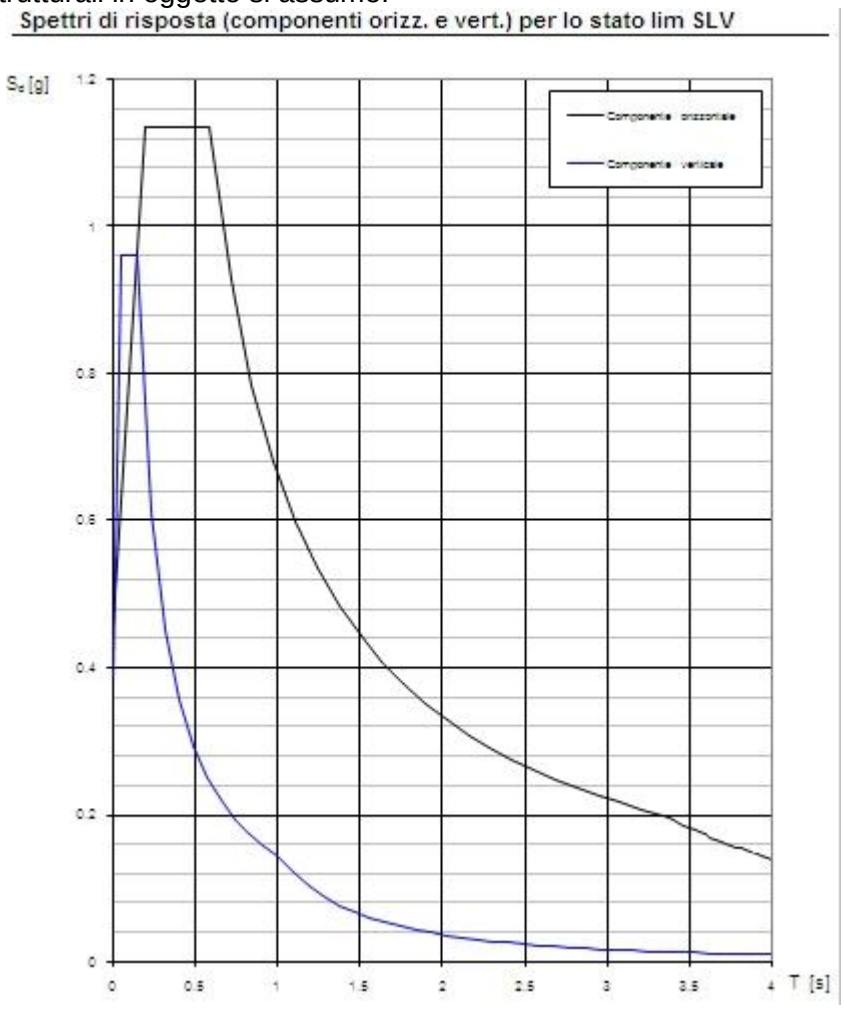
Amplificazione stratigrafica

Per suoli di categoria C i coefficienti SS e CC si calcolano, in funzione dei valori di Fo e T_C^* relativi al sottosuolo di categoria A.

Amplificazione topografica

Per categoria topografica T1 si assume ST = 1.

Per le tipologie strutturali in oggetto si assume:



STRUTTURE IN ACCIAIO q=1

3.4 CRITERI GENERALI DI PROGETTAZIONE

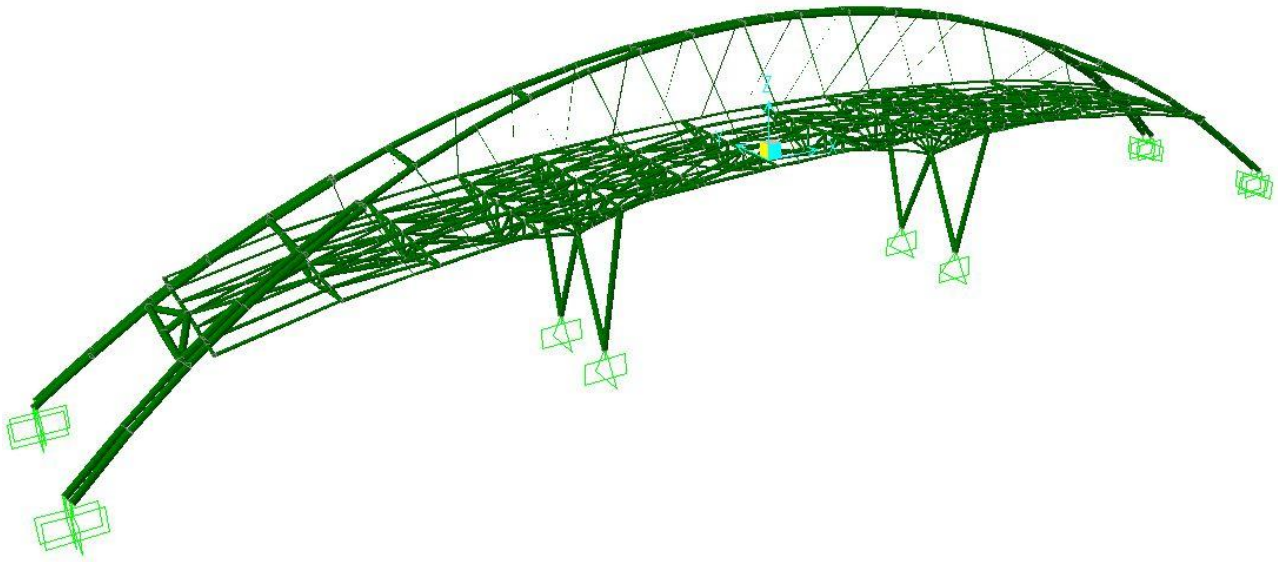
Per tutte le analisi si è utilizzato il metodo agli “Stati Limite” così come previsto dalla più recente normativa in materia. Si è assunto quindi come principale riferimento normativo il Nuovo Testo Unico sulle Costruzioni come da D.M. del 14-01-2008.

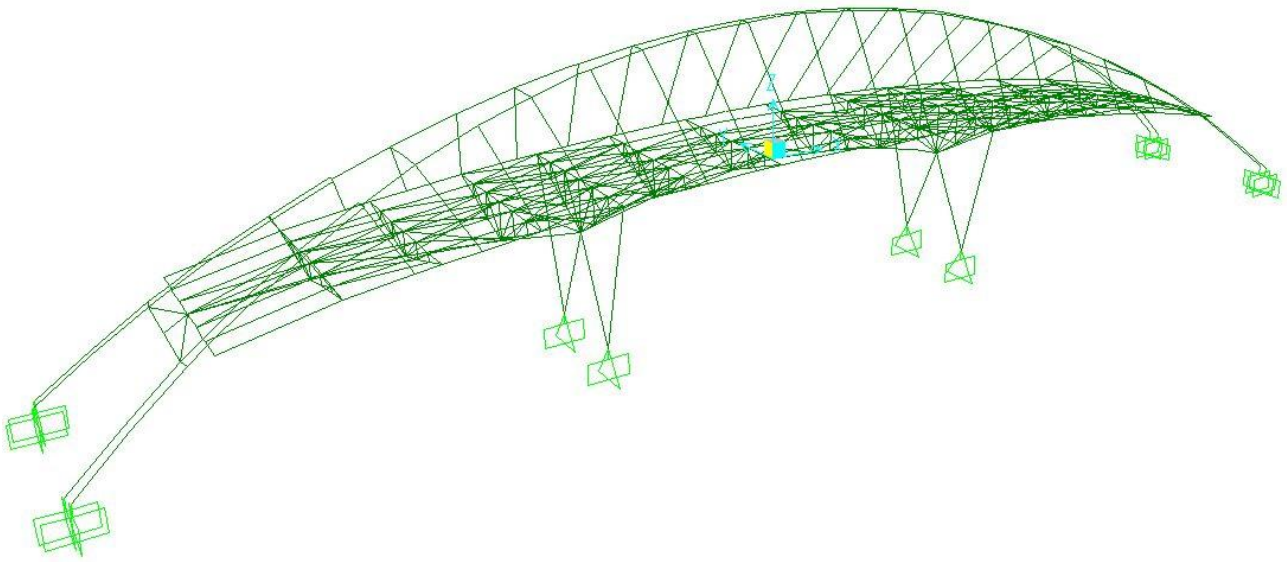
4 ELABORATI DI RIFERIMENTO

CG0700PPADSSCP0G000000001B.DWG
CG0700PPADSSCP0G000000004BDWG
CG0700PBBDSSCP0G000000001B.DWG
CG0700PBBDSSCP0G000000005B.DWG
CG0700PBBDSSCP0G000000002B.DWG
CG0700PBBDSSCP0G000000003B.DWG
CG0700PBBDSSCP0G000000007A.DWG
CG0700PBBDSSCP0G000000004B.DWG
CG0700PBBDSSCP0G000000006B.DWG
CG0700PBBDSSCP0G000000008A.DWG
CG0700PD9DSSCP0G000000001A.DWG

5 ANALISI STRUTTURA PENSILINA

Viene analizzata la struttura riportata nelle immagini sottostanti.





5.1 ANALISI DEI CARICHI

La struttura è costituita da elementi in acciaio, per i quali i pesi vengono determinati automaticamente dal programma di calcolo sulla base delle caratteristiche dei materiali e della geometria della struttura.

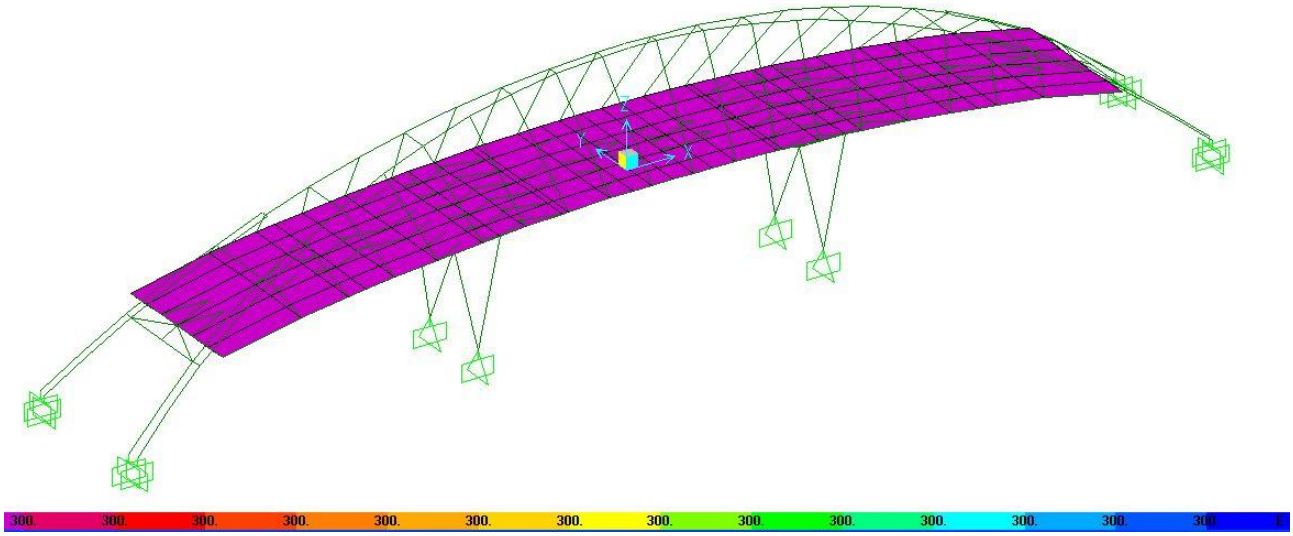
Quali carichi permanenti portati, si introdurrano i seguenti valori :

Copertura pensilina : p1 = 0.30 kN/mq

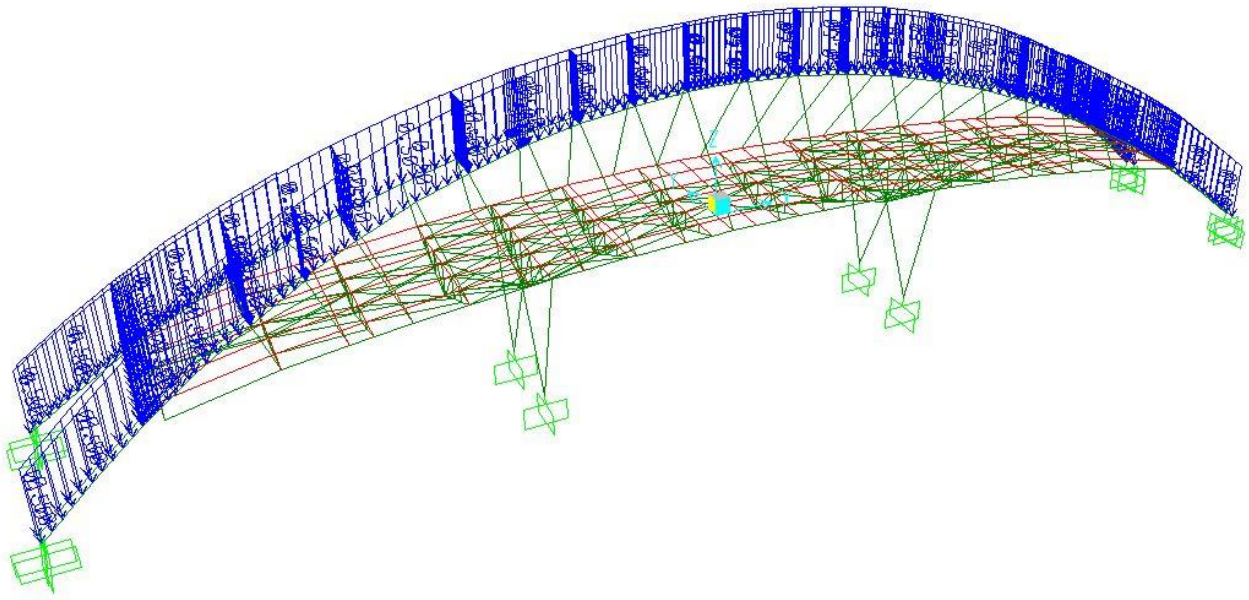
Carichi lineari su archi per rivestimento in alucubond : p2 = 0.50 kN/m

Le immagini che rappresentato i carichi introdotti sono :

CARICO SULLA COPERTURA (PORTATI)



CARICO SULLE ASTE (PORTATI)



Per l'azione del vento, considerando un'altezza di 12 m, si avrà :

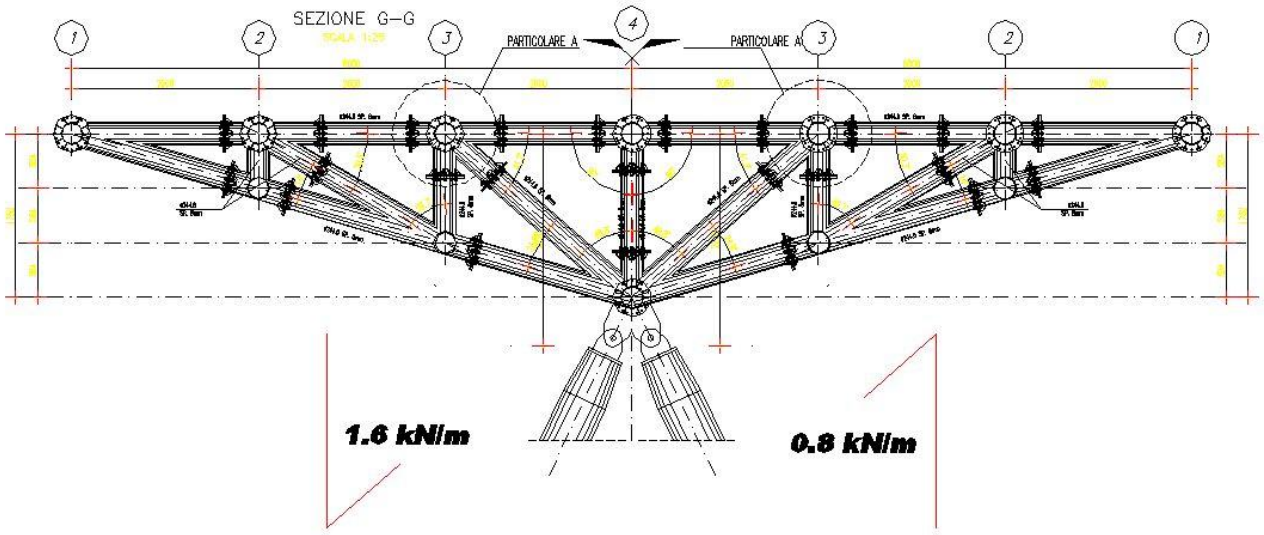
AZIONE DEL VENTO

V ref	28	m/s
Classe	1	
V r	28	m/s
Zona	1	
Rugosità	D	
Categoria	I	
k r	0.17	
z 0	0.01	m
z min	2	m
q b	0.49	kN/mq
c e , min	1.88	

Elevazione	C e	p
(m)	(cm)	(kN/mq)
0.800	1.8831	0.923
2.000	1.8831	0.923

2.935	2.0824	1.020
3.870	2.2314	1.093
4.805	2.3511	1.152
5.740	2.4514	1.201
12.000	2.8871	1.415

Si assume un valore massimo di 1.6 kN/mq; per il vento che spira in direzione trasversale (Y), il carico di riferimento è :



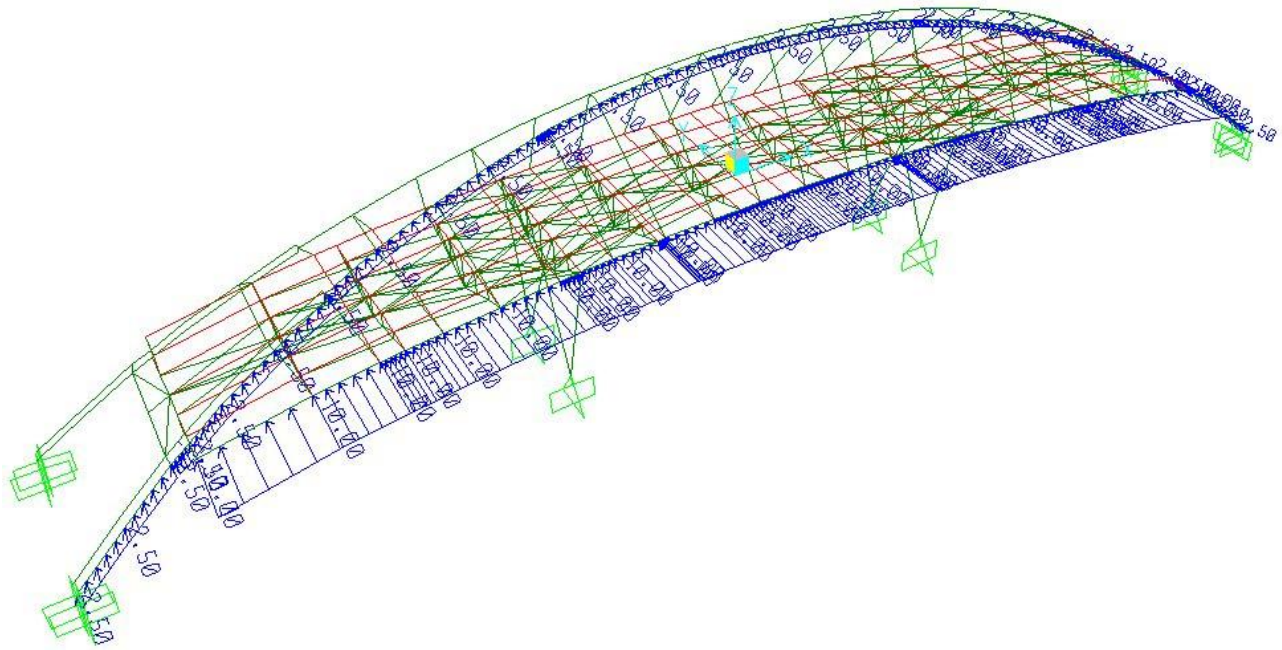
Per le superfici direttamente investite dal vento (fronte copertura ed arco si assume in sicurezza un valore di riferimento di 2.5 kN/m.

Copertura : pa = 4 m * 2.5 kN/mq = 10 kN/m

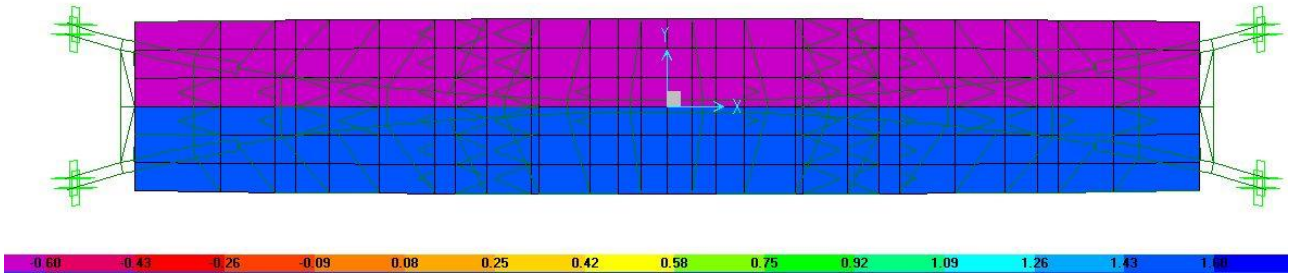
Archi : pb = 1 m * 2.5 kN/mq = 2.5 kN/m

Sulla strutture si avrà :

CARICO SULLE ASTE (VENTO Y)

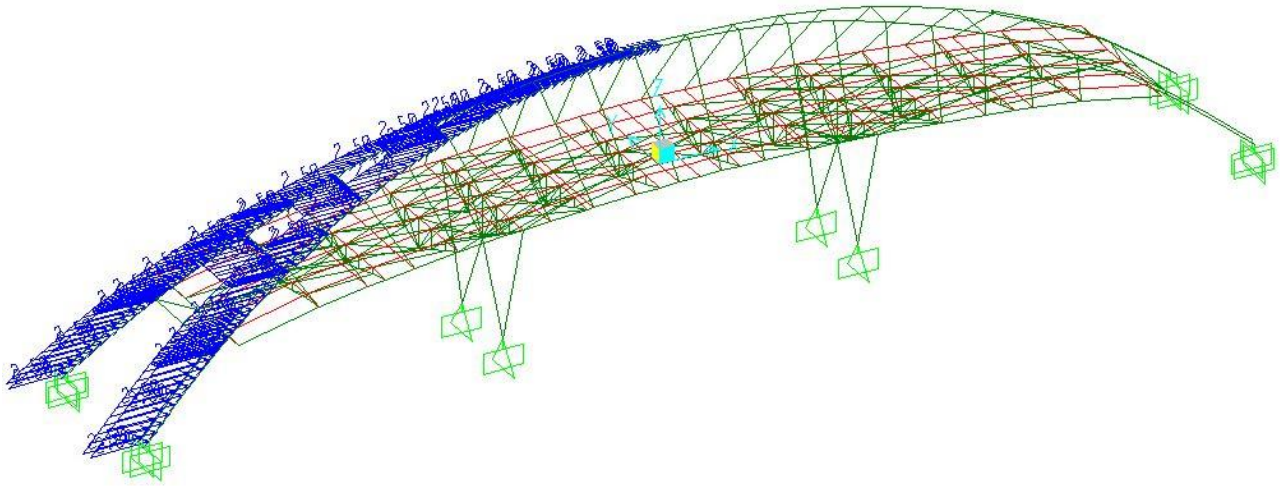


CARICO SULLA COPERTURA (VENTO Y)

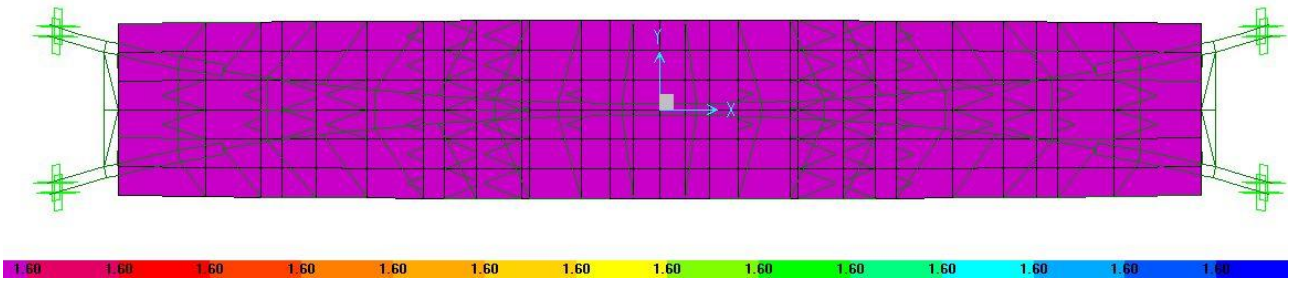


Per il vento in direzione longitudinale (X), i carichi introdotti sono :

CARICO SULLE ASTE (VENTO X)

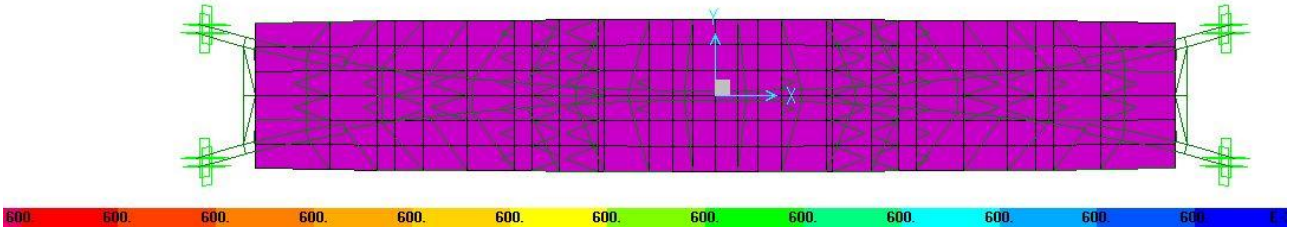


CARICO SULLA COPERTURA (VENTO X)



Per il carico della neve si adotterà un carico verticale pari a 0.6 kN/mq.

CARICO SULLA COPERTURA (NEVE)



Sulle aste si considereranno anche gli effetti della distorsione termica uniforme con valore di ± 25 °C.

Ai fini delle verifiche degli stati limite si definiscono le seguenti combinazioni delle azioni.

- Combinazione statica SLU:
$$\gamma_{G1} \cdot G_1 + \gamma_{G2} \cdot G_2 + \gamma_{Q1} \cdot Q_{k1} + \gamma_{Q2} \cdot \psi_{02} \cdot Q_{k2} + \gamma_{Q3} \cdot \psi_{03} \cdot Q_{k3}$$

- Combinazione statica rara SLE:
$$G_1 + G_2 + Q_{k1} + \psi_{02} \cdot Q_{k2} + \psi_{03} \cdot Q_{k3}$$

- Combinazione sismica SLU:
$$E + G_1 + G_2 + \psi_{21} \cdot Q_{k1} + \psi_{22} \cdot Q_{k2} + \psi_{03} \cdot Q_{23}$$

Nelle precedenti espressioni con G_1 si indica il peso proprio degli elementi strutturali, con G_2 il carico permanente portato, con Q_{ki} si indicano le azioni accidentali sulla struttura e con E l'azione sismica di progetto.

Le combinazioni prese in conto sono riepilogate nella seguente tabella :

Combinazione		PP	Portati	NEVE	ΔT	Vento X	Vento Y	Sisma X	Sisma Y	Sisma Z
SLU	Neve + ΔT	1.3	1.5	1.5	0.9	0	0	0	0	0
SLU	Neve	1.3	1.5	1.5	0	0	0	0	0	0
SLU	Vento X1	1.0	0.9	0	0.9	1.5	0	0	0	0
SLU	Vento X2	1.3	1.5	1.5	0.9	0.9	0	0	0	0
SLU	Vento X3	1.3	1.5	0	0.9	1.5	0	0	0	0
SLU	Vento Y1	1	0.9	0	0.9	0	1.5	0	0	0
SLU	Vento Y2	1.3	1.5	1.5	0.9	0	0.9	0	0	0
SLU	Vento Y3	1.3	1.5	0	0.9	0	1.5	0	0	0
SLV	Sisma X	1	1	0	0	0	0	1	0.3	0.3
SLV	Sisma Y	1	1	0	0	0	0	0.3	1	0.3

5.2 MODELLO DI CALCOLO

5.2.1 PROGRAMMA DI CALCOLO UTILIZZATO

Programma SAP2000 v9.03 della Computers & Structures di Berkeley CA (USA)

5.3 CALCOLO DELLE SOLLECITAZIONI

Le caratteristiche delle azioni sismiche sono :

M O D A L P E R I O D S A N D F R E Q U E N C I E S

CASE: MODAL

MODE	PERIOD (T)	FREQUENCY (CYC/T)	FREQUENCY (RAD/T)	EIGENVALUE (RAD/T)^2	MODAL STIFFNESS	MODAL MASS
1	0.560900	1.782849	11.201971	125.484144	125.484144	1.000000
2	0.477375	2.094791	13.161961	173.237211	173.237211	1.000000
3	0.361223	2.768370	17.394185	302.557660	302.557660	1.000000
4	0.339252	2.947657	18.520678	343.015509	343.015509	1.000000
5	0.313176	3.193089	20.062769	402.514693	402.514693	1.000000
6	0.259586	3.852284	24.204613	585.863270	585.863270	1.000000
7	0.233358	4.285257	26.925061	724.958909	724.958909	1.000000
8	0.229468	4.357912	27.381572	749.750459	749.750459	1.000000
9	0.210653	4.747151	29.827229	889.663574	889.663574	1.000000
10	0.176381	5.669555	35.622862	1268.988	1268.988	1.000000
11	0.174371	5.734895	36.033411	1298.407	1298.407	1.000000
12	0.172438	5.799187	36.437364	1327.681	1327.681	1.000000
13	0.164663	6.073020	38.157911	1456.026	1456.026	1.000000
14	0.149761	6.677302	41.954728	1760.199	1760.199	1.000000
15	0.138264	7.232536	45.443362	2065.099	2065.099	1.000000
16	0.127143	7.865172	49.418334	2442.172	2442.172	1.000000
17	0.125605	7.961461	50.023334	2502.334	2502.334	1.000000
18	0.125242	7.984570	50.168535	2516.882	2516.882	1.000000
19	0.124227	8.049754	50.578094	2558.144	2558.144	1.000000
20	0.109469	9.134993	57.396852	3294.399	3294.399	1.000000
21	0.107482	9.303903	58.458144	3417.355	3417.355	1.000000
22	0.105924	9.440759	59.318036	3518.629	3518.629	1.000000
23	0.104633	9.557196	60.049635	3605.959	3605.959	1.000000
24	0.100440	9.956216	62.556748	3913.347	3913.347	1.000000
25	0.093562	10.688115	67.155409	4509.849	4509.849	1.000000
26	0.092934	10.760300	67.608957	4570.971	4570.971	1.000000
27	0.089917	11.121344	69.877465	4882.860	4882.860	1.000000
28	0.087152	11.474143	72.094169	5197.569	5197.569	1.000000
29	0.087136	11.476252	72.107417	5199.480	5199.480	1.000000
30	0.083214	12.017231	75.506489	5701.230	5701.230	1.000000
31	0.080759	12.382479	77.801409	6053.059	6053.059	1.000000
32	0.080582	12.409731	77.972639	6079.732	6079.732	1.000000
33	0.079660	12.553399	78.875334	6221.318	6221.318	1.000000
34	0.079022	12.654672	79.511652	6322.103	6322.103	1.000000

35	0.078939	12.667932	79.594966	6335.359	6335.359	1.000000
36	0.078060	12.810607	80.491415	6478.868	6478.868	1.000000
37	0.075662	13.216604	83.042375	6896.036	6896.036	1.000000
38	0.073096	13.680593	85.957699	7388.726	7388.726	1.000000
39	0.072658	13.763153	86.476438	7478.174	7478.174	1.000000
40	0.070368	14.210930	89.289908	7972.688	7972.688	1.000000
41	0.070119	14.261517	89.607756	8029.550	8029.550	1.000000
42	0.069743	14.338386	90.090737	8116.341	8116.341	1.000000
43	0.069669	14.353685	90.186861	8133.670	8133.670	1.000000
44	0.069346	14.420371	90.605865	8209.423	8209.423	1.000000
45	0.068655	14.565676	91.518843	8375.699	8375.699	1.000000
46	0.067417	14.833152	93.199441	8686.136	8686.136	1.000000
47	0.067039	14.916797	93.724999	8784.375	8784.375	1.000000
48	0.067038	14.916919	93.725767	8784.519	8784.519	1.000000
49	0.064525	15.497818	97.375665	9482.020	9482.020	1.000000
50	0.064198	15.576905	97.872583	9579.043	9579.043	1.000000
51	0.064095	15.601820	98.029125	9609.709	9609.709	1.000000
52	0.062524	15.993760	100.491759	10098.594	10098.594	1.000000
53	0.062434	16.016902	100.637164	10127.839	10127.839	1.000000
54	0.061368	16.295208	102.385813	10482.855	10482.855	1.000000
55	0.059682	16.755494	105.277876	11083.431	11083.431	1.000000
56	0.059284	16.867859	105.983883	11232.583	11232.583	1.000000
57	0.058442	17.111033	107.511794	11558.786	11558.786	1.000000
58	0.058308	17.150374	107.758977	11611.997	11611.997	1.000000
59	0.057836	17.290197	108.637511	11802.109	11802.109	1.000000
60	0.057792	17.303528	108.721273	11820.315	11820.315	1.000000
61	0.057757	17.313937	108.786677	11834.541	11834.541	1.000000
62	0.057587	17.365158	109.108505	11904.666	11904.666	1.000000
63	0.056946	17.560617	110.336614	12174.168	12174.168	1.000000
64	0.056928	17.565984	110.370334	12181.611	12181.611	1.000000
65	0.056191	17.796588	111.819261	12503.547	12503.547	1.000000
66	0.055838	17.908994	112.525527	12661.994	12661.994	1.000000
67	0.055836	17.909640	112.529588	12662.908	12662.908	1.000000
68	0.055454	18.033111	113.305378	12838.109	12838.109	1.000000
69	0.054479	18.355671	115.332080	13301.489	13301.489	1.000000
70	0.054355	18.397627	115.595699	13362.366	13362.366	1.000000
71	0.053171	18.807160	118.168871	13963.882	13963.882	1.000000
72	0.053058	18.847358	118.421444	14023.638	14023.638	1.000000
73	0.052919	18.896903	118.732741	14097.464	14097.464	1.000000
74	0.052621	19.003900	119.405025	14257.560	14257.560	1.000000
75	0.052170	19.168075	120.436566	14504.967	14504.967	1.000000
76	0.051323	19.484281	122.423349	14987.476	14987.476	1.000000
77	0.051304	19.491683	122.469854	14998.865	14998.865	1.000000
78	0.051270	19.504574	122.550852	15018.711	15018.711	1.000000
79	0.051253	19.510942	122.590863	15028.520	15028.520	1.000000
80	0.051072	19.580077	123.025254	15135.213	15135.213	1.000000
81	0.050932	19.633842	123.363067	15218.446	15218.446	1.000000
82	0.050903	19.645128	123.433978	15235.947	15235.947	1.000000
83	0.050321	19.872249	124.861025	15590.276	15590.276	1.000000
84	0.049689	20.125053	126.449437	15989.460	15989.460	1.000000
85	0.049566	20.175309	126.765207	16069.418	16069.418	1.000000
86	0.049442	20.225723	127.081967	16149.826	16149.826	1.000000
87	0.049228	20.313713	127.634823	16290.648	16290.648	1.000000
88	0.049161	20.341514	127.809501	16335.268	16335.268	1.000000
89	0.048710	20.529732	128.992109	16638.964	16638.964	1.000000
90	0.047842	20.901970	131.330949	17247.818	17247.818	1.000000
91	0.047812	20.915308	131.414754	17269.837	17269.837	1.000000
92	0.047785	20.927052	131.488548	17289.238	17289.238	1.000000
93	0.047611	21.003611	131.969581	17415.970	17415.970	1.000000

94	0.047422	21.087135	132.494377	17554.760	17554.760	1.000000
95	0.047392	21.100801	132.580240	17577.520	17577.520	1.000000
96	0.047218	21.178582	133.068954	17707.346	17707.346	1.000000
97	0.047105	21.229232	133.387198	17792.145	17792.145	1.000000
98	0.046879	21.331407	134.029181	17963.821	17963.821	1.000000
99	0.046658	21.432609	134.665055	18134.677	18134.677	1.000000
100	0.046291	21.602391	135.731824	18423.128	18423.128	1.000000
101	0.045957	21.759350	136.718030	18691.820	18691.820	1.000000
102	0.045791	21.838466	137.215126	18827.991	18827.991	1.000000
103	0.045750	21.858052	137.338190	18861.778	18861.778	1.000000
104	0.045724	21.870550	137.416718	18883.354	18883.354	1.000000
105	0.045693	21.885399	137.510016	18909.005	18909.005	1.000000
106	0.045132	22.157206	139.217830	19381.604	19381.604	1.000000
107	0.045047	22.198817	139.479282	19454.470	19454.470	1.000000
108	0.044864	22.289731	140.050509	19614.145	19614.145	1.000000
109	0.044333	22.556630	141.727489	20086.681	20086.681	1.000000
110	0.043612	22.929595	144.070892	20756.422	20756.422	1.000000
111	0.043202	23.146989	145.436824	21151.870	21151.870	1.000000
112	0.042930	23.293470	146.357188	21420.426	21420.426	1.000000
113	0.042890	23.315507	146.495653	21460.976	21460.976	1.000000
114	0.042170	23.713732	148.997774	22200.337	22200.337	1.000000
115	0.042141	23.729965	149.099770	22230.742	22230.742	1.000000
116	0.042091	23.757904	149.275314	22283.119	22283.119	1.000000
117	0.041768	23.942035	150.432241	22629.859	22629.859	1.000000
118	0.041761	23.945523	150.454157	22636.453	22636.453	1.000000
119	0.041600	24.038697	151.039587	22812.957	22812.957	1.000000
120	0.041427	24.138593	151.667255	23002.956	23002.956	1.000000
121	0.041242	24.247306	152.350316	23210.619	23210.619	1.000000
122	0.040945	24.423052	153.454560	23548.302	23548.302	1.000000
123	0.040894	24.453491	153.645812	23607.036	23607.036	1.000000
124	0.040863	24.471908	153.761532	23642.609	23642.609	1.000000
125	0.040838	24.487201	153.857620	23672.167	23672.167	1.000000
126	0.040083	24.947962	156.752671	24571.400	24571.400	1.000000
127	0.040080	24.949980	156.765347	24575.374	24575.374	1.000000
128	0.039982	25.011164	157.149780	24696.053	24696.053	1.000000
129	0.039672	25.206976	158.380100	25084.256	25084.256	1.000000
130	0.039597	25.254186	158.676728	25178.304	25178.304	1.000000
131	0.039493	25.320905	159.095936	25311.517	25311.517	1.000000
132	0.039473	25.333513	159.175157	25336.731	25336.731	1.000000
133	0.039297	25.447482	159.891248	25565.211	25565.211	1.000000
134	0.039249	25.478419	160.085630	25627.409	25627.409	1.000000
135	0.039245	25.480763	160.100355	25632.124	25632.124	1.000000
136	0.039223	25.494975	160.189650	25660.724	25660.724	1.000000
137	0.039210	25.503915	160.245827	25678.725	25678.725	1.000000
138	0.039174	25.527229	160.392311	25725.693	25725.693	1.000000
139	0.038942	25.679392	161.348381	26033.300	26033.300	1.000000
140	0.038931	25.686195	161.391124	26047.095	26047.095	1.000000
141	0.038836	25.749633	161.789719	26175.913	26175.913	1.000000
142	0.038607	25.902046	162.747357	26486.702	26486.702	1.000000
143	0.038594	25.911094	162.804206	26505.209	26505.209	1.000000
144	0.038582	25.918725	162.852155	26520.824	26520.824	1.000000
145	0.038512	25.965756	163.147659	26617.159	26617.159	1.000000
146	0.038378	26.056479	163.717687	26803.481	26803.481	1.000000
147	0.038345	26.078688	163.857232	26849.192	26849.192	1.000000
148	0.038292	26.115122	164.086154	26924.266	26924.266	1.000000
149	0.038287	26.118741	164.108889	26931.727	26931.727	1.000000
150	0.037860	26.412876	165.956994	27541.724	27541.724	1.000000

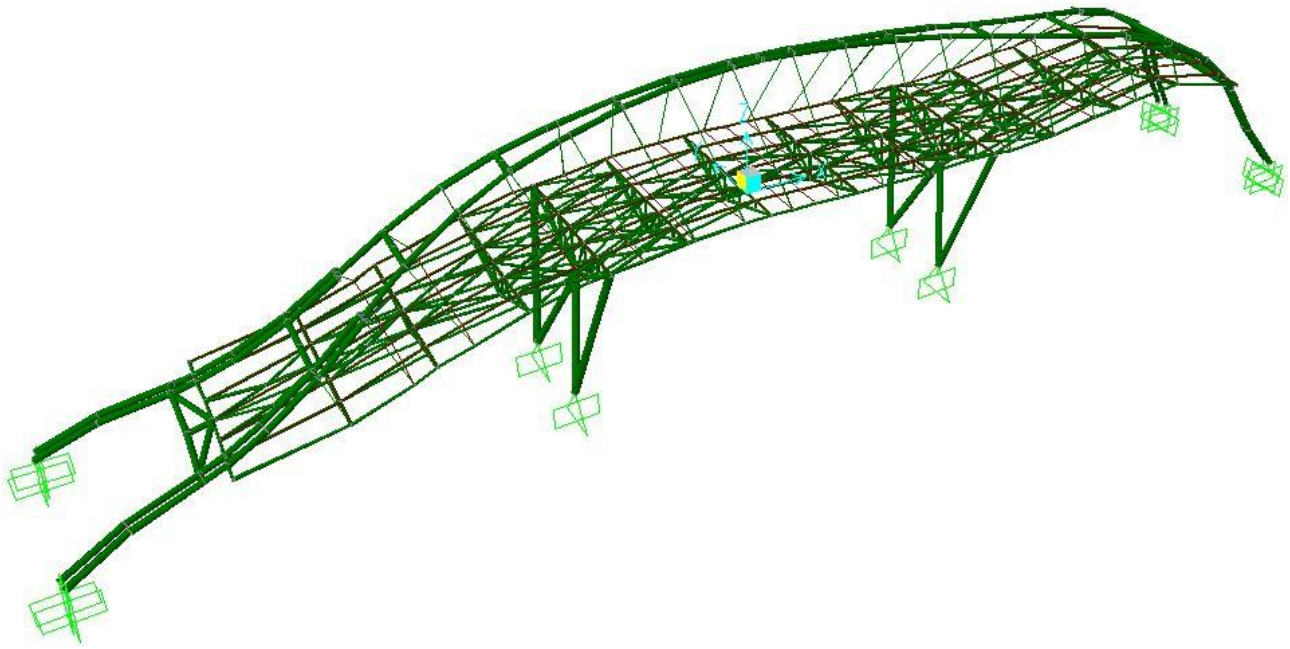
M O D A L L O A D P A R T I C I P A T I O N R A T I O S

CASE: MODAL

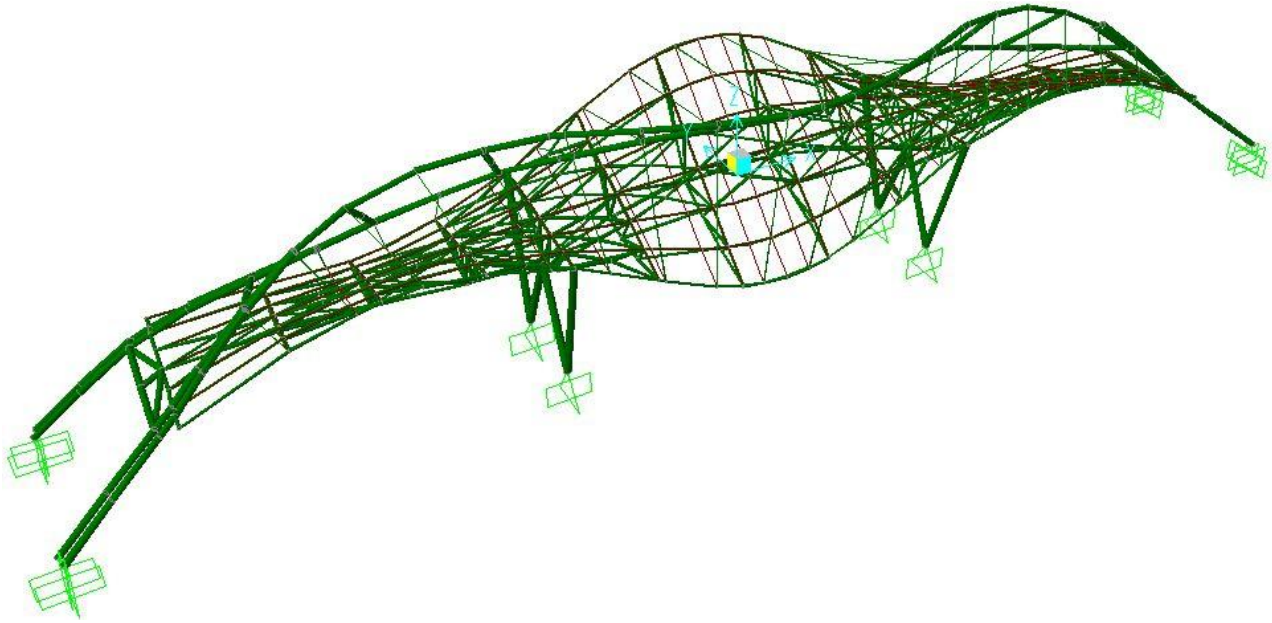
LOAD, ACC, OR LINK/DEF (TYPE)	(NAME)	STATIC (PERCENT)	DYNAMIC (PERCENT)	EFFECTIVE PERIOD
ACC	UX	99.9784	92.9707	0.551965
ACC	UY	99.9866	98.2684	0.317416
ACC	UZ	99.6268	88.0500	0.207761
ACC	RX	99.9521	91.4079	0.406893
ACC	RY	99.9521	89.0462	0.544970
ACC	RZ	99.9778	97.9665	0.327376

(*) NOTE: DYNAMIC LOAD PARTICIPATION RATIO EXCLUDES LOAD
APPLIED TO NON-MASS DEGREES OF FREEDOM

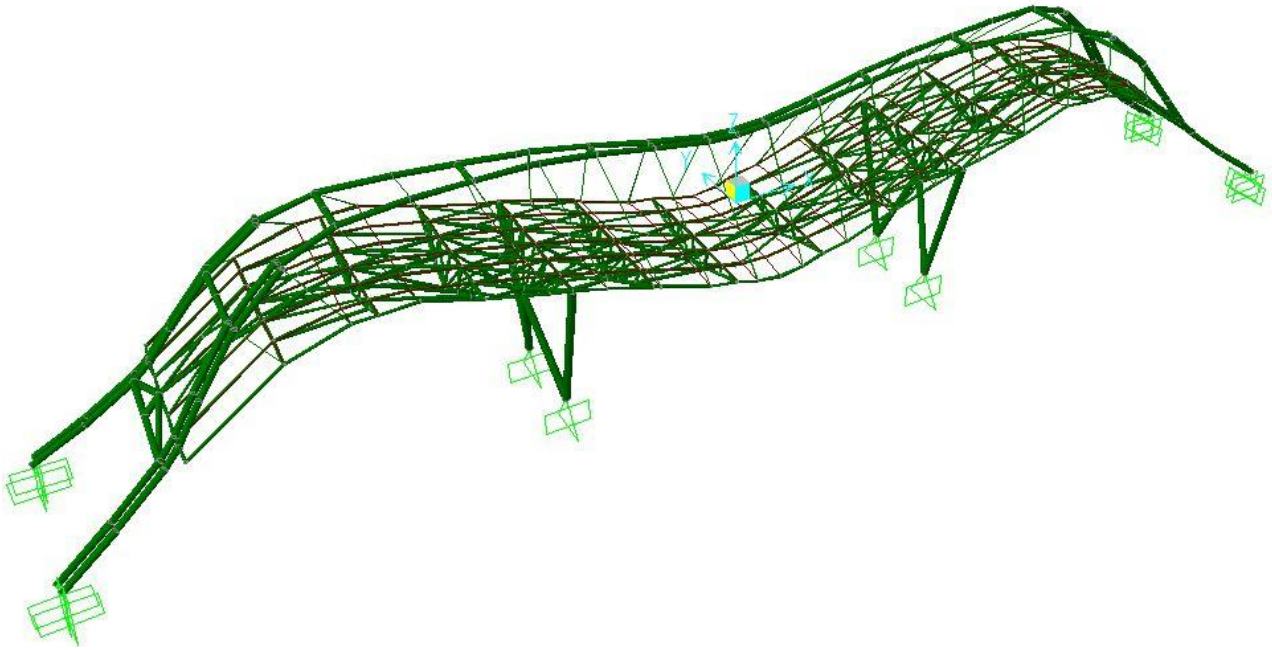
Le deformate in fase sismica sono :



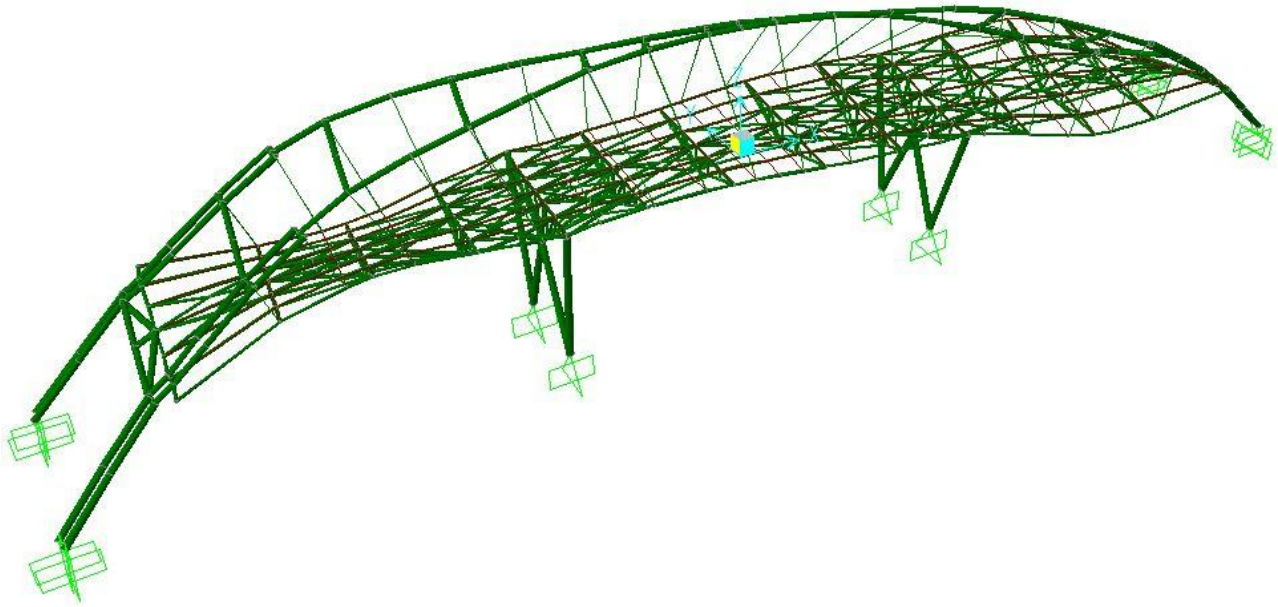
Primo modo di vibrare (0.5609 s)



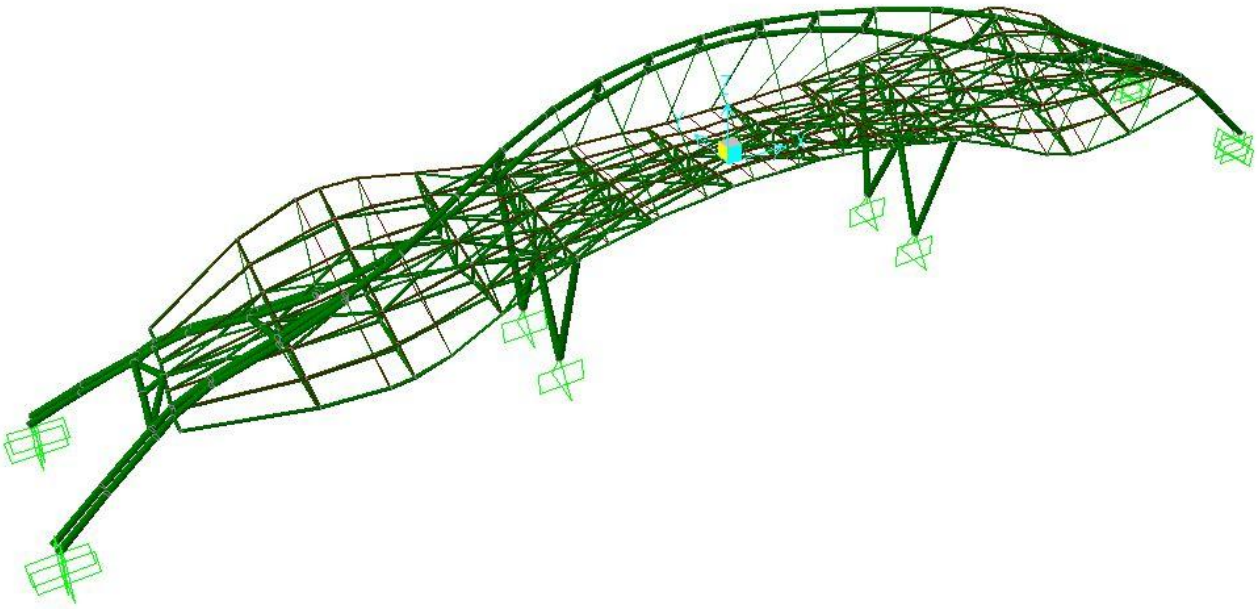
Secondo modo di vibrare (0.4773 s)



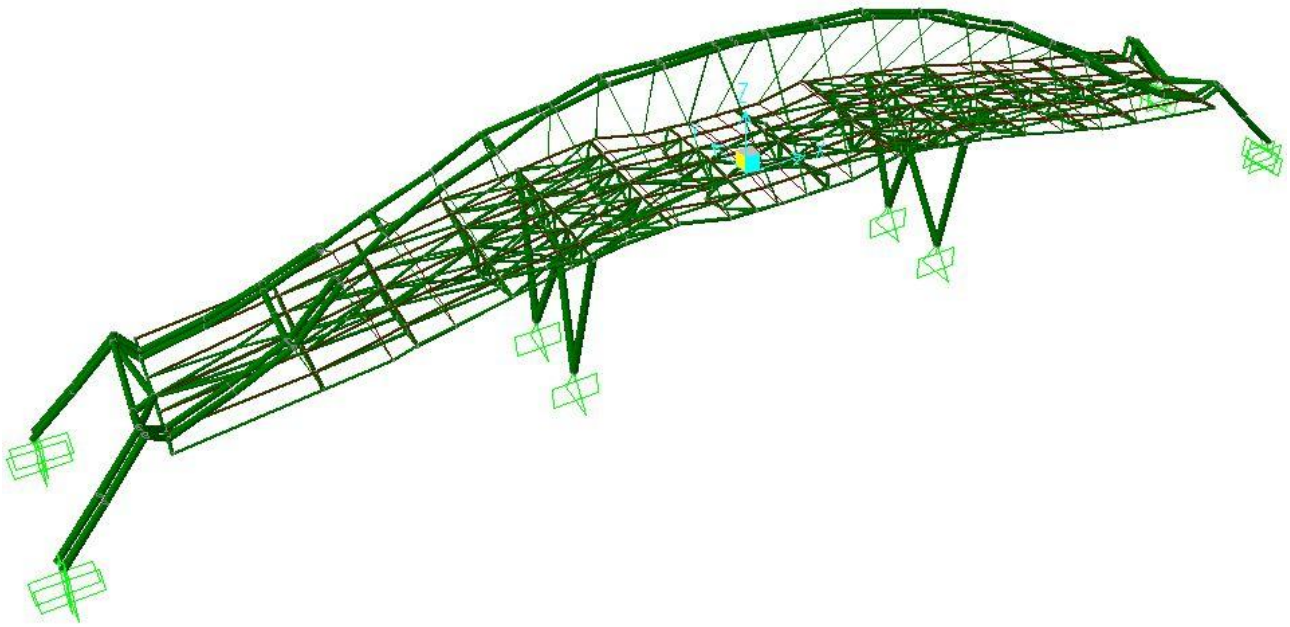
Terzo modo di vibrare (0.3612 s)



Quarto modo di vibrare (0.3393 s)



Quinto modo di vibrare (0.3132 s)



Spostamenti in fase sismica

Gli spostamenti massimi che subisce la struttura, con spettro elastico q = 1, risultano essere :

- Direzione longitudinale μ x = 5.2 cm
- Direzione trasversale μ y = 5.4 cm
- Direzione verticale μ z = 12.0 cm

Spostamenti per la condizione statica

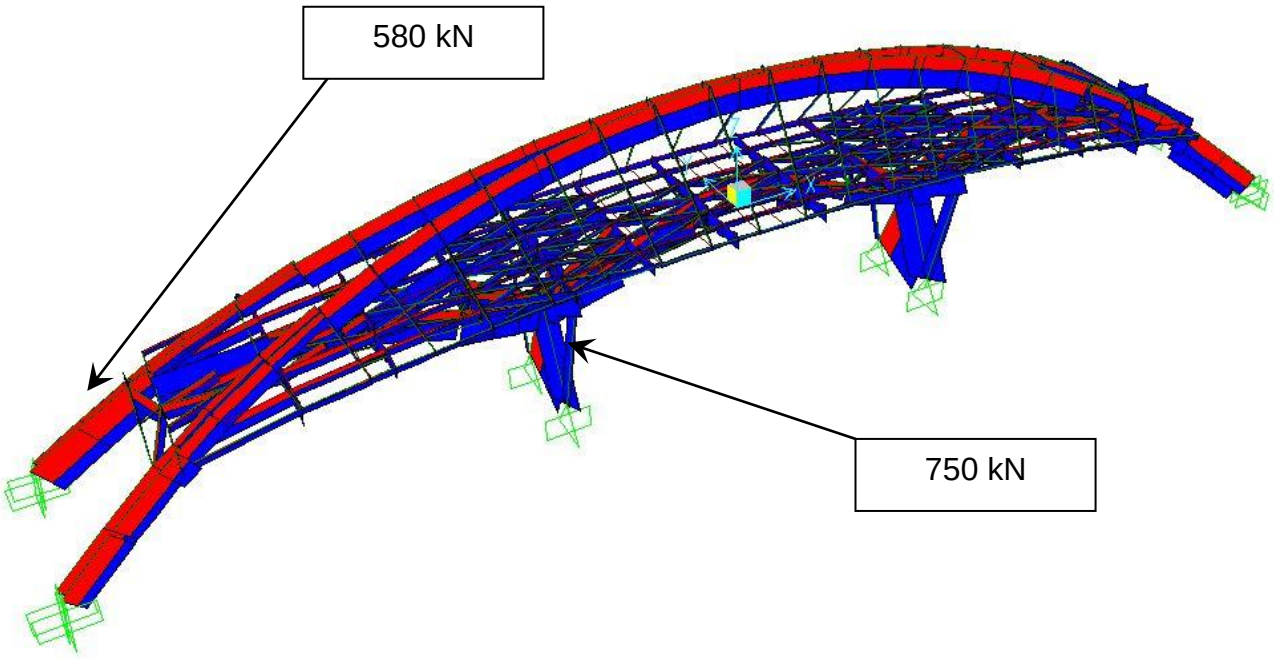
Per la condizione di stato limite di esercizio, si riscontrano i seguenti spostamenti massimi :

- Direzione longitudinale $\mu x =$ 0.8 cm
- Direzione trasversale $\mu y =$ 1.3 cm
- Direzione verticale $\mu z =$ 1.2 cm

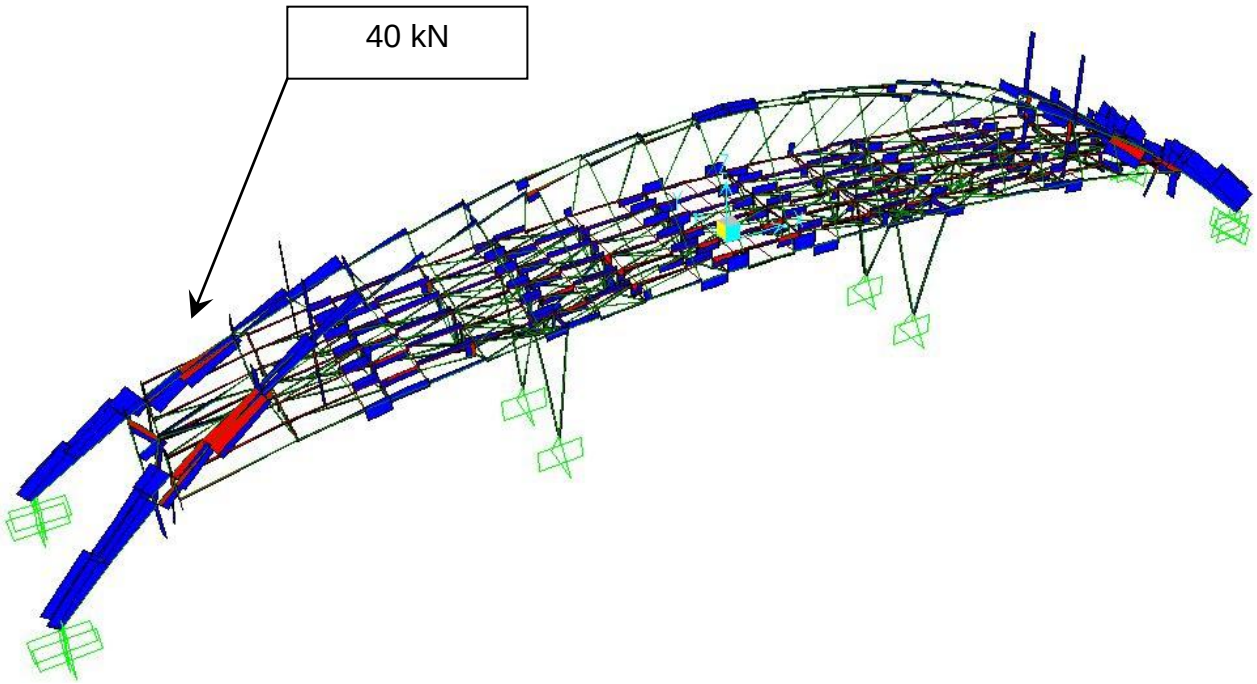
Le azioni nella pensilina sono risultate essere :

CONDIZIONE STATICA (SLU)

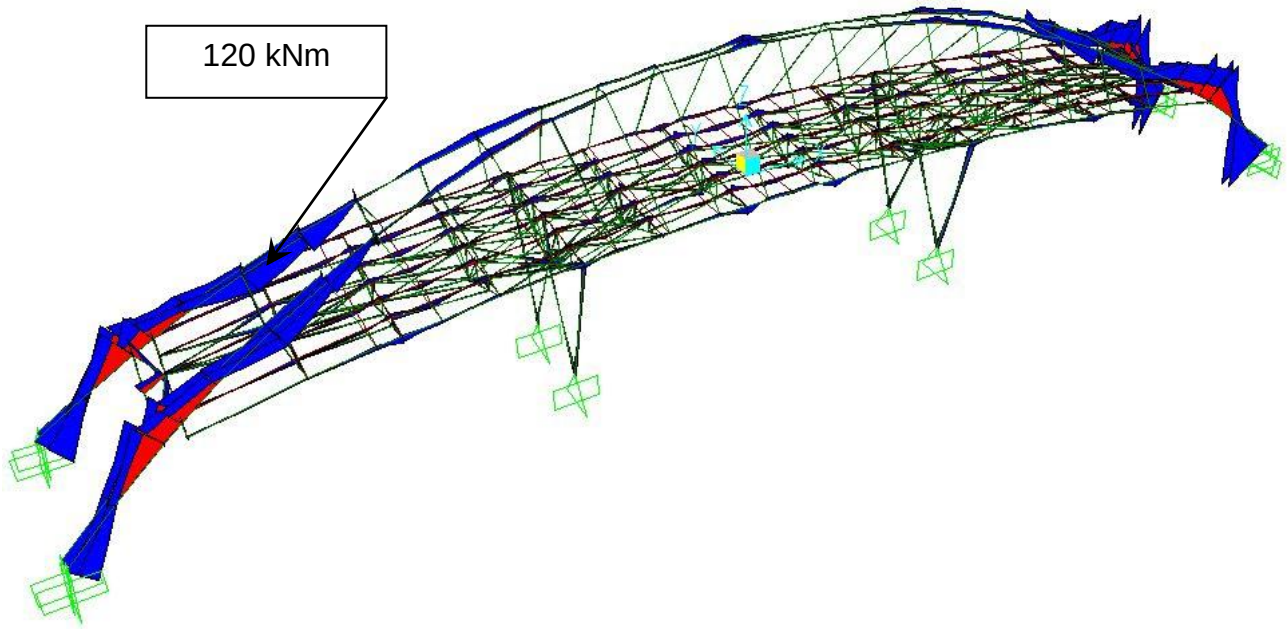
Azione Assiale (kN)



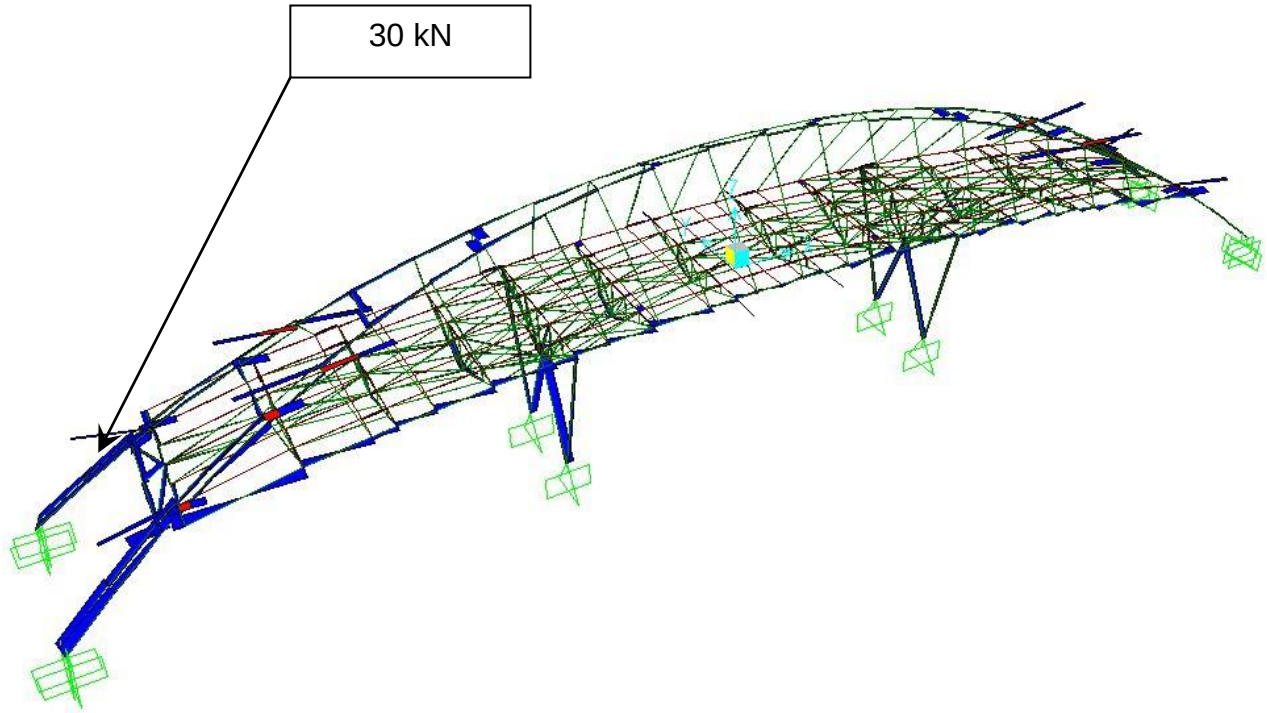
Azione Tagliante T2-2 (kN)



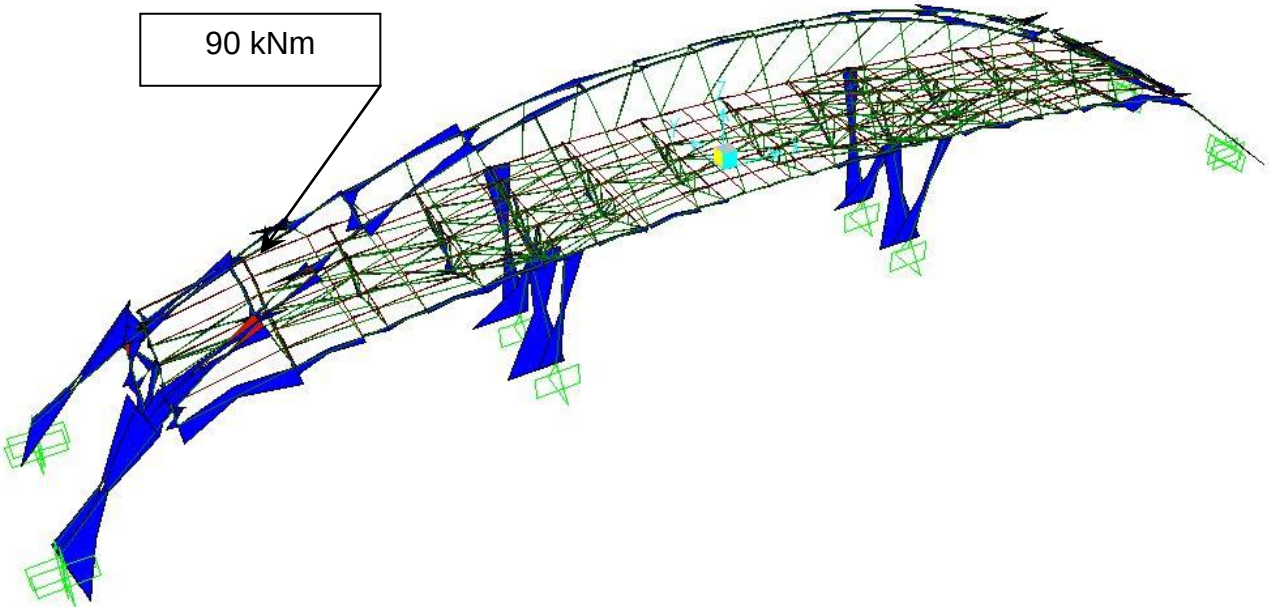
Azione Flettente M3-3 (kNm)



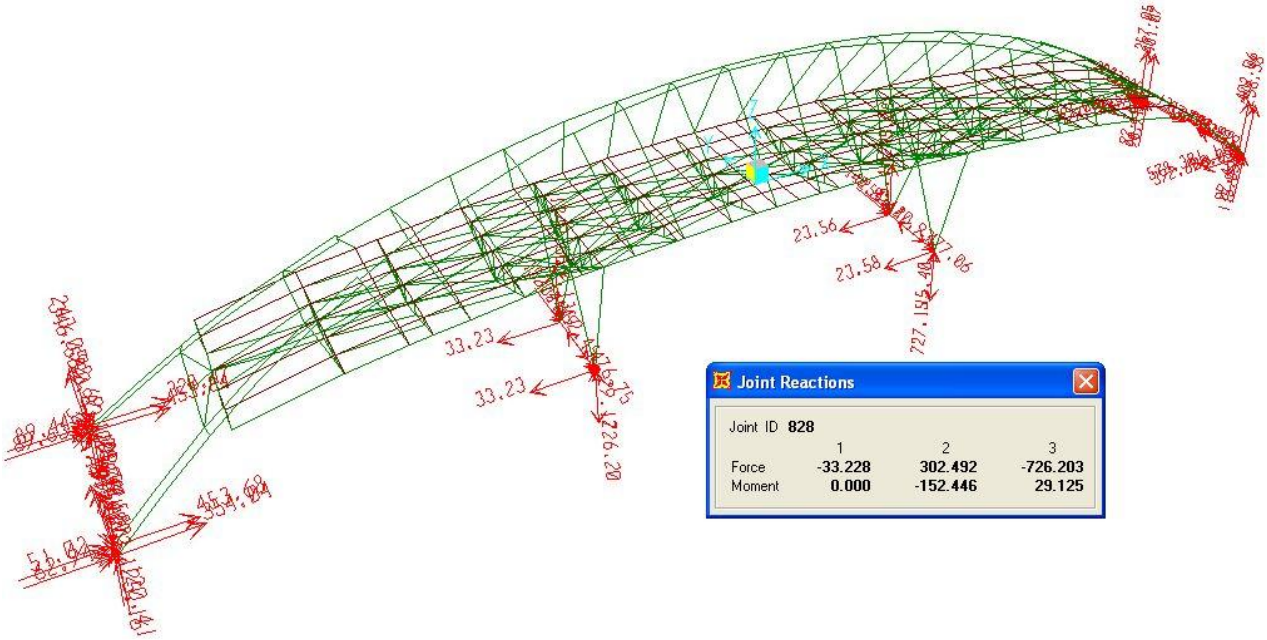
Azione Tagliante T3-3 (kN)



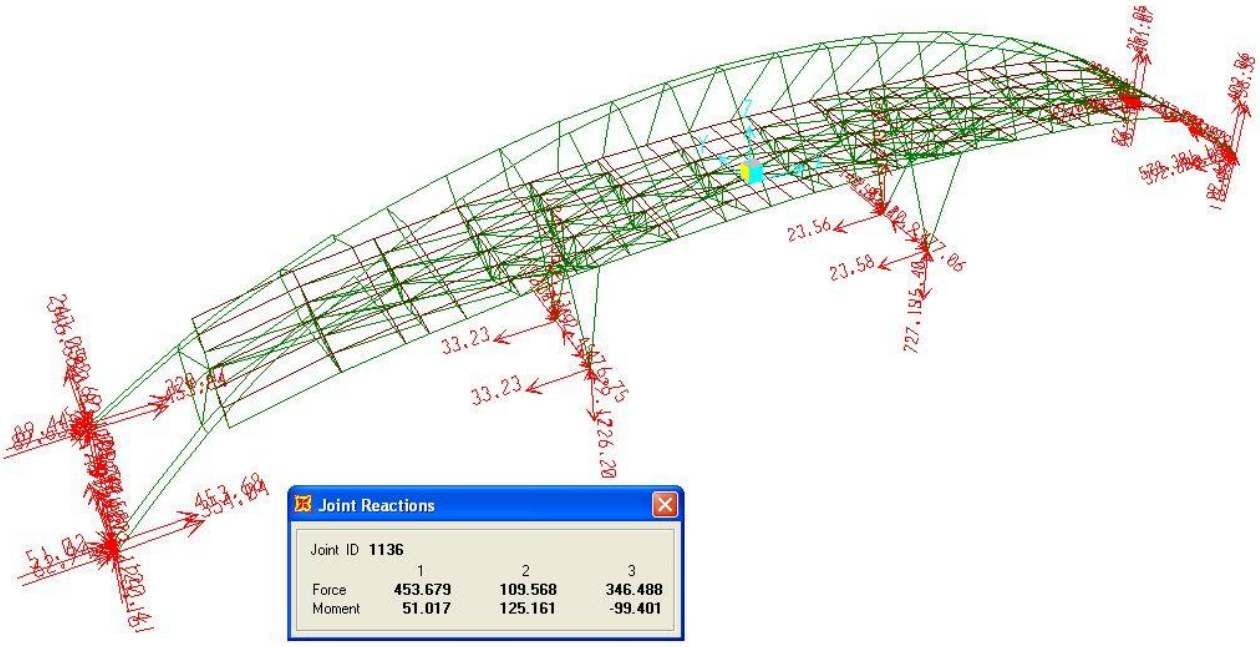
Azione Flettente M2-2 (kNm)



Reazioni vincolari piedritto intermedio (kN,kNm)

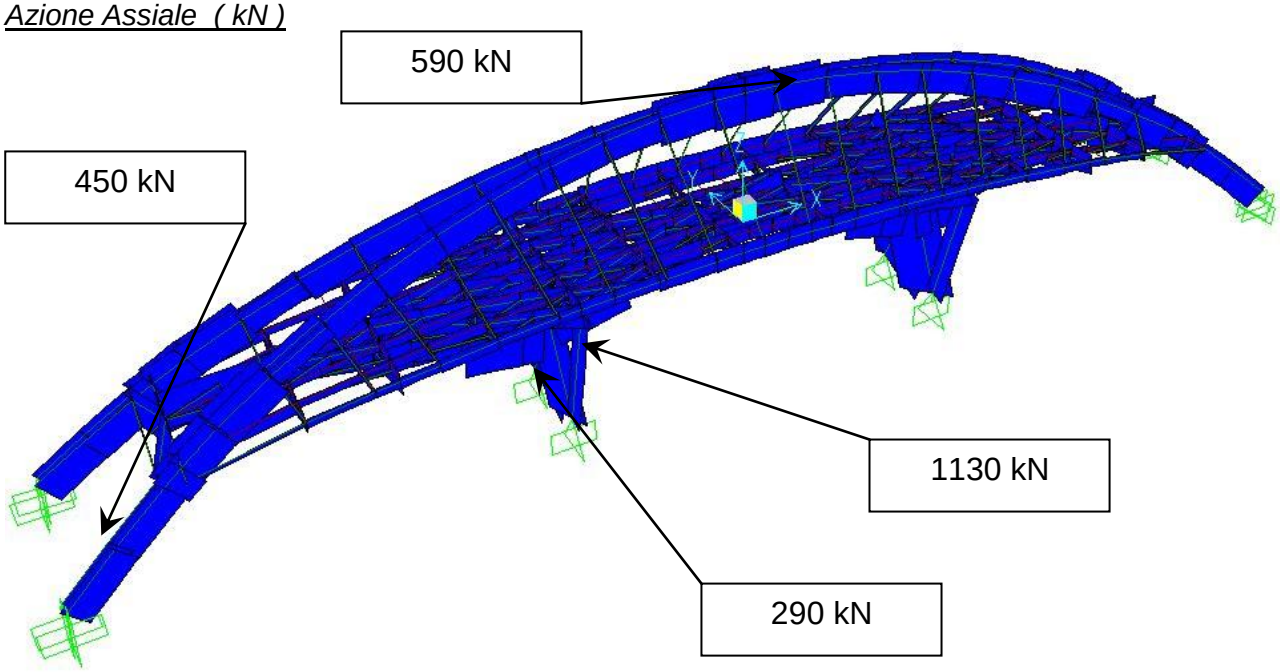


Reazioni vincolari singolo incastro laterale (kN,kNm)

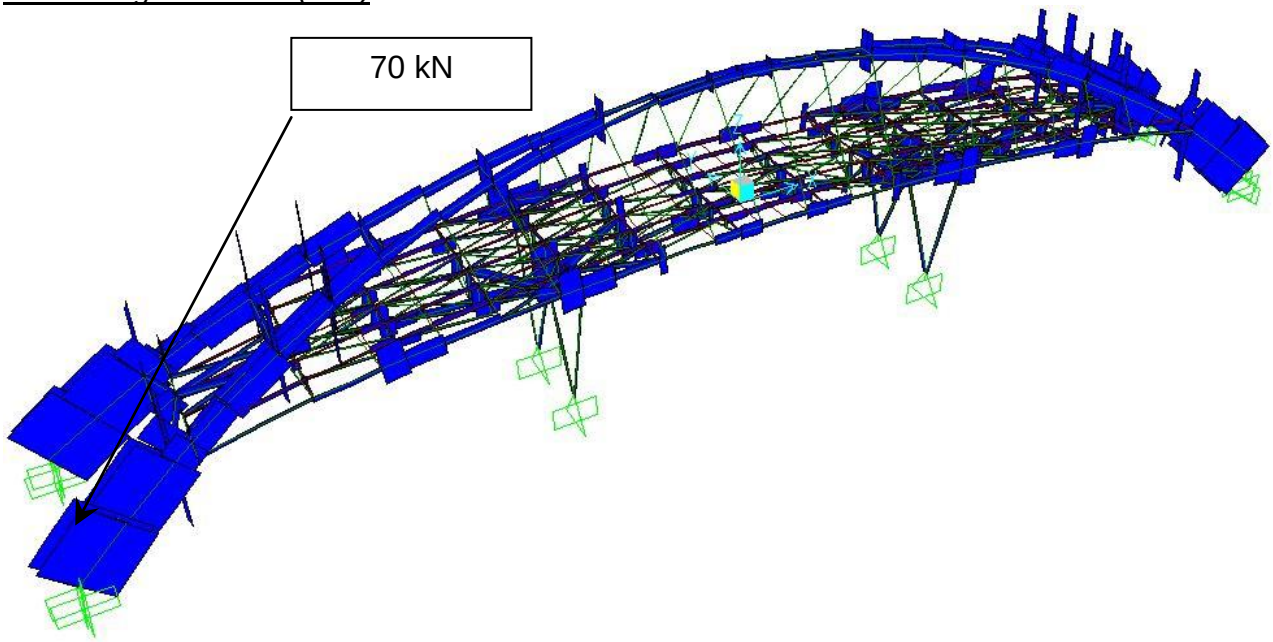


CONDIZIONE SISMICA

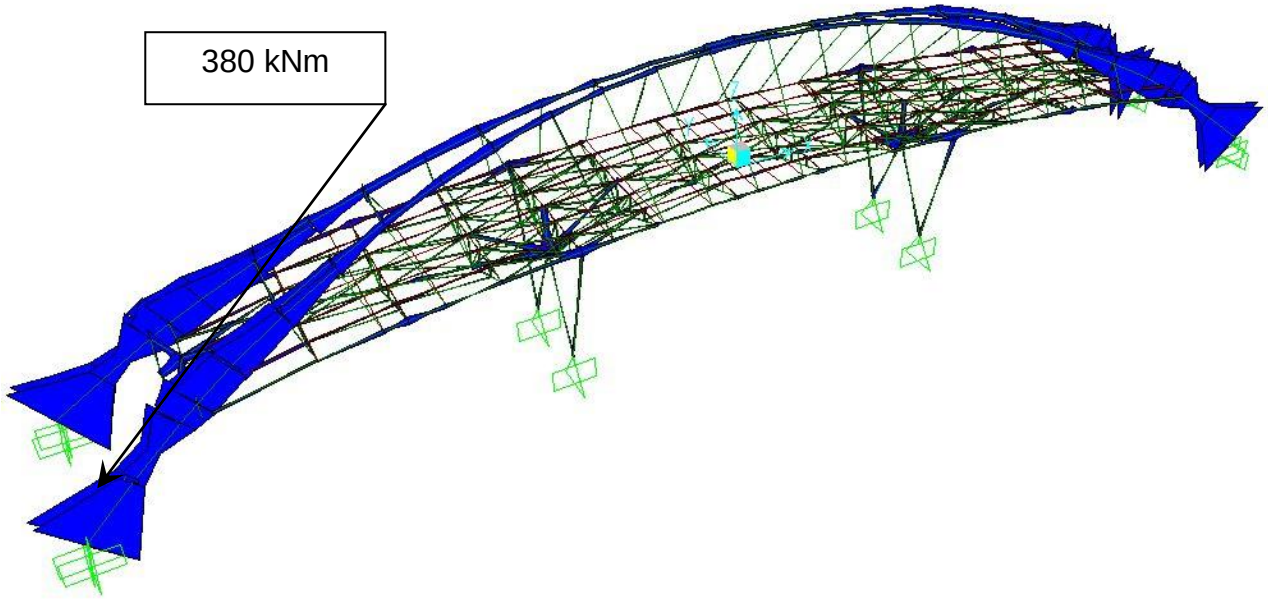
Azione Assiale (kN)



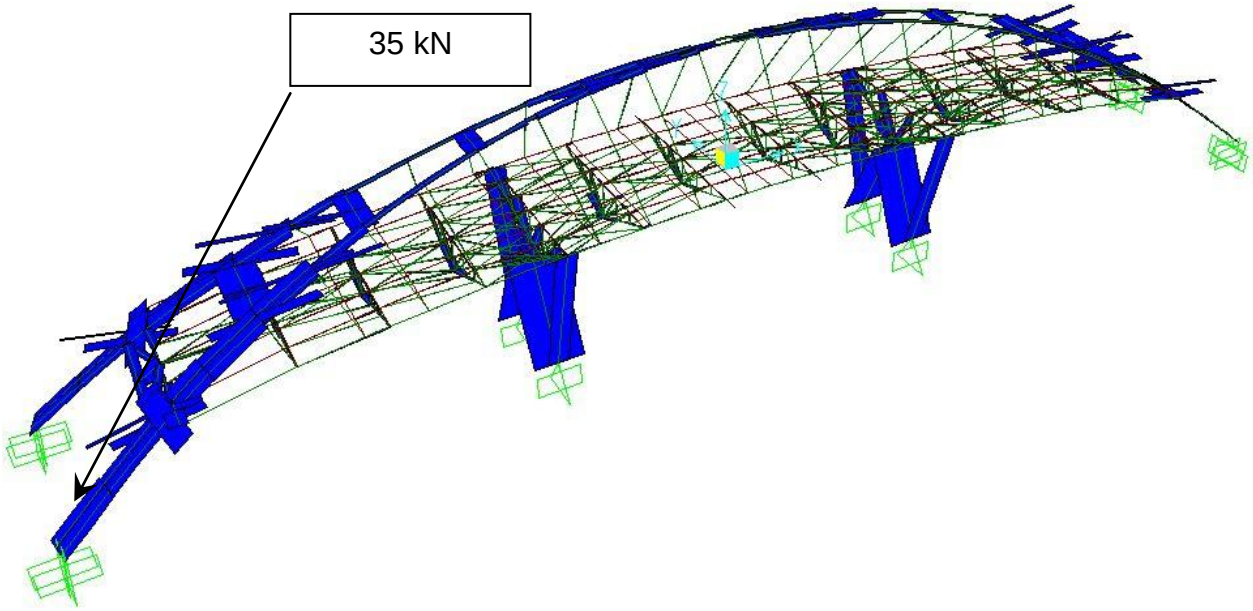
Azione Tagliante T2-2 (kN)



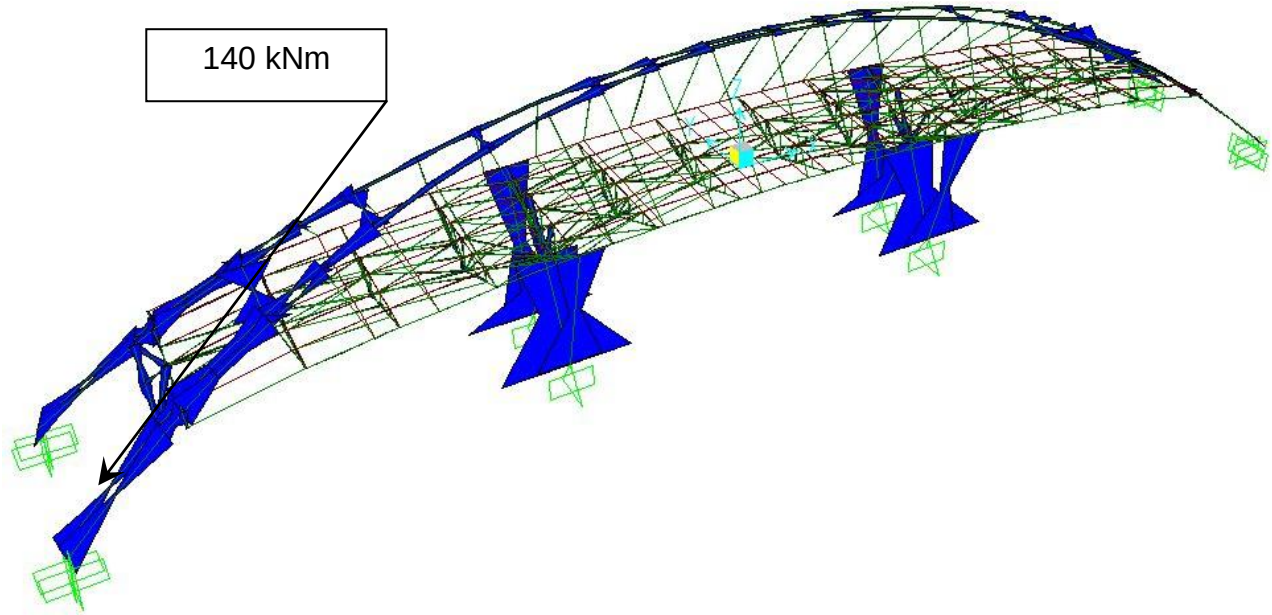
Azione Flettente M3-3 (kNm)



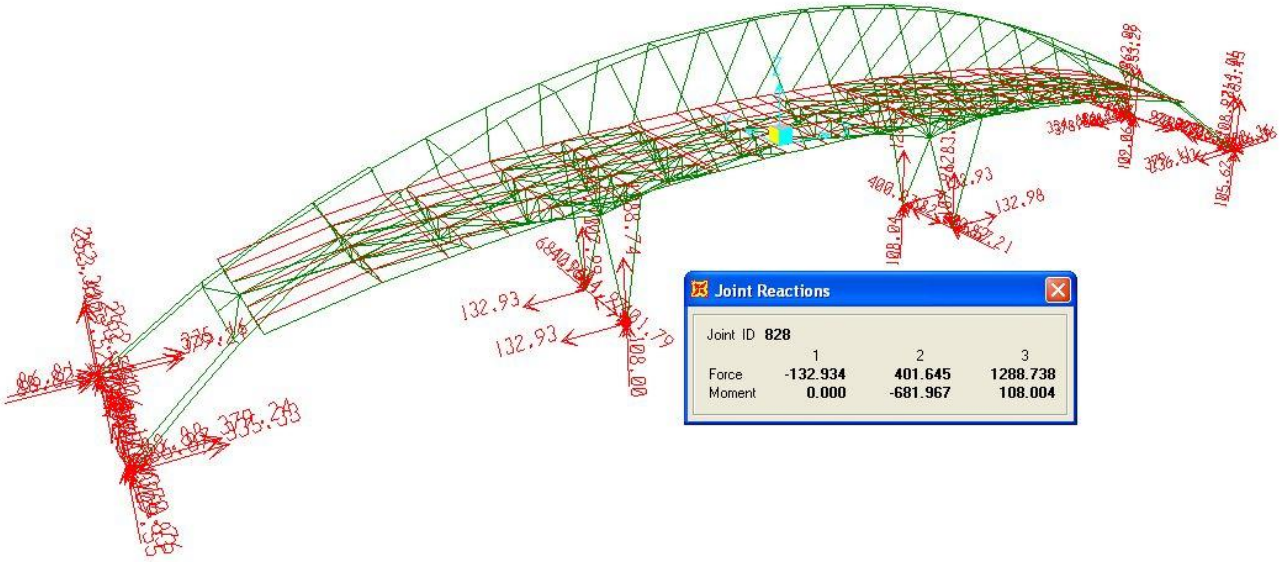
Azione Tagliante T3-3 (kN)



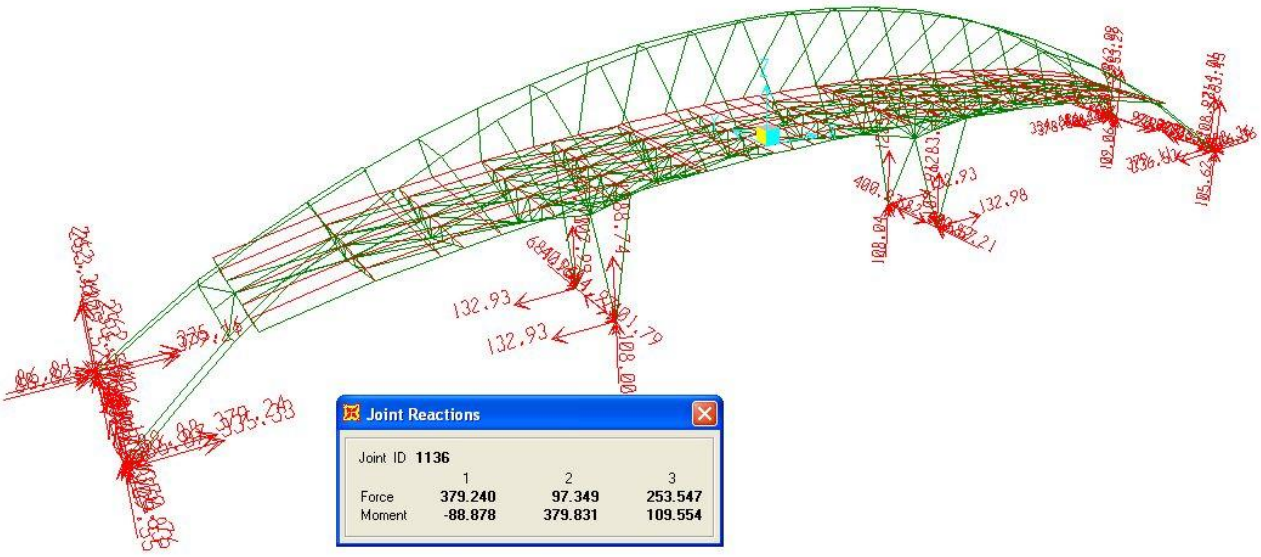
Azione Flettente M2-2 (kNm)



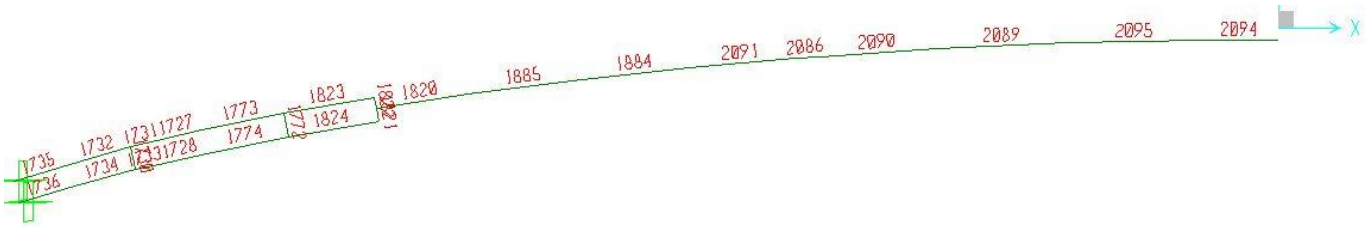
Reazioni vincolari piedritto intermedio (kN,kNm)



Reazioni vincolari singolo incastro laterale (kN,kNm)



Le azioni nell'arco risultano essere pari a :



NUMERAZIONE ASTE

Frame	FrameElem	Joint	Output Case	StepType	F1	F2	F3	M1	M2	M3	F	M	σn	σm	τ	σid
Text	Text	Text	Text	Text	KN	KN	KN	KN-m	KN-m	KN-m	KN	KN-m	MPa	MPa	MPa	MPa

Tubolari ϕ 406.4/16 mm

A= 0.0196 m^2

W= 0.0018 m^3

1727	411	1128	s	Max	316.0	42.0	211.8	79.4	139.2	145.6	216.0	160.2	16.10	86.95	14.67	**106.14**
1727	411	1130	s	Max	218.9	16.6	126.3	31.4	143.9	36.7	127.4	147.3	11.16	79.93	8.66	**92.31**
1727	411	1128	s	Min	-218.9	-16.6	-121.3	-82.3	-196.6	-131.0	122.4	213.1	11.16	115.64	8.31	**127.61**
1727	411	1130	s	Min	-316.0	-42.0	-206.8	-27.5	-130.9	-39.2	211.0	133.7	16.10	72.57	14.33	**92.08**
1727	411	1128	slu	Max	135.7	37.9	111.1	-3.6	-49.0	28.3	117.4	49.1	6.91	26.65	7.97	**36.30**
1727	411	1130	slu	Max	-75.9	-20.4	-64.3	24.4	45.1	4.0	67.4	51.3	3.87	27.85	4.58	**32.69**
1727	411	1128	slu	Min	75.9	20.4	71.1	-34.3	-82.4	12.4	74.0	89.3	3.87	48.43	5.03	**53.02**
1727	411	1130	slu	Min	-135.7	-37.9	-104.2	1.5	10.7	-7.5	110.9	10.8	6.91	5.85	7.53	**18.26**
1728	412	1129	s	Max	358.8	107.6	242.5	73.0	137.2	129.3	265.3	155.4	18.28	84.33	18.03	**107.26**
1728	412	1131	s	Max	191.4	69.4	114.4	25.5	161.3	41.8	133.8	163.3	9.75	88.61	9.09	**99.61**
1728	412	1129	s	Min	-191.4	-69.4	-109.1	-72.0	-191.8	-114.3	129.3	204.9	9.75	111.16	8.78	**121.87**
1728	412	1131	s	Min	-358.8	-107.6	-237.2	-25.4	-143.9	-47.2	260.4	146.1	18.28	79.27	17.70	**102.26**
1728	412	1129	slu	Max	316.1	64.7	222.5	0.3	-47.3	30.1	231.7	47.3	16.11	25.68	15.75	**49.90**
1728	412	1131	slu	Max	-147.6	-33.4	-108.0	23.2	60.2	-4.7	113.1	64.6	7.52	35.03	7.68	**44.58**
1728	412	1129	slu	Min	147.6	33.4	115.2	-24.0	-80.0	12.6	120.0	83.5	7.52	45.32	8.15	**54.69**
1728	412	1131	slu	Min	-316.1	-70.7	-215.3	-1.4	17.7	-11.8	226.6	17.7	16.11	9.61	15.40	**37.05**
1731	415	1132	s	Max	406.5	183.6	247.4	51.1	110.6	47.1	308.1	121.8	20.71	66.09	20.93	**94.07**
1731	415	1128	s	Max	119.7	131.7	95.6	60.8	237.3	106.5	162.7	244.9	6.10	132.89	11.06	**140.31**
1731	415	1132	s	Min	-119.7	-131.7	-92.6	-49.0	-146.9	-36.6	161.0	154.9	6.10	84.04	10.94	**92.11**

1731	415	1128	s	Min	-406.5	-183.6	-244.3	-67.5	-153.6	-124.5	305.6	167.7	20.71	91.02	20.77	**117.38**
1731	415	1132	slu	Max	361.8	47.1	195.5	16.1	-33.2	19.4	201.1	37.0	18.44	20.05	13.66	**45.19**
1731	415	1128	slu	Max	-220.7	-32.7	-115.4	21.1	113.3	-16.0	119.9	115.3	11.25	62.54	8.15	**75.12**
1731	415	1132	slu	Min	220.7	32.7	118.3	-19.7	-64.5	-7.2	122.8	67.4	11.25	36.59	8.34	**49.97**
1731	415	1128	slu	Min	-365.2	-47.1	-191.4	-6.7	72.7	-34.9	197.1	73.0	18.61	39.59	13.39	**62.66**
1732	416	1134	s	Max	377.3	93.0	244.0	24.9	77.1	11.7	261.2	81.0	19.23	43.96	17.74	**70.26**
1732	416	1132	s	Max	36.1	13.3	0.1	61.6	203.6	96.7	13.3	212.7	1.84	115.43	0.90	**117.29**
1732	416	1134	s	Min	-36.1	-13.3	8.1	-20.0	-93.7	-6.6	15.5	95.8	1.84	51.97	1.06	**53.84**
1732	416	1132	s	Min	-377.3	-93.0	-235.8	-90.4	-129.9	-87.1	253.5	158.3	19.23	85.88	17.22	**109.26**
1732	416	1134	slu	Max	463.0	109.6	335.2	6.7	-0.4	4.4	352.7	6.7	23.60	3.66	23.96	**49.65**
1732	416	1132	slu	Max	-294.4	-44.6	-204.2	49.3	111.3	19.1	209.0	121.8	15.00	66.07	14.20	**84.72**
1732	416	1134	slu	Min	294.4	44.6	215.3	-4.9	-24.2	1.6	219.9	24.6	15.00	13.37	14.94	**38.40**
1732	416	1132	slu	Min	-472.2	-109.6	-324.1	-42.0	68.5	-85.0	342.1	80.3	24.06	43.60	23.25	**78.74**
1733	417	1133	s	Max	408.2	133.2	280.9	64.0	111.7	60.8	310.9	128.7	20.80	69.85	21.13	**97.76**
1733	417	1129	s	Max	171.4	86.4	117.2	67.5	208.8	93.7	145.6	219.4	8.74	119.06	9.89	**128.94**
1733	417	1133	s	Min	-171.4	-86.4	-114.4	-62.8	-183.5	-57.9	143.4	194.0	8.74	105.25	9.74	**115.23**
1733	417	1129	s	Min	-408.2	-133.2	-278.2	-66.4	-144.4	-97.8	308.4	158.9	20.80	86.23	20.96	**113.02**
1733	417	1133	slu	Max	410.9	78.7	285.9	23.4	-65.0	17.5	296.5	69.1	20.94	37.50	20.15	**68.07**
1733	417	1129	slu	Max	-205.5	-23.6	-142.7	26.0	92.3	-3.4	144.6	95.9	10.47	52.02	9.83	**64.77**
1733	417	1133	slu	Min	205.5	23.6	146.4	-25.1	-105.1	-20.4	148.3	108.0	10.47	58.63	10.08	**71.27**
1733	417	1129	slu	Min	-410.9	-83.8	-282.2	2.5	55.8	-22.0	294.4	55.9	20.94	30.31	20.00	**61.86**
1734	418	1135	s	Max	334.4	88.3	252.9	23.8	86.4	14.1	267.8	89.6	17.04	48.64	18.20	**72.85**
1734	418	1133	s	Max	76.0	28.4	73.6	57.9	202.1	89.8	78.9	210.3	3.87	114.10	5.36	**118.34**
1734	418	1135	s	Min	-76.0	-28.4	-65.4	-20.5	-99.2	-10.1	71.3	101.3	3.87	54.99	4.84	**59.46**
1734	418	1133	s	Min	-334.4	-88.3	-244.7	-82.6	-126.4	-84.2	260.1	150.9	17.04	81.90	17.67	**103.57**
1734	418	1135	slu	Max	354.0	78.5	244.6	4.6	5.3	8.5	256.9	7.0	18.04	3.82	17.45	**37.31**
1734	418	1133	slu	Max	-222.8	-51.6	-148.4	37.3	111.2	16.2	157.1	117.3	11.35	63.63	10.68	**77.23**
1734	418	1135	slu	Min	222.8	42.5	159.5	-12.3	-18.3	-0.2	165.1	22.1	11.35	11.97	11.22	**30.36**
1734	418	1133	slu	Min	-354.0	-78.5	-233.5	-37.3	69.7	-66.3	246.4	79.1	18.04	42.90	16.74	**67.49**
1735	419	1136	s	Max	379.2	97.3	253.5	84.6	379.8	109.6	271.6	389.1	19.33	211.15	18.45	**232.68**
1735	419	1134	s	Max	38.1	17.6	-6.9	20.0	93.7	6.6	18.9	95.8	1.94	51.97	1.28	**53.95**
1735	419	1136	s	Min	-38.1	-17.6	15.3	-88.9	-341.2	-109.3	23.3	352.6	1.94	191.32	1.58	**193.28**
1735	419	1134	s	Min	-379.2	-97.3	-245.2	-24.9	-77.1	-11.7	263.8	81.0	19.33	43.96	17.92	**70.49**

1735	419	1136	slu	Max	453.7	109.6	346.5	51.0	125.2	10.6	363.4	135.2	23.12	73.34	24.69	**105.51**
1735	419	1134	slu	Max	-294.4	-44.6	-215.3	4.9	24.2	-1.6	219.9	24.6	15.00	13.37	14.94	**38.40**
1735	419	1136	slu	Min	294.4	44.6	226.6	-21.2	43.2	-99.4	230.9	48.1	15.00	26.10	15.69	**49.28**
1735	419	1134	slu	Min	-463.0	-109.6	-335.2	-6.7	0.4	-4.4	352.7	6.7	23.60	3.66	23.96	**49.65**
1736	420	1137	s	Max	335.3	90.7	262.4	82.7	370.8	105.1	277.7	379.9	17.09	206.11	18.87	**225.58**
1736	420	1135	s	Max	77.0	30.8	66.6	20.5	99.2	10.1	73.4	101.3	3.92	54.99	4.99	**59.54**
1736	420	1137	s	Min	-77.0	-30.8	-58.3	-86.9	-334.7	-106.1	65.9	345.8	3.92	187.65	4.48	**191.73**
1736	420	1135	s	Min	-335.3	-90.7	-254.1	-23.8	-86.4	-14.1	269.8	89.6	17.09	48.64	18.33	**72.99**
1736	420	1137	slu	Max	354.0	78.5	255.8	62.9	120.4	11.1	267.6	135.9	18.04	73.72	18.18	**97.02**
1736	420	1135	slu	Max	-222.8	-42.5	-159.5	12.3	18.3	0.2	165.1	22.1	11.35	11.97	11.22	**30.36**
1736	420	1137	slu	Min	222.8	27.0	170.7	-22.1	37.3	-115.0	172.9	43.4	11.35	23.54	11.75	**40.39**
1736	420	1135	slu	Min	-354.0	-78.5	-244.6	-4.6	-5.3	-8.5	256.9	7.0	18.04	3.82	17.45	**37.31**
1773	454	1130	s	Max	317.9	38.5	202.0	27.5	130.9	39.2	205.7	133.7	16.20	72.57	13.97	**92.01**
1773	454	1143	s	Max	220.8	13.1	129.6	79.3	71.7	125.7	130.3	106.9	11.25	58.03	8.85	**70.96**
1773	454	1130	s	Min	-220.8	-13.1	-121.6	-31.4	-143.9	-36.7	122.3	147.3	11.25	79.93	8.31	**92.31**
1773	454	1143	s	Min	-317.9	-38.5	-194.0	-78.4	-122.2	-101.8	197.8	145.2	16.20	78.81	13.44	**97.82**
1773	454	1130	slu	Max	135.7	37.9	104.2	-1.5	-10.7	7.5	110.9	10.8	6.91	5.85	7.53	**18.26**
1773	454	1143	slu	Max	-75.9	-20.4	-53.4	10.5	-22.2	50.7	57.2	24.5	3.87	13.31	3.88	**18.44**
1773	454	1130	slu	Min	75.9	20.4	64.3	-24.4	-45.1	-4.0	67.4	51.3	3.87	27.85	4.58	**32.69**
1773	454	1143	slu	Min	-135.7	-37.9	-93.4	-2.5	-71.0	20.4	100.8	71.0	6.91	38.54	6.85	**46.97**
1774	455	1131	s	Max	357.8	103.7	238.0	25.4	143.9	47.2	259.6	146.1	18.23	79.27	17.64	**102.18**
1774	455	1142	s	Max	190.5	65.5	123.2	63.6	60.5	98.5	139.6	87.8	9.71	47.63	9.48	**59.64**
1774	455	1131	s	Min	-190.5	-65.5	-115.2	-25.5	-161.3	-41.8	132.5	163.3	9.71	88.61	9.01	**99.54**
1774	455	1142	s	Min	-357.8	-103.7	-230.0	-64.4	-116.4	-78.1	252.3	133.0	18.23	72.17	17.14	**95.16**
1774	455	1131	slu	Max	316.1	70.7	215.3	1.4	-17.7	11.8	226.6	17.7	16.11	9.61	15.40	**37.05**
1774	455	1142	slu	Max	-147.6	-33.4	-97.2	3.3	-34.2	61.4	102.8	34.4	7.52	18.64	6.98	**28.82**
1774	455	1131	slu	Min	147.6	33.4	108.0	-23.2	-60.2	4.7	113.1	64.6	7.52	35.03	7.68	**44.58**
1774	455	1142	slu	Min	-316.1	-80.9	-204.5	-3.2	-82.1	17.3	219.9	82.2	16.11	44.58	14.94	**65.98**
1823	501	1143	s	Max	271.1	31.6	128.9	28.5	117.0	80.1	132.7	120.4	13.81	65.34	9.02	**80.68**
1823	501	1155	s	Max	129.4	15.4	63.9	47.0	22.9	50.4	65.7	52.3	6.60	28.36	4.46	**35.81**
1823	501	1143	s	Min	-129.4	-15.4	-55.7	-31.6	-66.1	-88.4	57.8	73.3	6.60	39.78	3.93	**46.87**
1823	501	1155	s	Min	-271.1	-31.6	-120.8	-37.5	-49.0	-62.0	124.8	61.8	13.81	33.51	8.48	**49.55**
1823	501	1143	slu	Max	248.3	35.6	130.2	-3.9	72.1	0.8	135.0	72.2	12.65	39.18	9.17	**54.21**

1823	501	1155	slu	Max	-121.7	-15.1	-50.4	16.8	-17.2	0.2	52.6	24.1	6.20	13.07	3.57	**20.24**
1823	501	1143	slu	Min	121.7	15.1	61.4	-11.4	16.0	-8.7	63.2	19.7	6.20	10.69	4.29	**18.45**
1823	501	1155	slu	Min	-248.3	-35.6	-119.2	5.6	-37.6	-12.0	124.4	38.1	12.65	20.66	8.45	**36.39**
1824	502	1142	s	Max	206.7	51.9	108.4	15.0	117.2	44.8	120.2	118.2	10.54	64.13	8.17	**75.99**
1824	502	1154	s	Max	74.3	29.6	48.8	34.4	23.1	43.0	57.1	41.5	3.79	22.49	3.88	**27.12**
1824	502	1142	s	Min	-74.3	-29.6	-40.6	-22.8	-64.1	-45.8	50.3	68.1	3.79	36.93	3.42	**41.15**
1824	502	1154	s	Min	-206.7	-51.9	-100.3	-34.4	-48.0	-35.3	112.9	59.0	10.54	32.03	7.67	**44.59**
1824	502	1142	slu	Max	226.1	41.6	118.6	-8.0	76.8	11.2	125.7	77.2	11.52	41.90	8.54	**55.43**
1824	502	1154	slu	Max	-114.6	-20.4	-45.8	2.1	-17.0	32.2	50.1	17.2	5.84	9.31	3.40	**16.26**
1824	502	1142	slu	Min	114.6	20.4	56.7	-15.5	20.4	-4.9	60.3	25.6	5.84	13.88	4.10	**20.96**
1824	502	1154	slu	Min	-226.1	-48.8	-107.6	-8.7	-35.3	8.5	118.2	36.4	11.52	19.73	8.03	**34.21**
1884	559	1164	s	Max	412.4	50.3	131.7	38.0	26.7	28.2	140.9	46.4	21.02	25.19	9.58	**49.09**
1884	559	1165	s	Max	143.7	20.7	51.1	36.6	53.1	29.8	55.1	64.5	7.32	35.00	3.75	**42.82**
1884	559	1164	s	Min	-143.7	-20.7	-45.7	-38.0	-40.6	-25.0	50.2	55.6	7.32	30.18	3.41	**37.97**
1884	559	1165	s	Min	-412.4	-50.3	-126.3	-38.7	-32.6	-28.1	135.9	50.6	21.02	27.48	9.23	**51.07**
1884	559	1164	slu	Max	507.2	48.2	157.2	2.8	2.9	8.5	164.4	4.0	25.85	2.19	11.17	**34.06**
1884	559	1165	slu	Max	-235.5	-25.0	-66.5	10.9	25.2	-0.1	71.1	27.4	12.00	14.89	4.83	**28.16**
1884	559	1164	slu	Min	235.5	25.0	73.9	-4.6	-14.8	-5.4	78.0	15.5	12.00	8.39	5.30	**22.36**
1884	559	1165	slu	Min	-507.2	-52.0	-149.8	-1.6	3.6	-31.5	158.6	4.0	25.85	2.15	10.78	**33.65**

Frame	FrameElem	Joint	Output Case	StepType	F1	F2	F3	M1	M2	M3	F	M	σn	σm	τ	σid
Text	Text	Text	Text	Text	KN	KN	KN	KN-m	KN-m	KN-m	KN	KN-m	MPa	MPa	MPa	MPa

Tubolari ϕ 406.4/9 mm

A= 0.0112 m^2 0.0112

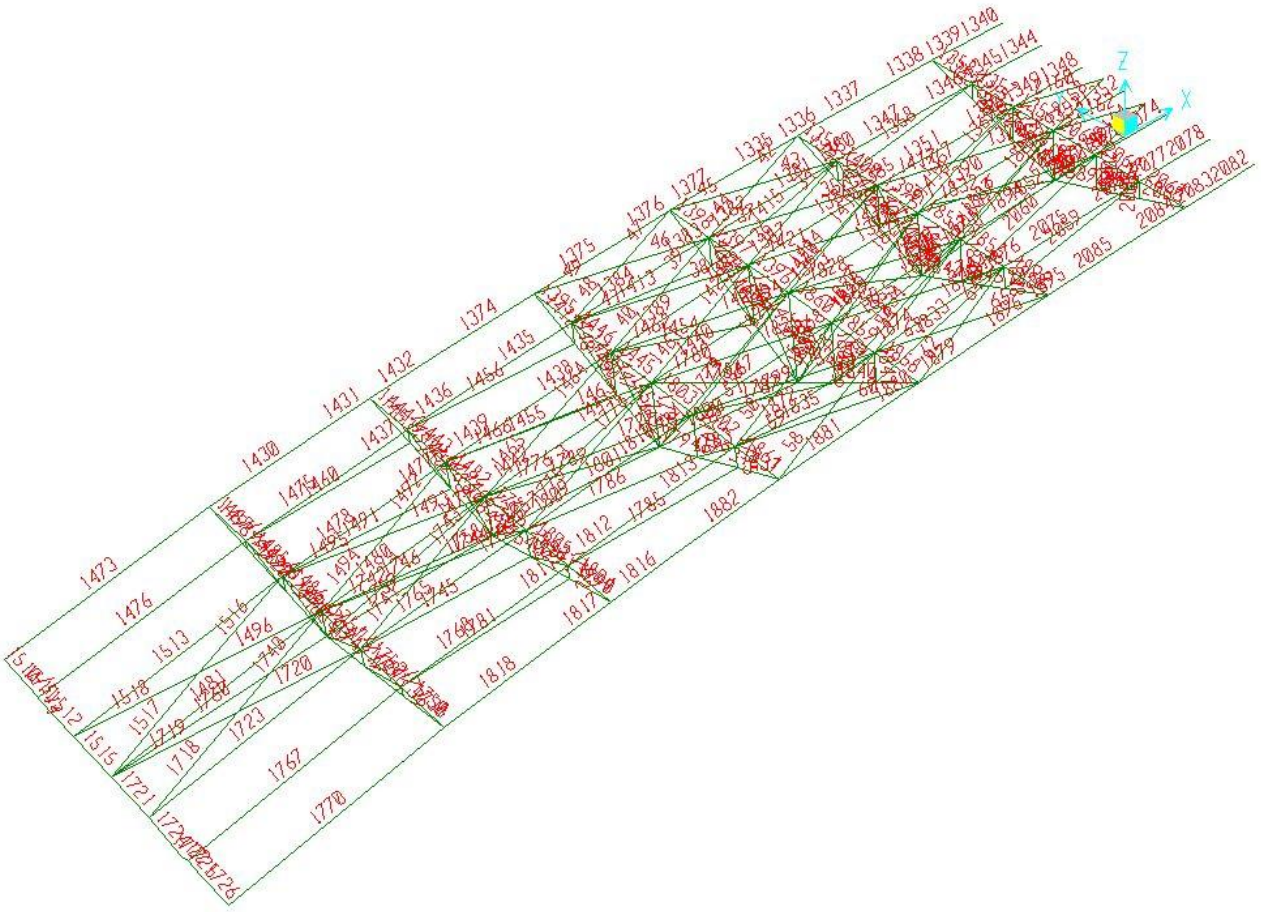
W= 0.0011 m^3 0.0011

1820	498	1152	s	Max	391.8	62.8	160.3	40.4	95.7	31.5	172.1	103.9	34.87	95.13	20.43	**134.72**
1820	498	1153	s	Max	120.6	17.8	53.9	63.1	27.0	85.5	56.7	68.6	10.73	62.84	6.73	**74.49**
1820	498	1152	s	Min	-120.6	-17.8	-48.5	-51.2	-44.8	-21.4	51.6	68.0	10.73	62.27	6.13	**73.77**
1820	498	1153	s	Min	-391.8	-62.8	-154.9	-67.7	-30.5	-76.6	167.1	74.3	34.87	68.02	19.83	**108.47**
1820	498	1152	slu	Max	484.8	66.9	202.9	-2.7	72.8	5.3	213.7	72.9	43.14	66.72	25.36	**118.32**
1820	498	1153	slu	Max	-235.6	-37.2	-88.5	23.8	-0.8	4.8	96.0	23.9	20.97	21.85	11.39	**47.14**
1820	498	1152	slu	Min	235.6	37.2	95.9	-19.3	33.4	-30.4	102.8	38.6	20.97	35.37	12.20	**60.16**

1820	498	1153	slu	Min	-484.8	-69.5	-195.6	-3.0	-5.9	-3.4	207.6	6.6	43.14	6.07	24.63	**65.13**
1885	560	1153	s	Max	409.7	51.0	152.5	26.5	32.6	29.9	160.8	42.0	36.46	38.41	19.08	**81.85**
1885	560	1164	s	Max	141.5	19.9	57.9	38.1	40.7	25.0	61.2	55.8	12.59	51.05	7.26	**64.88**
1885	560	1153	s	Min	-141.5	-19.9	-51.7	-25.6	-28.8	-36.3	55.4	38.5	12.59	35.29	6.57	**49.21**
1885	560	1164	s	Min	-409.7	-51.0	-146.3	-37.6	-26.6	-28.2	155.0	46.1	36.46	42.20	18.39	**84.87**
1885	560	1153	slu	Max	500.7	60.8	187.9	12.2	6.0	3.5	197.5	13.5	44.56	12.39	23.44	**69.93**
1885	560	1164	slu	Max	-234.4	-28.1	-78.1	4.7	14.9	5.4	83.0	15.6	20.86	14.32	9.84	**39.09**
1885	560	1153	slu	Min	234.4	28.1	86.6	-2.1	0.7	-36.4	91.0	2.2	20.86	1.99	10.80	**29.53**
1885	560	1164	slu	Min	-500.7	-61.5	-179.4	-2.6	-2.8	-8.6	189.6	3.8	44.56	3.44	22.50	**61.84**
2086	751	1252	s	Max	400.9	39.8	94.3	14.8	18.4	16.0	102.3	23.6	35.68	21.62	12.14	**61.04**
2086	751	1249	s	Max	132.8	17.9	32.2	15.0	33.6	16.8	36.9	36.8	11.82	33.68	4.38	**46.13**
2086	751	1252	s	Min	-132.8	-17.9	-31.1	-14.7	-33.5	-15.2	35.9	36.6	11.82	33.52	4.26	**45.93**
2086	751	1249	s	Min	-400.9	-39.8	-93.1	-14.7	-23.1	-18.1	101.3	27.3	35.68	25.02	12.02	**64.17**
2086	751	1252	slu	Max	535.0	47.1	127.1	2.1	-12.7	11.2	135.6	12.9	47.62	11.78	16.09	**65.60**
2086	751	1249	slu	Max	-235.7	-20.0	-54.8	8.0	9.6	9.1	58.3	12.5	20.97	11.44	6.92	**34.56**
2086	751	1252	slu	Min	235.7	20.0	56.3	-7.1	-21.7	-6.2	59.8	22.8	20.97	20.91	7.09	**43.65**
2086	751	1249	slu	Min	-535.0	-47.1	-125.6	-1.6	1.8	-11.1	134.1	2.4	47.62	2.18	15.91	**56.92**
2089	754	1250	s	Max	388.5	30.3	51.6	19.1	10.3	36.8	59.8	21.7	34.57	19.91	7.10	**55.86**
2089	754	1251	s	Max	118.9	18.8	17.3	9.5	18.4	52.1	25.6	20.7	10.58	18.95	3.03	**29.99**
2089	754	1250	s	Min	-118.9	-18.8	-11.6	-18.7	-18.3	-37.4	22.1	26.2	10.58	24.00	2.62	**34.87**
2089	754	1251	s	Min	-388.5	-30.3	-45.9	-9.5	-16.8	-52.5	54.9	19.3	34.57	17.69	6.52	**53.47**
2089	754	1250	slu	Max	544.1	24.6	70.7	0.3	-0.5	7.4	74.8	0.6	48.42	0.52	8.88	**51.31**
2089	754	1251	slu	Max	-237.9	-10.3	-26.4	6.5	3.0	7.2	28.4	7.2	21.18	6.57	3.37	**28.35**
2089	754	1250	slu	Min	237.9	10.3	34.3	-8.2	-6.6	0.0	35.8	10.5	21.18	9.60	4.25	**31.64**
2089	754	1251	slu	Min	-558.0	-33.4	-64.8	-0.1	-1.4	-0.1	72.9	1.4	49.66	1.30	8.65	**53.12**
2090	755	1249	s	Max	402.0	37.5	80.2	15.0	23.2	18.1	88.5	27.6	35.78	25.28	10.51	**63.71**
2090	755	1250	s	Max	132.8	19.9	31.1	13.2	26.9	52.9	36.9	29.9	11.82	27.40	4.38	**39.94**
2090	755	1249	s	Min	-132.8	-19.9	-25.7	-14.8	-33.5	-16.8	32.5	36.6	11.82	33.54	3.85	**45.84**
2090	755	1250	s	Min	-402.0	-37.5	-74.8	-13.6	-18.7	-52.1	83.7	23.1	35.78	21.16	9.93	**59.48**
2090	755	1249	slu	Max	539.7	30.2	102.7	2.0	-1.7	11.1	107.0	2.6	48.03	2.39	12.70	**55.01**
2090	755	1250	slu	Max	-237.1	-14.7	-39.8	7.0	6.7	-0.7	42.5	9.7	21.10	8.88	5.04	**31.23**
2090	755	1249	slu	Min	237.1	14.7	47.2	-7.8	-9.5	-9.1	49.4	12.3	21.10	11.24	5.87	**33.91**
2090	755	1250	slu	Min	-539.7	-40.9	-95.3	-0.1	-3.0	-8.9	103.7	3.0	48.03	2.75	12.31	**55.08**

2091	756	1165	s	Max	401.3	39.3	101.3	16.4	29.8	36.2	108.6	34.0	35.71	31.15	12.89	**70.49**
2091	756	1252	s	Max	133.2	17.4	33.1	14.7	33.5	15.2	37.4	36.6	11.85	33.52	4.43	**46.02**
2091	756	1165	s	Min	-133.2	-17.4	-28.0	-15.3	-50.1	-37.7	33.0	52.4	11.85	47.96	3.91	**60.20**
2091	756	1252	s	Min	-401.3	-39.3	-96.2	-14.8	-18.4	-16.0	104.0	23.6	35.71	21.62	12.34	**61.18**
2091	756	1165	slu	Max	535.0	47.1	134.0	0.6	-3.0	8.6	142.1	3.0	47.62	2.77	16.86	**58.23**
2091	756	1252	slu	Max	-235.7	-20.0	-56.3	7.1	21.7	6.2	59.8	22.8	20.97	20.91	7.09	**43.65**
2091	756	1165	slu	Min	235.7	20.0	63.2	-1.3	-25.0	-15.3	66.3	25.1	20.97	22.96	7.87	**46.00**
2091	756	1252	slu	Min	-535.0	-47.1	-127.1	-2.1	12.7	-11.2	135.6	12.9	47.62	11.78	16.09	**65.60**
2094	759	1253	s	Max	542.5	1.9	6.8	0.2	22.0	17.4	7.1	22.0	48.28	20.17	0.84	**68.46**
2094	759	1170	s	Max	271.5	2.0	3.6	0.1	25.5	25.2	4.1	25.5	24.17	23.38	0.48	**47.56**
2094	759	1253	s	Min	-271.5	-2.0	-0.3	-0.2	-18.2	-19.1	2.0	18.2	24.17	16.65	0.23	**40.82**
2094	759	1170	s	Min	-542.5	-1.9	-3.5	-0.2	-23.1	-27.2	4.0	23.1	48.28	21.16	0.48	**69.45**
2094	759	1253	slu	Max	582.1	0.0	4.6	0.3	5.1	-1.4	4.6	5.2	51.81	4.72	0.55	**56.53**
2094	759	1170	slu	Max	-239.5	0.1	0.0	0.0	21.1	-1.8	0.1	21.1	21.31	19.33	0.01	**40.65**
2094	759	1253	slu	Min	239.5	-8.5	3.0	0.1	2.1	-3.8	9.0	2.1	21.31	1.95	1.07	**23.34**
2094	759	1170	slu	Min	-590.6	0.0	-0.3	-0.1	1.9	-12.1	0.3	1.9	52.56	1.76	0.03	**54.32**
2094	760	1170	s	Max	271.2	0.0	0.8	0.1	11.6	13.6	0.8	11.6	24.13	10.58	0.10	**34.71**
2094	760	1254	s	Max	135.7	0.1	0.9	0.1	12.8	12.6	0.9	12.8	12.08	11.69	0.10	**23.77**
2094	760	1170	s	Min	-135.7	-0.1	-0.9	-0.1	-12.8	-12.6	0.9	12.8	12.08	11.69	0.10	**23.77**
2094	760	1254	s	Min	-271.2	0.0	-0.8	-0.1	-11.6	-13.6	0.8	11.6	24.13	10.58	0.10	**34.71**
2094	760	1170	slu	Max	295.3	0.0	0.1	0.0	-1.0	6.0	0.1	1.0	26.28	0.88	0.02	**27.16**
2094	760	1254	slu	Max	-119.7	0.0	0.0	0.0	10.6	-0.9	0.0	10.6	10.66	9.67	0.01	**20.32**
2094	760	1170	slu	Min	119.7	0.0	0.0	0.0	-10.6	0.9	0.0	10.6	10.66	9.67	0.01	**20.32**
2094	760	1254	slu	Min	-295.3	0.0	-0.1	0.0	1.0	-6.0	0.1	1.0	26.28	0.88	0.02	**27.16**
2095	761	1251	s	Max	476.4	16.5	35.1	9.8	13.2	16.9	38.8	16.4	42.40	15.03	4.60	**57.98**
2095	761	1253	s	Max	206.1	10.4	17.5	6.2	13.8	45.4	20.3	15.1	18.34	13.84	2.41	**32.45**
2095	761	1251	s	Min	-206.1	-10.4	-11.7	-9.6	-14.6	-16.8	15.7	17.5	18.34	16.03	1.86	**34.52**
2095	761	1253	s	Min	-476.4	-16.5	-29.3	-6.3	-17.5	-45.2	33.7	18.6	42.40	17.04	3.99	**59.83**
2095	761	1251	slu	Max	563.2	12.8	38.6	0.2	-0.4	6.5	40.6	0.4	50.12	0.37	4.82	**51.18**
2095	761	1253	slu	Max	-238.8	-5.4	-11.8	3.7	-2.1	7.3	13.0	4.2	21.25	3.85	1.54	**25.25**
2095	761	1251	slu	Min	238.8	5.4	19.7	-4.4	-2.9	-0.2	20.4	5.2	21.25	4.79	2.42	**26.38**
2095	761	1253	slu	Min	-578.2	-21.8	-33.6	-0.1	-5.0	0.2	40.0	5.0	51.45	4.62	4.75	**56.67**

Per le aste che relizzano la copertura :



Frame	Frame Elem	Joint	Output Case	StepType	F1	F2	F3	M1	M2	M3	F	M	σn	σm	τ	σid
Text	Text	Text	Text	Text	KN	KN	KN	KN-m	KN-m	KN-m	KN	KN-m	MPa	MPa	MPa	MPa
Tub. 244.6/8 mm																
A=	0.0059 m^2															
W=	0.0003 m^3															
1	831	841	s	Max	199.57	0.40	63.32	0.63	5.90	1.32	63.3	5.9	33.56	17.43	14.20	**56.62**
1	831	821	s	Max	324.82	0.40	102.28	1.27	4.60	0.89	102.3	4.8	54.62	14.02	22.93	**79.31**
1	831	841	s	Min	-324.82	-0.40	-99.63	-0.63	-4.33	-1.32	99.6	4.4	54.62	12.85	22.34	**77.78**
1	831	821	s	Min	-199.57	-0.40	-60.67	-1.27	-2.03	-0.89	60.7	2.4	33.56	7.05	13.60	**46.95**

1	831	841	slu	Max	-40.54	0.00	-11.48	0.06	5.48	0.00	11.5	5.5	6.82	16.09	2.57	**23.34**
1	831	821	slu	Max	208.96	0.06	66.82	0.05	1.97	0.00	66.8	2.0	35.14	5.79	14.98	**48.46**
1	831	841	slu	Min	-208.96	-0.06	-63.38	0.00	1.30	-0.12	63.4	1.3	35.14	3.81	14.21	**46.08**
1	831	821	slu	Min	40.54	0.00	14.13	0.00	1.10	-0.23	14.1	1.1	6.82	3.22	3.17	**11.44**
3	832	840	s	Max	50.51	0.40	20.02	1.46	0.78	1.17	20.0	1.7	8.49	4.85	4.49	**15.45**
3	832	819	s	Max	268.84	0.40	100.67	2.26	3.89	1.23	100.7	4.5	45.21	13.21	22.57	**70.30**
3	832	840	s	Min	-268.84	-0.40	-97.75	-1.46	-1.71	-1.17	97.7	2.2	45.21	6.60	21.92	**64.23**
3	832	819	s	Min	-50.51	-0.40	-17.10	-2.26	0.29	-1.23	17.1	2.3	8.49	6.69	3.83	**16.58**
3	832	840	slu	Max	-99.57	0.61	-35.35	1.42	1.05	1.85	35.4	1.8	16.74	5.20	7.93	**25.89**
3	832	819	slu	Max	340.97	0.00	127.78	0.01	3.59	1.80	127.8	3.6	57.34	10.55	28.65	**84.09**
3	832	840	slu	Min	-340.97	0.00	-123.98	0.00	-0.24	0.00	124.0	0.2	57.34	0.72	27.80	**75.43**
3	832	819	slu	Min	99.57	-0.61	38.27	-2.77	1.88	0.00	38.3	3.3	16.74	9.82	8.58	**30.44**
4	833	823	s	Max	176.10	0.89	98.89	0.59	1.77	2.48	98.9	1.9	29.61	5.46	22.17	**52.01**
4	833	791	s	Max	197.73	0.89	111.01	3.01	3.23	2.26	111.0	4.4	33.25	12.96	24.89	**63.20**
4	833	823	s	Min	-197.73	-0.89	-108.23	-0.59	-4.20	-2.47	108.2	4.2	33.25	12.46	24.27	**62.10**
4	833	791	s	Min	-176.10	-0.89	-96.10	-3.01	0.42	-2.26	96.1	3.0	29.61	8.93	21.55	**53.65**
4	833	823	slu	Max	10.07	0.87	6.70	0.00	-0.75	2.33	6.8	0.8	1.69	2.21	1.51	**4.70**
4	833	791	slu	Max	18.34	0.00	12.13	0.00	3.28	2.28	12.1	3.3	3.08	9.63	2.72	**13.56**
4	833	823	slu	Min	-18.34	0.00	-8.51	-0.03	-1.63	0.00	8.5	1.6	3.08	4.78	1.91	**8.53**
4	833	791	slu	Min	-10.07	-0.87	-3.91	-2.51	2.12	0.00	4.0	3.3	1.69	9.64	0.90	**11.44**
5	834	791	s	Max	160.78	1.17	59.97	3.32	3.29	3.41	60.0	4.7	27.04	13.72	13.45	**46.94**
5	834	793	s	Max	139.55	1.16	68.58	0.74	4.41	2.80	68.6	4.5	23.47	13.12	15.38	**45.26**
5	834	791	s	Min	-139.55	-1.16	-65.93	-3.31	-7.71	-3.40	65.9	8.4	23.47	24.63	14.79	**54.49**
5	834	793	s	Min	-160.78	-1.17	-57.31	-0.74	-2.65	-2.80	57.3	2.8	27.04	8.08	12.85	**41.58**
5	834	791	slu	Max	88.16	0.00	-5.36	0.11	-1.89	0.00	5.4	1.9	14.83	5.54	1.20	**20.48**
5	834	793	slu	Max	-17.62	0.08	38.58	0.00	1.17	0.00	38.6	1.2	2.96	3.44	8.65	**16.29**
5	834	791	slu	Min	17.62	-0.08	-35.36	0.00	-5.27	-0.23	35.4	5.3	2.96	15.48	7.93	**22.99**
5	834	793	slu	Min	-88.16	0.00	8.81	-0.29	-0.26	-0.20	8.8	0.4	14.83	1.14	1.98	**16.33**
6	835	788	s	Max	101.31	0.79	63.54	2.40	4.16	2.32	63.5	4.8	17.04	14.09	14.25	**39.73**
6	835	767	s	Max	189.18	0.79	34.76	0.94	4.79	2.02	34.8	4.9	31.81	14.32	7.80	**48.07**
6	835	788	s	Min	-189.18	-0.79	-32.10	-2.39	-3.49	-2.32	32.1	4.2	31.81	12.43	7.20	**45.97**
6	835	767	s	Min	-101.31	-0.79	-60.88	-0.94	-0.99	-2.02	60.9	1.4	17.04	4.02	13.65	**31.66**
6	835	788	slu	Max	-21.04	0.00	36.20	0.00	3.08	0.00	36.2	3.1	3.54	9.05	8.12	**18.87**

6	835	767	slu	Max	106.07	0.33	-5.36	0.20	3.79	0.00	5.4	3.8	17.84	11.16	1.20	**29.07**
6	835	788	slu	Min	-106.07	-0.33	8.03	-0.80	0.40	-0.89	8.0	0.9	17.84	2.64	1.80	**20.71**
6	835	767	slu	Min	21.04	0.00	-32.74	0.00	1.74	-0.91	32.7	1.7	3.54	5.10	7.34	**15.37**
34	847	764	s	Max	58.93	22.53	5.37	1.77	6.52	0.26	23.2	6.8	9.91	19.84	5.19	**31.08**
34	847	17	s	Max	38.95	14.87	2.80	2.54	2.71	0.53	15.1	3.7	6.55	10.90	3.39	**18.42**
34	847	764	s	Min	-38.95	-14.87	-1.50	-2.93	-2.77	-0.42	14.9	4.0	6.55	11.83	3.35	**19.28**
34	847	17	s	Min	-58.93	-22.53	-4.07	-2.83	-2.54	-0.74	22.9	3.8	9.91	11.18	5.13	**22.89**
34	847	764	slu	Max	20.31	7.78	3.05	-0.30	5.05	0.64	8.4	5.1	3.42	14.85	1.87	**18.56**
34	847	17	slu	Max	32.83	12.73	1.68	-0.20	0.72	0.47	12.8	0.7	5.52	2.19	2.88	**9.18**
34	847	764	slu	Min	-32.83	-12.73	-0.37	-0.87	1.32	-0.13	12.7	1.6	5.52	4.66	2.86	**11.31**
34	847	17	slu	Min	-20.31	-7.78	-1.36	-0.89	-0.59	-0.20	7.9	1.1	3.42	3.14	1.77	**7.24**
35	848	783	s	Max	106.47	32.30	7.70	3.03	5.37	0.80	33.2	6.2	17.91	18.10	7.44	**38.24**
35	848	17	s	Max	87.43	39.45	5.17	2.64	3.37	1.01	39.8	4.3	14.70	12.56	8.92	**31.33**
35	848	783	s	Min	-87.43	-39.45	-3.87	-2.02	-1.82	-0.74	39.6	2.7	14.70	7.98	8.89	**27.42**
35	848	17	s	Min	-106.47	-32.30	-6.39	-2.17	-2.98	-1.13	32.9	3.7	17.91	10.82	7.38	**31.44**
35	848	783	slu	Max	22.55	41.19	3.15	0.94	4.32	0.04	41.3	4.4	3.79	12.97	9.26	**23.20**
35	848	17	slu	Max	108.62	8.45	5.58	0.67	1.03	-0.15	10.1	1.2	18.27	3.61	2.27	**22.23**
35	848	783	slu	Min	-108.62	-8.45	-4.28	0.37	1.62	-0.52	9.5	1.7	18.27	4.89	2.12	**23.45**
35	848	17	slu	Min	-22.55	-41.19	-1.46	0.31	-0.93	-0.83	41.2	1.0	3.79	2.87	9.24	**17.34**
36	849	17	s	Max	63.26	22.52	3.24	2.79	2.10	1.50	22.8	3.5	10.64	10.24	5.10	**22.67**
36	849	785	s	Max	42.67	15.06	3.67	3.20	1.73	2.18	15.5	3.6	7.18	10.70	3.48	**18.86**
36	849	17	s	Min	-42.67	-15.06	-2.37	-2.15	-2.82	-1.11	15.2	3.5	7.18	10.40	3.42	**18.55**
36	849	785	s	Min	-63.26	-22.52	-1.94	-2.33	-5.14	-1.78	22.6	5.6	10.64	16.57	5.07	**28.59**
36	849	17	slu	Max	20.94	7.59	0.99	0.71	-0.14	0.95	7.7	0.7	3.52	2.13	1.72	**6.38**
36	849	785	slu	Max	33.51	12.75	3.44	0.52	-1.22	1.08	13.2	1.3	5.64	3.90	2.96	**10.83**
36	849	17	slu	Min	-33.51	-12.75	-2.12	0.44	-1.26	0.38	12.9	1.3	5.64	3.93	2.90	**10.80**
36	849	785	slu	Min	-20.94	-7.59	0.71	0.19	-2.82	-0.06	7.6	2.8	3.52	8.30	1.71	**12.18**
37	850	17	s	Max	103.97	32.62	7.95	2.52	3.13	0.53	33.6	4.0	17.48	11.79	7.53	**32.05**
37	850	780	s	Max	85.53	39.57	7.65	2.78	2.80	0.87	40.3	3.9	14.38	11.58	9.04	**30.32**
37	850	17	s	Min	-85.53	-39.57	-6.35	-3.33	-2.97	-0.58	40.1	4.5	14.38	13.09	8.99	**31.58**
37	850	780	s	Min	-103.97	-32.62	-6.65	-2.68	-4.84	-0.82	33.3	5.5	17.48	16.24	7.47	**36.12**
37	850	17	slu	Max	21.93	41.21	1.83	-0.07	1.67	-0.04	41.2	1.7	3.69	4.90	9.25	**18.18**
37	850	780	slu	Max	107.93	8.27	6.45	0.94	0.75	0.05	10.5	1.2	18.15	3.53	2.35	**22.06**

37	850	17	slu	Min	-107.93	-8.27	-5.15	-0.69	-0.49	-0.54	9.7	0.8	18.15	2.49	2.18	**20.98**
37	850	780	slu	Min	-21.93	-41.21	-0.13	-0.06	-1.16	-0.91	41.2	1.2	3.69	3.40	9.24	**17.50**
38	851	785	s	Max	53.34	18.18	4.78	3.19	5.39	0.84	18.8	6.3	8.97	18.38	4.21	**28.31**
38	851	18	s	Max	48.87	19.71	3.29	2.46	3.41	0.70	20.0	4.2	8.22	12.34	4.48	**21.98**
38	851	785	s	Min	-48.87	-19.71	-1.99	-2.58	-2.78	-1.04	19.8	3.8	8.22	11.13	4.44	**20.82**
38	851	18	s	Min	-53.34	-18.18	-3.48	-1.91	-3.00	-0.90	18.5	3.6	8.97	10.44	4.15	**20.70**
38	851	785	slu	Max	7.24	16.64	2.03	0.28	1.71	0.33	16.8	1.7	1.22	5.08	3.76	**9.05**
38	851	18	slu	Max	43.29	2.55	3.75	2.11	2.37	-0.01	4.5	3.2	7.28	9.32	1.02	**16.70**
38	851	785	slu	Min	-43.29	-2.55	-2.44	-1.03	0.40	-0.73	3.5	1.1	7.28	3.24	0.79	**10.61**
38	851	18	slu	Min	-7.24	-16.64	-0.33	0.37	-0.78	-0.64	16.6	0.9	1.22	2.54	3.73	**7.48**
39	852	780	s	Max	136.59	51.71	12.20	2.58	4.08	0.99	53.1	4.8	22.97	14.16	11.91	**42.48**
39	852	18	s	Max	107.73	40.81	9.00	2.40	2.62	0.32	41.8	3.6	18.12	10.43	9.37	**32.84**
39	852	780	s	Min	-107.73	-40.81	-7.69	-2.67	-1.60	-0.99	41.5	3.1	18.12	9.15	9.31	**31.68**
39	852	18	s	Min	-136.59	-51.71	-10.89	-3.21	-2.67	-0.38	52.8	4.2	22.97	12.25	11.85	**40.77**
39	852	780	slu	Max	29.62	11.16	3.59	0.33	1.53	0.97	11.7	1.6	4.98	4.60	2.63	**10.61**
39	852	18	slu	Max	118.73	45.30	10.36	0.76	-0.25	0.55	46.5	0.8	19.97	2.36	10.42	**28.71**
39	852	780	slu	Min	-118.73	-45.30	-9.05	-0.57	-0.58	0.02	46.2	0.8	19.97	2.39	10.36	**28.66**
39	852	18	slu	Min	-29.62	-11.16	-1.89	-0.60	-1.34	-0.04	11.3	1.5	4.98	4.31	2.54	**10.28**
40	853	18	s	Max	136.81	51.37	10.88	2.71	3.38	0.59	52.5	4.3	23.01	12.72	11.77	**41.14**
40	853	787	s	Max	107.71	40.33	10.01	2.53	2.22	0.24	41.5	3.4	18.11	9.89	9.32	**32.32**
40	853	18	s	Min	-107.71	-40.33	-8.70	-2.17	-3.61	-0.54	41.3	4.2	18.11	12.37	9.25	**34.44**
40	853	787	s	Min	-136.81	-51.37	-9.57	-1.63	-5.78	-0.50	52.3	6.0	23.01	17.63	11.72	**45.42**
40	853	18	slu	Max	29.90	11.33	2.18	0.56	1.30	0.44	11.5	1.4	5.03	4.17	2.59	**10.23**
40	853	787	slu	Max	119.74	45.35	11.14	1.85	-2.43	0.52	46.7	3.1	20.14	8.97	10.47	**34.30**
40	853	18	slu	Min	-119.74	-45.35	-9.84	-0.89	-0.26	0.07	46.4	0.9	20.14	2.72	10.41	**29.11**
40	853	787	slu	Min	-29.90	-11.33	-0.48	0.42	-4.43	-0.25	11.3	4.5	5.03	13.07	2.54	**18.62**
41	854	18	s	Max	53.38	18.49	2.74	2.02	2.44	0.50	18.7	3.2	8.98	9.29	4.19	**19.66**
41	854	782	s	Max	49.16	20.17	4.15	2.09	4.61	0.39	20.6	5.1	8.27	14.87	4.62	**24.48**
41	854	18	s	Min	-49.16	-20.17	-2.85	-2.31	-2.57	-0.29	20.4	3.5	8.27	10.13	4.57	**20.03**
41	854	782	s	Min	-53.38	-18.49	-1.44	-3.57	-9.12	-0.35	18.5	9.8	8.98	28.74	4.16	**38.40**
41	854	18	slu	Max	6.96	16.60	0.04	-0.20	0.82	0.20	16.6	0.8	1.17	2.46	3.72	**7.40**
41	854	782	slu	Max	43.27	2.72	5.76	1.24	-0.28	0.05	6.4	1.3	7.28	3.74	1.43	**11.29**
41	854	18	slu	Min	-43.27	-2.72	-4.21	-1.98	-1.86	-0.67	5.0	2.7	7.28	7.98	1.12	**15.38**

41	854	782	slu	Min	-6.96	-16.60	1.66	-1.50	-6.67	-0.38	16.7	6.8	1.17	20.07	3.74	**22.21**
42	855	745	s	Max	69.87	25.87	7.15	1.98	9.28	0.76	26.8	9.5	11.75	27.87	6.02	**40.97**
42	855	19	s	Max	73.50	27.08	6.27	5.09	4.89	0.77	27.8	7.1	12.36	20.71	6.23	**34.79**
42	855	745	s	Min	-73.50	-27.08	-4.97	-3.15	-6.18	-0.95	27.5	6.9	12.36	20.36	6.17	**34.42**
42	855	19	s	Min	-69.87	-25.87	-5.84	-4.97	-5.14	-1.00	26.5	7.2	11.75	21.00	5.95	**34.33**
42	855	745	slu	Max	-1.24	-0.33	1.41	0.29	2.77	-0.16	1.4	2.8	0.21	8.17	0.32	**8.40**
42	855	19	slu	Max	56.15	20.75	3.61	0.23	0.36	-0.07	21.1	0.4	9.44	1.26	4.72	**13.47**
42	855	745	slu	Min	-56.15	-20.75	-2.30	-0.83	-0.07	-0.72	20.9	0.8	9.44	2.45	4.68	**14.39**
42	855	19	slu	Min	1.24	0.33	0.29	-1.26	-0.63	-0.36	0.4	1.4	0.21	4.13	0.10	**4.34**
43	856	764	s	Max	95.07	34.57	7.13	4.27	9.16	0.46	35.3	10.1	15.99	29.66	7.91	**47.66**
43	856	19	s	Max	91.41	35.80	5.14	3.38	3.42	0.25	36.2	4.8	15.37	14.11	8.11	**32.66**
43	856	764	s	Min	-91.41	-35.80	-3.83	-3.53	-5.47	-0.69	36.0	6.5	15.37	19.12	8.07	**37.22**
43	856	19	s	Min	-95.07	-34.57	-5.82	-2.31	-2.36	-0.42	35.1	3.3	15.99	9.68	7.86	**29.06**
43	856	764	slu	Max	6.38	40.85	3.18	1.77	6.40	-0.10	41.0	6.6	1.07	19.49	9.19	**26.00**
43	856	19	slu	Max	107.82	2.25	5.73	1.11	1.32	-0.19	6.2	1.7	18.13	5.05	1.38	**23.31**
43	856	764	slu	Min	-107.82	-2.25	-4.42	-0.26	0.84	-0.36	5.0	0.9	18.13	2.59	1.11	**20.81**
43	856	19	slu	Min	-6.38	-40.85	-1.48	0.57	0.41	-0.38	40.9	0.7	1.07	2.05	9.16	**16.18**
44	857	19	s	Max	68.55	25.57	4.77	2.96	8.28	1.43	26.0	8.8	11.53	25.81	5.83	**38.68**
44	857	780	s	Max	71.45	26.98	5.77	4.61	3.51	1.55	27.6	5.8	12.02	16.99	6.19	**30.92**
44	857	19	s	Min	-71.45	-26.98	-4.47	-3.25	-7.76	-0.99	27.4	8.4	12.02	24.71	6.13	**38.23**
44	857	780	s	Min	-68.55	-25.57	-3.47	-3.52	-6.25	-1.15	25.8	7.2	11.53	21.07	5.79	**34.10**
44	857	19	slu	Max	-0.56	-0.51	0.51	0.28	1.16	0.77	0.7	1.2	0.09	3.50	0.16	**3.60**
44	857	780	slu	Max	55.05	20.82	3.61	1.18	1.29	0.88	21.1	1.8	9.26	5.14	4.74	**16.58**
44	857	19	slu	Min	-55.05	-20.82	-2.16	-0.45	-0.96	0.32	20.9	1.1	9.26	3.12	4.69	**14.81**
44	857	780	slu	Min	0.56	0.51	1.19	-0.54	-2.33	-0.15	1.3	2.4	0.09	7.03	0.29	**7.14**
45	858	19	s	Max	96.92	35.12	13.77	4.48	4.44	1.18	37.7	6.3	16.30	18.52	8.46	**37.77**
45	858	778	s	Max	93.98	36.15	15.13	7.57	25.22	2.67	39.2	26.3	15.80	77.30	8.79	**94.34**
45	858	19	s	Min	-93.98	-36.15	-13.82	-5.39	-5.75	-1.21	38.7	7.9	15.80	23.14	8.68	**41.75**
45	858	778	s	Min	-96.92	-35.12	-12.47	-8.17	-27.93	-2.86	37.3	29.1	16.30	85.44	8.36	**102.76**
45	858	19	slu	Max	5.70	40.92	1.89	0.62	0.24	0.22	41.0	0.7	0.96	1.95	9.19	**16.17**
45	858	778	slu	Max	108.92	2.07	9.21	1.12	4.30	0.31	9.4	4.4	18.32	13.06	2.12	**31.59**
45	858	19	slu	Min	-108.92	-2.07	-7.91	-0.83	-2.84	-0.22	8.2	3.0	18.32	8.68	1.83	**27.18**
45	858	778	slu	Min	-5.70	-40.92	-0.45	-1.80	-4.09	-0.38	40.9	4.5	0.96	13.11	9.18	**21.22**

46	859	780	s	Max	32.11	17.43	6.76	4.97	7.55	0.44	18.7	9.0	5.40	26.53	4.19	**32.74**
46	859	20	s	Max	45.98	11.95	8.19	3.33	11.61	0.76	14.5	12.1	7.73	35.46	3.25	**43.56**
46	859	780	s	Min	-45.98	-11.95	-6.88	-4.70	-6.04	-0.74	13.8	7.6	7.73	22.45	3.09	**30.66**
46	859	20	s	Min	-32.11	-17.43	-5.45	-3.87	-13.99	-1.15	18.3	14.5	5.40	42.61	4.10	**48.53**
46	859	780	slu	Max	-9.20	18.90	-0.65	0.16	1.04	-0.04	18.9	1.1	1.55	3.09	4.24	**8.69**
46	859	20	slu	Max	48.95	-3.73	7.04	1.56	2.22	-0.36	8.0	2.7	8.23	7.97	1.79	**16.50**
46	859	780	slu	Min	-48.95	3.73	-5.34	-1.32	-1.33	-0.78	6.5	1.9	8.23	5.49	1.46	**13.95**
46	859	20	slu	Min	9.20	-18.90	2.35	-0.92	-5.03	-0.67	19.0	5.1	1.55	15.01	4.27	**18.13**
47	860	778	s	Max	102.16	38.86	15.95	6.76	30.91	3.51	42.0	31.6	17.18	92.89	9.42	**111.28**
47	860	20	s	Max	96.17	36.32	12.29	4.02	6.08	1.53	38.3	7.3	16.17	21.40	8.60	**40.42**
47	860	778	s	Min	-96.17	-36.32	-10.99	-8.63	-23.90	-3.92	37.9	25.4	16.17	74.60	8.51	**91.96**
47	860	20	s	Min	-102.16	-38.86	-14.65	-5.28	-4.63	-1.85	41.5	7.0	17.18	20.62	9.31	**41.10**
47	860	778	slu	Max	7.56	3.05	4.32	-0.74	9.77	1.25	5.3	9.8	1.27	28.77	1.19	**30.11**
47	860	20	slu	Max	111.19	42.53	9.84	1.50	1.40	0.46	43.7	2.0	18.70	6.01	9.79	**29.96**
47	860	778	slu	Min	-111.19	-42.53	-8.53	-3.08	-2.42	-0.61	43.4	3.9	18.70	11.50	9.73	**34.58**
47	860	20	slu	Min	-7.56	-3.05	-2.63	-0.97	0.15	-0.24	4.0	1.0	1.27	2.88	0.90	**4.44**
48	861	20	s	Max	101.15	37.98	9.13	3.78	5.03	1.35	39.1	6.3	17.01	18.47	8.76	**38.59**
48	861	782	s	Max	94.03	35.55	9.87	3.74	2.71	0.75	36.9	4.6	15.81	13.55	8.27	**32.67**
48	861	20	s	Min	-94.03	-35.55	-8.56	-2.64	-5.29	-0.93	36.6	5.9	15.81	17.37	8.20	**36.09**
48	861	782	s	Min	-101.15	-37.98	-7.82	-3.63	-5.91	-0.48	38.8	6.9	17.01	20.35	8.69	**40.28**
48	861	20	slu	Max	8.56	2.99	0.56	1.11	1.83	0.94	3.0	2.1	1.44	6.28	0.68	**7.81**
48	861	782	slu	Max	111.39	42.36	10.51	1.61	-2.04	0.77	43.6	2.6	18.73	7.62	9.79	**31.33**
48	861	20	slu	Min	-111.39	-42.36	-9.21	-0.64	-0.75	0.28	43.3	1.0	18.73	2.89	9.72	**27.40**
48	861	782	slu	Min	-8.56	-2.99	1.14	-0.29	-4.34	0.25	3.2	4.4	1.44	12.77	0.72	**14.26**
49	862	20	s	Max	32.76	17.59	2.51	5.08	7.93	1.25	17.8	9.4	5.51	27.65	3.98	**33.87**
49	862	776	s	Max	47.77	12.00	4.76	2.15	4.30	0.63	12.9	4.8	8.03	14.11	2.89	**22.71**
49	862	20	s	Min	-47.77	-12.00	-3.45	-4.41	-6.74	-0.95	12.5	8.1	8.03	23.65	2.80	**32.05**
49	862	776	s	Min	-32.76	-17.59	-1.20	-3.89	-8.30	-0.76	17.6	9.2	5.51	26.93	3.95	**33.15**
49	862	20	slu	Max	-10.20	19.22	-0.59	0.71	2.76	0.25	19.2	2.9	1.72	8.38	4.31	**12.56**
49	862	776	slu	Max	50.30	-3.80	5.93	1.01	-0.89	0.15	7.0	1.3	8.46	3.95	1.58	**12.71**
49	862	20	slu	Min	-50.30	3.80	-4.37	-2.41	-2.87	-0.47	5.8	3.8	8.46	11.02	1.30	**19.60**
49	862	776	slu	Min	10.20	-19.22	2.29	-1.42	-5.32	-0.65	19.4	5.5	1.72	16.16	4.34	**19.39**
50	863	21	s	Max	53.39	20.17	2.74	2.30	2.44	0.29	20.4	3.4	8.98	9.85	4.57	**20.42**

50	863	1123	s	Max	49.20	18.51	4.15	3.57	4.62	0.35	19.0	5.8	8.27	17.15	4.25	**26.47**
50	863	21	s	Min	-49.20	-18.51	-2.84	-2.02	-2.57	-0.50	18.7	3.3	8.27	9.59	4.20	**19.29**
50	863	1123	s	Min	-53.39	-20.17	-1.43	-2.09	-9.12	-0.39	20.2	9.4	8.98	27.47	4.53	**37.28**
50	863	21	slu	Max	6.94	2.71	0.04	0.70	1.02	0.42	2.7	1.2	1.17	3.64	0.61	**4.92**
50	863	1123	slu	Max	68.57	26.16	7.37	1.83	-3.46	0.54	27.2	3.9	11.53	11.49	6.09	**25.32**
50	863	21	slu	Min	-68.57	-26.16	-6.06	-0.61	-0.26	-0.20	26.8	0.7	11.53	1.95	6.02	**17.04**
50	863	1123	slu	Min	-6.94	-2.71	1.66	0.64	-6.64	-0.05	3.2	6.7	1.17	19.59	0.71	**20.79**
51	864	21	s	Max	136.87	40.33	10.88	2.17	3.38	0.53	41.8	4.0	23.02	11.78	9.37	**38.40**
51	864	1092	s	Max	107.73	51.39	10.01	1.63	2.23	0.50	52.4	2.8	18.12	8.11	11.74	**33.18**
51	864	21	s	Min	-107.73	-51.39	-8.70	-2.71	-3.62	-0.59	52.1	4.5	18.12	13.28	11.69	**37.35**
51	864	1092	s	Min	-136.87	-40.33	-9.58	-2.53	-5.78	-0.24	41.5	6.3	23.02	18.53	9.30	**44.56**
51	864	21	slu	Max	58.62	8.35	4.97	-0.31	1.29	-0.07	9.7	1.3	9.86	3.91	2.18	**14.28**
51	864	1092	slu	Max	21.62	21.86	3.49	1.01	-1.15	0.25	22.1	1.5	3.64	4.49	4.96	**11.83**
51	864	21	slu	Min	-21.62	-21.86	-1.79	-1.29	0.12	-0.65	21.9	1.3	3.64	3.79	4.92	**11.30**
51	864	1092	slu	Min	-58.62	-8.35	-3.66	-0.62	-4.43	-0.16	9.1	4.5	9.86	13.12	2.04	**23.25**
52	865	1118	s	Max	136.64	40.82	12.20	2.67	4.08	0.99	42.6	4.9	22.98	14.31	9.55	**40.80**
52	865	21	s	Max	107.75	51.73	9.00	3.21	2.63	0.39	52.5	4.2	18.12	12.19	11.77	**36.53**
52	865	1118	s	Min	-107.75	-51.73	-7.69	-2.58	-1.60	-0.99	52.3	3.0	18.12	8.91	11.73	**33.82**
52	865	21	s	Min	-136.64	-40.82	-10.90	-2.39	-2.66	-0.32	42.3	3.6	22.98	10.52	9.47	**37.30**
52	865	1118	slu	Max	57.76	8.39	5.92	0.09	1.86	0.24	10.3	1.9	9.71	5.47	2.30	**15.70**
52	865	21	slu	Max	21.61	21.71	2.31	0.86	-0.01	0.04	21.8	0.9	3.63	2.52	4.90	**10.48**
52	865	1118	slu	Min	-21.61	-21.71	-0.61	-0.32	0.98	-0.42	21.7	1.0	3.63	3.03	4.87	**10.75**
52	865	21	slu	Min	-57.76	-8.39	-4.61	0.21	-1.33	-0.41	9.6	1.4	9.71	3.96	2.15	**14.17**
53	866	1117	s	Max	53.35	19.71	4.78	2.58	5.39	1.04	20.3	6.0	8.97	17.55	4.55	**27.67**
53	866	21	s	Max	48.92	18.19	3.29	1.91	3.40	0.90	18.5	3.9	8.23	11.46	4.15	**20.95**
53	866	1117	s	Min	-48.92	-18.19	-1.98	-3.20	-2.78	-0.84	18.3	4.2	8.23	12.44	4.10	**21.85**
53	866	21	s	Min	-53.35	-19.71	-3.47	-2.46	-3.00	-0.70	20.0	3.9	8.97	11.39	4.49	**21.80**
53	866	1117	slu	Max	7.22	2.54	2.03	0.41	2.18	1.41	3.2	2.2	1.21	6.50	0.73	**7.82**
53	866	21	slu	Max	67.70	26.30	5.70	1.04	0.45	0.70	26.9	1.1	11.39	3.32	6.03	**18.04**
53	866	1117	slu	Min	-67.70	-26.30	-4.40	-1.51	0.40	0.24	26.7	1.6	11.39	4.59	5.98	**19.04**
53	866	21	slu	Min	-7.22	-2.54	-0.33	-0.60	-1.31	0.23	2.6	1.4	1.21	4.24	0.57	**5.54**
54	867	22	s	Max	103.99	39.58	7.95	3.32	3.13	0.58	40.4	4.6	17.49	13.40	9.05	**34.63**
54	867	1118	s	Max	85.55	32.63	7.65	2.69	2.80	0.82	33.5	3.9	14.39	11.39	7.52	**28.88**

54	867	22	s	Min	-85.55	-32.63	-6.35	-2.52	-2.97	-0.53	33.2	3.9	14.39	11.44	7.45	**28.87**
54	867	1118	s	Min	-103.99	-39.58	-6.65	-2.78	-4.84	-0.87	40.1	5.6	17.49	16.38	9.00	**37.28**
54	867	22	slu	Max	40.48	15.22	2.21	0.59	1.66	0.43	15.4	1.8	6.81	5.18	3.45	**13.39**
54	867	1118	slu	Max	26.67	10.34	2.58	1.32	0.38	0.34	10.7	1.4	4.49	4.02	2.39	**9.46**
54	867	22	slu	Min	-26.67	-10.34	-0.88	-0.67	0.28	0.04	10.4	0.7	4.49	2.13	2.33	**7.74**
54	867	1118	slu	Min	-40.48	-15.22	-0.91	-0.94	-2.34	-0.23	15.2	2.5	6.81	7.39	3.42	**15.38**
55	868	22	s	Max	63.30	15.07	3.24	2.15	2.10	1.11	15.4	3.0	10.65	8.82	3.46	**20.36**
55	868	1117	s	Max	42.72	22.53	3.67	2.33	1.74	1.78	22.8	2.9	7.18	8.53	5.12	**18.04**
55	868	22	s	Min	-42.72	-22.53	-2.37	-2.79	-2.82	-1.50	22.7	4.0	7.18	11.63	5.08	**20.77**
55	868	1117	s	Min	-63.30	-15.07	-1.94	-3.20	-5.14	-2.18	15.2	6.1	10.65	17.78	3.41	**29.03**
55	868	22	slu	Max	20.94	17.03	0.99	-0.40	0.25	-0.39	17.1	0.5	3.52	1.40	3.82	**8.25**
55	868	1117	slu	Max	43.93	7.59	3.44	0.12	-1.21	-0.40	8.3	1.2	7.39	3.55	1.87	**11.41**
55	868	22	slu	Min	-43.93	-7.59	-2.11	-0.71	-0.52	-0.95	7.9	0.9	7.39	2.59	1.77	**10.44**
55	868	1117	slu	Min	-20.94	-17.03	0.71	-0.51	-2.83	-1.08	17.0	2.9	3.52	8.43	3.82	**13.66**
56	869	1113	s	Max	106.50	39.46	7.70	2.01	5.37	0.74	40.2	5.7	17.91	16.83	9.01	**38.08**
56	869	22	s	Max	87.45	32.31	5.17	2.17	3.37	1.13	32.7	4.0	14.71	11.76	7.34	**29.36**
56	869	1113	s	Min	-87.45	-32.31	-3.87	-3.04	-1.82	-0.80	32.5	3.5	14.71	10.39	7.30	**28.10**
56	869	22	s	Min	-106.50	-39.46	-6.39	-2.63	-2.98	-1.00	40.0	4.0	17.91	11.67	8.96	**33.41**
56	869	1113	slu	Max	40.93	15.04	3.29	-0.55	4.31	0.52	15.4	4.3	6.88	12.76	3.45	**20.54**
56	869	22	slu	Max	26.73	10.38	1.34	0.10	-0.02	0.83	10.5	0.1	4.50	0.31	2.35	**6.29**
56	869	1113	slu	Min	-26.73	-10.38	0.36	-0.94	2.00	-0.04	10.4	2.2	4.50	6.49	2.33	**11.70**
56	869	22	slu	Min	-40.93	-15.04	-1.98	-0.41	-0.95	0.15	15.2	1.0	6.88	3.03	3.40	**11.53**
57	870	1109	s	Max	58.96	14.88	5.37	2.93	6.52	0.42	15.8	7.1	9.92	20.98	3.55	**31.51**
57	870	22	s	Max	38.99	22.55	2.81	2.83	2.72	0.74	22.7	3.9	6.56	11.53	5.09	**20.12**
57	870	1109	s	Min	-38.99	-22.55	-1.50	-1.77	-2.78	-0.26	22.6	3.3	6.56	9.67	5.07	**18.45**
57	870	22	s	Min	-58.96	-14.88	-4.07	-2.53	-2.54	-0.53	15.4	3.6	9.92	10.53	3.46	**21.31**
57	870	1109	slu	Max	20.31	17.20	3.05	0.87	5.03	0.13	17.5	5.1	3.42	15.00	3.92	**19.63**
57	870	22	slu	Max	44.37	7.78	1.88	0.97	0.27	0.20	8.0	1.0	7.46	2.96	1.79	**10.88**
57	870	1109	slu	Min	-44.37	-7.78	-0.57	0.30	3.10	-0.73	7.8	3.1	7.46	9.15	1.75	**16.88**
57	870	22	slu	Min	-20.31	-17.20	-1.36	0.21	-0.59	-0.55	17.3	0.6	3.42	1.85	3.87	**8.52**
58	871	23	s	Max	32.81	12.01	2.51	4.41	7.93	0.95	12.3	9.1	5.52	26.64	2.75	**32.51**
58	871	1124	s	Max	47.82	17.60	4.76	3.89	4.30	0.76	18.2	5.8	8.04	17.04	4.09	**26.06**
58	871	23	s	Min	-47.82	-17.60	-3.45	-5.08	-6.74	-1.25	17.9	8.4	8.04	24.78	4.02	**33.55**

58	871	1124	s	Min	-32.81	-12.01	-1.21	-2.15	-8.30	-0.63	12.1	8.6	5.52	25.18	2.71	**31.05**
58	871	23	slu	Max	-10.20	-3.80	-0.59	0.89	2.76	1.03	3.8	2.9	1.72	8.50	0.86	**10.33**
58	871	1124	slu	Max	50.18	19.18	5.82	1.41	-3.03	1.68	20.0	3.3	8.44	9.82	4.49	**19.85**
58	871	23	slu	Min	-50.18	-19.18	-4.19	-0.72	-0.24	-0.25	19.6	0.8	8.44	2.22	4.40	**13.10**
58	871	1124	slu	Min	10.20	3.80	2.29	0.27	-5.28	0.13	4.4	5.3	1.72	15.53	0.99	**17.33**
59	872	23	s	Max	101.20	35.56	9.13	2.64	5.03	0.93	36.7	5.7	17.02	16.68	8.23	**36.59**
59	872	1123	s	Max	94.05	38.00	9.87	3.63	2.71	0.48	39.3	4.5	15.82	13.30	8.80	**32.86**
59	872	23	s	Min	-94.05	-38.00	-8.56	-3.78	-5.30	-1.35	38.9	6.5	15.82	19.11	8.73	**38.06**
59	872	1123	s	Min	-101.20	-35.56	-7.82	-3.74	-5.90	-0.75	36.4	7.0	17.02	20.51	8.16	**40.10**
59	872	23	slu	Max	78.21	6.08	6.01	-0.49	1.82	-0.38	8.5	1.9	13.15	5.54	1.92	**18.98**
59	872	1123	slu	Max	15.10	28.98	3.25	0.29	-2.72	-0.25	29.2	2.7	2.54	8.02	6.54	**15.48**
59	872	23	slu	Min	-15.10	-28.98	-1.55	-1.10	0.12	-0.94	29.0	1.1	2.54	3.26	6.51	**12.67**
59	872	1123	slu	Min	-78.21	-6.08	-4.70	-0.63	-4.32	-0.74	7.7	4.4	13.15	12.82	1.72	**26.15**
60	873	1119	s	Max	102.20	36.33	15.95	8.63	30.91	3.92	39.7	32.1	17.19	94.21	8.90	**112.46**
60	873	23	s	Max	96.19	38.87	12.28	5.28	6.08	1.85	40.8	8.1	16.18	23.65	9.14	**42.86**
60	873	1119	s	Min	-96.19	-38.87	-10.98	-6.76	-23.88	-3.51	40.4	24.8	16.18	72.86	9.06	**90.40**
60	873	23	s	Min	-102.20	-36.33	-14.65	-4.02	-4.63	-1.53	39.2	6.1	17.19	18.00	8.78	**38.34**
60	873	1119	slu	Max	78.25	5.99	6.74	3.08	9.78	0.80	9.0	10.3	13.16	30.10	2.02	**43.40**
60	873	23	slu	Max	15.24	29.72	1.47	0.97	1.00	0.24	29.8	1.4	2.56	4.10	6.67	**13.34**
60	873	1119	slu	Min	-15.24	-29.72	0.23	-0.75	1.39	-0.36	29.7	1.6	2.56	4.64	6.66	**13.60**
60	873	23	slu	Min	-78.25	-5.99	-5.44	-0.10	-1.72	-0.30	8.1	1.7	13.16	5.07	1.81	**18.50**
61	874	1118	s	Max	32.16	11.96	6.77	4.70	7.55	0.74	13.7	8.9	5.41	26.10	3.08	**31.96**
61	874	23	s	Max	46.03	17.45	8.19	3.88	11.61	1.15	19.3	12.2	7.74	35.93	4.32	**44.31**
61	874	1118	s	Min	-46.03	-17.45	-6.88	-4.97	-6.04	-0.44	18.8	7.8	7.74	22.97	4.21	**31.56**
61	874	23	s	Min	-32.16	-11.96	-5.46	-3.33	-13.99	-0.77	13.1	14.4	5.41	42.21	2.95	**47.89**
61	874	1118	slu	Max	-9.20	-3.73	-0.65	1.31	2.84	0.78	3.8	3.1	1.55	9.18	0.85	**10.82**
61	874	23	slu	Max	48.84	18.86	7.03	0.92	-0.04	0.67	20.1	0.9	8.21	2.70	4.51	**13.42**
61	874	1118	slu	Min	-48.84	-18.86	-5.33	-1.41	-1.32	0.31	19.6	1.9	8.21	5.66	4.39	**15.82**
61	874	23	slu	Min	9.20	3.73	2.35	-0.29	-5.02	-0.03	4.4	5.0	1.55	14.76	0.99	**16.39**
62	875	24	s	Max	96.98	36.17	13.76	5.38	4.44	1.21	38.7	7.0	16.31	20.48	8.68	**39.74**
62	875	1119	s	Max	94.02	35.14	15.11	8.17	25.20	2.86	38.2	26.5	15.81	77.77	8.58	**94.75**
62	875	24	s	Min	-94.02	-35.14	-13.80	-4.48	-5.75	-1.18	37.8	7.3	15.81	21.40	8.46	**40.00**
62	875	1119	s	Min	-96.98	-36.17	-12.46	-7.57	-27.89	-2.67	38.3	28.9	16.31	84.84	8.58	**102.24**

62	875	24	slu	Max	75.39	28.23	6.40	0.65	2.51	0.53	28.9	2.6	12.68	7.62	6.49	**23.20**
62	875	1119	slu	Max	15.84	5.84	2.47	0.76	4.28	0.38	6.3	4.4	2.66	12.77	1.42	**15.63**
62	875	24	slu	Min	-15.84	-5.84	-0.77	-1.25	-0.90	-0.02	5.9	1.5	2.66	4.51	1.32	**7.53**
62	875	1119	slu	Min	-75.39	-28.23	-5.09	-1.12	-1.92	-0.31	28.7	2.2	12.68	6.52	6.43	**22.20**
63	876	24	s	Max	68.57	26.98	4.77	3.25	8.26	0.99	27.4	8.9	11.53	26.06	6.14	**39.07**
63	876	1118	s	Max	71.44	25.58	5.77	3.52	3.50	1.15	26.2	5.0	12.01	14.59	5.88	**28.49**
63	876	24	s	Min	-71.44	-25.58	-4.47	-2.97	-7.77	-1.43	26.0	8.3	12.01	24.40	5.82	**37.79**
63	876	1118	s	Min	-68.57	-26.98	-3.46	-4.61	-6.25	-1.55	27.2	7.8	11.53	22.80	6.10	**35.92**
63	876	24	slu	Max	-0.53	14.26	0.50	0.45	0.94	-0.06	14.3	1.0	0.09	3.05	3.20	**6.37**
63	876	1118	slu	Max	37.16	-0.50	3.71	-0.25	-1.32	-0.38	3.7	1.3	6.25	3.95	0.84	**10.30**
63	876	24	slu	Min	-37.16	0.50	-2.40	-1.34	-2.22	-0.77	2.5	2.6	6.25	7.61	0.55	**13.89**
63	876	1118	slu	Min	0.53	-14.26	1.19	-1.18	-3.04	-0.88	14.3	3.3	0.09	9.58	3.21	**11.15**
64	877	1109	s	Max	95.13	35.82	7.13	3.52	9.15	0.69	36.5	9.8	16.00	28.79	8.19	**46.98**
64	877	24	s	Max	91.45	34.58	5.14	2.31	3.42	0.42	35.0	4.1	15.38	12.11	7.84	**30.66**
64	877	1109	s	Min	-91.45	-34.58	-3.83	-4.27	-5.47	-0.46	34.8	6.9	15.38	20.36	7.80	**38.21**
64	877	24	s	Min	-95.13	-35.82	-5.82	-3.37	-2.36	-0.25	36.3	4.1	16.00	12.09	8.14	**31.42**
64	877	1109	slu	Max	74.67	27.97	5.96	-0.54	6.38	0.23	28.6	6.4	12.56	18.81	6.41	**33.28**
64	877	24	slu	Max	14.96	5.77	0.21	0.50	0.61	0.43	5.8	0.8	2.52	2.32	1.30	**5.33**
64	877	1109	slu	Min	-14.96	-5.77	1.49	-1.77	3.11	0.02	6.0	3.6	2.52	10.50	1.34	**13.22**
64	877	24	slu	Min	-74.67	-27.97	-4.65	-0.90	-0.95	0.19	28.3	1.3	12.56	3.85	6.36	**19.76**
65	878	1112	s	Max	69.90	27.08	7.14	3.15	9.28	0.95	28.0	9.8	11.75	28.77	6.28	**41.95**
65	878	24	s	Max	73.49	25.88	6.26	4.97	4.89	1.00	26.6	7.0	12.36	20.47	5.97	**34.42**
65	878	1112	s	Min	-73.49	-25.88	-4.96	-1.98	-6.17	-0.76	26.4	6.5	12.36	19.03	5.91	**33.02**
65	878	24	s	Min	-69.90	-27.08	-5.84	-5.08	-5.14	-0.77	27.7	7.2	11.75	21.21	6.21	**34.67**
65	878	1112	slu	Max	-1.21	14.19	1.41	0.83	2.74	0.45	14.3	2.9	0.20	8.42	3.20	**10.24**
65	878	24	slu	Max	38.04	-0.32	2.32	2.08	0.66	0.19	2.3	2.2	6.40	6.41	0.53	**12.84**
65	878	1112	slu	Min	-38.04	0.32	-0.63	-0.93	1.36	-1.41	0.7	1.6	6.40	4.84	0.16	**11.24**
65	878	24	slu	Min	1.21	-14.19	0.29	-0.22	-0.62	-0.89	14.2	0.7	0.20	1.94	3.18	**5.91**
1335	12	744	s	Max	130.69	0.31	8.52	2.79	10.91	0.58	8.5	11.3	21.98	33.05	1.91	**55.13**
1335	12	745	s	Max	120.68	0.32	7.90	2.20	10.23	0.52	7.9	10.5	20.29	30.72	1.77	**51.11**
1335	12	744	s	Min	-120.68	-0.32	-6.47	-2.17	-12.66	-0.58	6.5	12.8	20.29	37.71	1.45	**58.06**
1335	12	745	s	Min	-130.69	-0.31	-7.09	-2.81	-8.89	-0.54	7.1	9.3	21.98	27.38	1.59	**49.43**
1335	12	744	slu	Max	88.76	-0.02	7.53	0.46	-1.90	-0.02	7.5	1.9	14.93	5.72	1.69	**20.86**

1335	12	745	slu	Max	-5.06	2.19	0.32	0.40	0.77	-0.03	2.2	0.9	0.85	2.55	0.50	**3.51**
1335	12	744	slu	Min	5.06	-2.19	1.54	-0.08	-7.68	-3.32	2.7	7.7	0.85	22.56	0.60	**23.44**
1335	12	745	slu	Min	-88.76	0.02	-6.11	-0.46	-4.10	-3.50	6.1	4.1	14.93	12.12	1.37	**27.15**
1336	13	745	s	Max	188.37	4.94	31.45	1.68	11.38	2.04	31.8	11.5	31.68	33.76	7.14	**66.59**
1336	13	746	s	Max	175.49	3.03	27.38	2.48	4.81	1.10	27.5	5.4	29.51	15.89	6.18	**46.65**
1336	13	745	s	Min	-175.49	-3.03	-27.15	-2.47	-15.01	-1.41	27.3	15.2	29.51	44.67	6.13	**74.94**
1336	13	746	s	Min	-188.37	-4.94	-31.23	-1.74	-2.77	-0.80	31.6	3.3	31.68	9.59	7.09	**43.06**
1336	13	745	slu	Max	122.05	32.95	1.59	-0.54	6.47	10.66	33.0	6.5	20.52	19.06	7.40	**41.61**
1336	13	746	slu	Max	-6.14	-2.08	14.40	0.82	1.64	5.34	14.6	1.8	1.03	5.39	3.26	**8.55**
1336	13	745	slu	Min	6.14	2.08	-14.11	-1.81	-2.16	0.63	14.3	2.8	1.03	8.27	3.20	**10.83**
1336	13	746	slu	Min	-122.05	-32.95	-1.30	0.48	0.28	0.38	33.0	0.5	20.52	1.61	7.39	**25.57**
1337	14	746	s	Max	191.62	0.32	8.44	2.03	2.68	0.65	8.4	3.4	32.22	9.87	1.89	**42.22**
1337	14	747	s	Max	175.27	0.25	7.07	2.13	5.70	0.50	7.1	6.1	29.47	17.87	1.59	**47.42**
1337	14	746	s	Min	-175.27	-0.25	-5.44	-2.13	-4.90	-0.52	5.4	5.3	29.47	15.68	1.22	**45.20**
1337	14	747	s	Min	-191.62	-0.32	-6.81	-2.04	-6.55	-0.38	6.8	6.9	32.22	20.13	1.53	**52.42**
1337	14	746	slu	Max	121.69	0.40	4.94	-0.07	-0.35	0.10	5.0	0.4	20.46	1.05	1.11	**21.60**
1337	14	747	slu	Max	-8.83	-0.06	1.24	0.51	7.09	1.57	1.2	7.1	1.49	20.87	0.28	**22.36**
1337	14	746	slu	Min	8.83	0.06	0.84	-0.55	-1.75	-0.60	0.8	1.8	1.49	5.39	0.19	**6.89**
1337	14	747	slu	Min	-121.69	-0.40	-3.31	0.06	-0.90	0.12	3.3	0.9	20.46	2.66	0.75	**23.16**
1338	15	747	s	Max	193.79	0.73	6.98	2.37	6.48	0.43	7.0	6.9	32.59	20.27	1.57	**52.93**
1338	15	768	s	Max	176.44	1.07	7.70	1.75	13.93	0.99	7.8	14.0	29.67	41.23	1.74	**70.96**
1338	15	747	s	Min	-176.44	-1.07	-6.81	-1.77	-5.76	-0.71	6.9	6.0	29.67	17.68	1.55	**47.43**
1338	15	768	s	Min	-193.79	-0.73	-6.09	-2.35	-12.57	-1.37	6.1	12.8	32.59	37.54	1.38	**70.17**
1338	15	747	slu	Max	100.36	-0.40	13.80	0.40	0.85	-0.32	13.8	0.9	16.88	2.76	3.10	**20.35**
1338	15	768	slu	Max	-8.91	4.88	0.79	0.21	3.80	-0.46	4.9	3.8	1.50	11.19	1.11	**12.83**
1338	15	747	slu	Min	8.91	-4.88	0.10	-0.03	-7.18	-3.97	4.9	7.2	1.50	21.08	1.09	**22.65**
1338	15	768	slu	Min	-100.36	0.40	-12.64	-0.39	-16.90	-5.47	12.7	16.9	16.88	49.63	2.84	**66.69**
1338	16	768	s	Max	193.92	64.29	14.97	1.30	13.23	1.70	66.0	13.3	32.61	39.04	14.80	**76.10**
1338	16	748	s	Max	176.62	48.73	11.46	1.31	14.67	1.06	50.1	14.7	29.70	43.25	11.22	**75.50**
1338	16	768	s	Min	-176.62	-48.73	-11.45	-1.30	-14.83	-1.17	50.1	14.9	29.70	43.71	11.22	**75.94**
1338	16	748	s	Min	-193.92	-64.29	-14.97	-1.31	-13.12	-1.37	66.0	13.2	32.61	38.71	14.80	**75.79**
1338	16	768	slu	Max	100.53	14.86	4.85	-0.03	18.73	5.42	15.6	18.7	16.91	54.99	3.50	**72.15**
1338	16	748	slu	Max	-8.65	61.33	8.44	0.55	3.94	-0.21	61.9	4.0	1.45	11.68	13.88	**27.40**

1338	16	768	slu	Min	8.65	-61.33	-8.43	-0.53	-3.98	0.34	61.9	4.0	1.45	11.79	13.88	**27.45**
1338	16	748	slu	Min	-100.53	-14.86	-4.84	0.02	-18.61	-5.21	15.6	18.6	16.91	54.62	3.50	**71.79**
1346	24	753	s	Max	147.63	0.66	4.75	2.13	6.87	0.58	4.8	7.2	24.83	21.10	1.07	**45.97**
1346	24	752	s	Max	119.31	0.98	8.37	2.05	7.17	0.72	8.4	7.5	20.06	21.90	1.89	**42.09**
1346	24	753	s	Min	-119.31	-0.98	-7.47	-2.05	-3.43	-0.85	7.5	4.0	20.06	11.75	1.69	**31.95**
1346	24	752	s	Min	-147.63	-0.66	-3.85	-2.11	-2.42	-1.06	3.9	3.2	24.83	9.43	0.88	**34.29**
1346	24	753	slu	Max	103.74	-0.34	5.13	0.07	11.44	-0.30	5.1	11.4	17.45	33.57	1.15	**51.06**
1346	24	752	slu	Max	-23.65	3.07	14.12	0.47	18.32	-0.36	14.4	18.3	3.98	53.79	3.24	**58.04**
1346	24	753	slu	Min	23.65	-3.07	-12.96	-0.34	-2.14	-3.12	13.3	2.2	3.98	6.36	2.99	**11.56**
1346	24	752	slu	Min	-103.74	0.34	-4.24	-0.06	-2.83	-2.85	4.3	2.8	17.45	8.32	0.95	**25.82**
1347	25	754	s	Max	165.20	0.27	7.33	2.12	1.61	0.47	7.3	2.7	27.78	7.80	1.65	**35.70**
1347	25	753	s	Max	135.10	0.24	4.32	2.05	3.43	0.51	4.3	4.0	22.72	11.75	0.97	**34.51**
1347	25	754	s	Min	-135.10	-0.24	-2.69	-2.06	-5.56	-0.43	2.7	5.9	22.72	17.42	0.61	**40.15**
1347	25	753	s	Min	-165.20	-0.27	-5.70	-2.11	-6.87	-0.45	5.7	7.2	27.78	21.09	1.28	**48.92**
1347	25	754	slu	Max	101.54	0.29	8.66	0.05	1.23	0.63	8.7	1.2	17.08	3.60	1.94	**20.95**
1347	25	753	slu	Max	-24.22	0.07	-1.39	0.48	2.14	0.39	1.4	2.2	4.07	6.43	0.31	**10.52**
1347	25	754	slu	Min	24.22	-0.07	3.02	-0.47	-7.21	-0.05	3.0	7.2	4.07	21.22	0.68	**25.32**
1347	25	753	slu	Min	-101.54	-0.29	-6.54	-0.06	-11.44	-0.19	6.5	11.4	17.08	33.57	1.47	**50.71**
1350	28	758	s	Max	113.31	1.70	2.76	2.07	5.46	1.42	3.2	5.8	19.06	17.13	0.73	**36.21**
1350	28	757	s	Max	76.74	1.71	6.11	2.00	5.77	1.90	6.3	6.1	12.90	17.93	1.42	**30.93**
1350	28	758	s	Min	-76.74	-1.71	-5.22	-1.99	-2.01	-1.46	5.5	2.8	12.90	8.32	1.23	**21.33**
1350	28	757	s	Min	-113.31	-1.70	-1.86	-2.07	-1.21	-1.88	2.5	2.4	19.06	7.05	0.57	**26.12**
1350	28	758	slu	Max	94.74	0.02	4.87	0.08	11.53	-0.02	4.9	11.5	15.93	33.86	1.09	**49.83**
1350	28	757	slu	Max	-32.44	1.22	13.93	0.58	17.98	0.06	14.0	18.0	5.46	52.81	3.14	**58.52**
1350	28	758	slu	Min	32.44	-1.22	-12.77	-0.53	-1.98	-1.09	12.8	2.1	5.46	6.02	2.88	**12.51**
1350	28	757	slu	Min	-94.74	-0.02	-3.97	-0.09	-3.07	-1.28	4.0	3.1	15.93	9.03	0.89	**25.01**
1351	29	759	s	Max	100.57	0.40	5.59	2.05	0.96	0.84	5.6	2.3	16.91	6.65	1.26	**23.66**
1351	29	758	s	Max	74.72	0.31	2.64	2.00	2.01	0.73	2.7	2.8	12.57	8.33	0.60	**20.92**
1351	29	759	s	Min	-74.72	-0.31	-1.01	-1.98	-5.13	-0.69	1.1	5.5	12.57	16.14	0.24	**28.71**
1351	29	758	s	Min	-100.57	-0.40	-3.96	-2.07	-5.46	-0.56	4.0	5.8	16.91	17.13	0.89	**34.08**
1351	29	759	slu	Max	81.30	0.21	8.76	0.07	0.37	0.21	8.8	0.4	13.67	1.10	1.96	**15.16**
1351	29	758	slu	Max	-21.26	0.22	-0.91	0.57	1.98	0.55	0.9	2.1	3.58	6.06	0.21	**9.64**
1351	29	759	slu	Min	21.26	-0.22	2.54	-0.55	-7.66	-0.56	2.6	7.7	3.58	22.54	0.57	**26.14**

1351	29	758	slu	Min	-81.30	-0.21	-6.64	-0.09	-11.53	-0.23	6.6	11.5	13.67	33.86	1.49	**47.60**
1354	32	763	s	Max	158.72	0.27	3.04	1.63	4.11	0.36	3.1	4.4	26.69	12.97	0.69	**39.68**
1354	32	762	s	Max	143.12	0.27	7.97	1.62	7.82	0.34	8.0	8.0	24.07	23.45	1.79	**47.62**
1354	32	763	s	Min	-143.12	-0.27	-7.07	-1.63	-0.77	-0.36	7.1	1.8	24.07	5.28	1.59	**29.48**
1354	32	762	s	Min	-158.72	-0.27	-2.15	-1.63	-0.94	-0.34	2.2	1.9	26.69	5.52	0.49	**32.23**
1354	32	763	slu	Max	61.15	0.00	-3.74	0.00	11.64	0.00	3.7	11.6	10.28	34.16	0.84	**44.47**
1354	32	762	slu	Max	-11.44	0.16	16.23	0.49	20.25	0.00	16.2	20.3	1.92	59.47	3.64	**61.71**
1354	32	763	slu	Min	11.44	-0.16	-15.07	-0.49	3.84	-0.14	15.1	3.9	1.92	11.37	3.38	**14.53**
1354	32	762	slu	Min	-61.15	0.00	4.64	0.00	6.61	-0.18	4.6	6.6	10.28	19.41	1.04	**29.75**
1355	33	764	s	Max	0.86	57.91	4.61	5.21	2.86	0.51	58.1	5.9	0.14	17.46	13.03	**28.62**
1355	33	745	s	Max	0.59	71.06	2.98	3.18	3.19	0.71	71.1	4.5	0.10	13.24	15.95	**30.67**
1355	33	764	s	Min	-0.59	-71.06	-2.06	-3.46	-3.19	-0.86	71.1	4.7	0.10	13.82	15.94	**30.92**
1355	33	745	s	Min	-0.86	-57.91	-3.69	-1.68	-2.86	-0.90	58.0	3.3	0.14	9.74	13.01	**24.61**
1355	33	764	slu	Max	1.20	137.21	1.71	1.16	1.60	0.09	137.2	2.0	0.20	5.81	30.77	**53.63**
1355	33	745	slu	Max	-0.07	7.55	1.48	1.06	0.14	-0.23	7.7	1.1	0.01	3.15	1.72	**4.35**
1355	33	764	slu	Min	0.07	-7.55	-0.46	-2.10	-0.14	-0.92	7.6	2.1	0.01	6.18	1.70	**6.85**
1355	33	745	slu	Min	-1.20	-137.21	-0.51	0.26	-1.60	-1.48	137.2	1.6	0.20	4.77	30.77	**53.52**
1356	34	762	s	Max	2.53	40.87	4.40	4.59	1.51	2.29	41.1	4.8	0.43	14.19	9.22	**21.64**
1356	34	757	s	Max	1.89	110.49	2.22	3.34	1.43	1.50	110.5	3.6	0.32	10.67	24.78	**44.31**
1356	34	762	s	Min	-1.89	-110.49	-1.30	-1.80	-1.43	-3.03	110.5	2.3	0.32	6.74	24.78	**43.49**
1356	34	757	s	Min	-2.53	-40.87	-3.49	-1.76	-1.51	-2.03	41.0	2.3	0.43	6.81	9.20	**17.49**
1356	34	762	slu	Max	1.30	169.53	3.58	3.01	0.70	0.01	169.6	3.1	0.22	9.06	38.02	**66.50**
1356	34	757	slu	Max	0.00	68.79	0.89	2.96	0.04	-0.02	68.8	3.0	0.00	8.70	15.43	**28.10**
1356	34	762	slu	Min	0.00	-68.79	0.03	-0.72	-0.04	-1.50	68.8	0.7	0.00	2.12	15.43	**26.80**
1356	34	757	slu	Min	-1.30	-169.53	-2.39	-0.14	-0.70	-1.10	169.5	0.7	0.22	2.09	38.02	**65.89**
1357	35	757	s	Max	0.76	35.07	3.16	3.07	2.25	0.94	35.2	3.8	0.13	11.16	7.89	**17.73**
1357	35	752	s	Max	0.95	64.23	2.19	2.65	2.35	1.07	64.3	3.5	0.16	10.39	14.41	**27.10**
1357	35	757	s	Min	-0.95	-64.23	-1.27	-1.65	-2.35	-0.68	64.2	2.9	0.16	8.43	14.40	**26.39**
1357	35	752	s	Min	-0.76	-35.07	-2.24	-2.12	-2.25	-0.95	35.1	3.1	0.13	9.08	7.88	**16.46**
1357	35	757	slu	Max	-0.21	188.91	2.29	1.27	0.59	0.92	188.9	1.4	0.04	4.10	42.36	**73.49**
1357	35	752	slu	Max	0.95	27.12	1.79	3.10	0.23	0.99	27.2	3.1	0.16	9.12	6.09	**14.05**
1357	35	757	slu	Min	-0.95	-27.12	-0.88	-1.64	-0.23	0.29	27.1	1.7	0.16	4.87	6.08	**11.68**
1357	35	752	slu	Min	0.21	-188.91	-1.09	-1.03	-0.59	0.13	188.9	1.2	0.04	3.47	42.36	**73.45**

1358	36	752	s	Max	0.40	44.66	2.68	3.10	1.65	0.36	44.7	3.5	0.07	10.30	10.03	**20.23**
1358	36	748	s	Max	0.34	54.71	1.80	1.64	1.85	0.41	54.7	2.5	0.06	7.25	12.27	**22.48**
1358	36	752	s	Min	-0.34	-54.71	-0.88	-2.05	-1.85	-0.43	54.7	2.8	0.06	8.10	12.27	**22.76**
1358	36	748	s	Min	-0.40	-44.66	-1.76	-0.93	-1.65	-0.47	44.7	1.9	0.07	5.55	10.02	**18.24**
1358	36	752	slu	Max	0.09	161.75	1.04	0.45	1.91	0.36	161.7	2.0	0.01	5.76	36.27	**63.08**
1358	36	748	slu	Max	0.32	4.61	2.99	0.44	0.31	0.29	5.5	0.5	0.05	1.56	1.23	**2.68**
1358	36	752	slu	Min	-0.32	-4.61	-1.83	-4.68	-0.31	-0.05	5.0	4.7	0.05	13.77	1.11	**13.96**
1358	36	748	slu	Min	-0.09	-161.75	0.16	-0.16	-1.91	-0.27	161.7	1.9	0.01	5.63	36.27	**63.07**
1359	37	765	s	Max	4.71	2.58	6.44	0.53	1.91	2.29	6.9	2.0	0.79	5.82	1.55	**7.14**
1359	37	757	s	Max	3.40	1.16	19.48	1.29	4.41	2.03	19.5	4.6	0.57	13.48	4.38	**15.97**
1359	37	765	s	Min	-3.40	-1.16	-18.87	-1.68	-1.40	-2.03	18.9	2.2	0.57	6.41	4.24	**10.14**
1359	37	757	s	Min	-4.71	-2.58	-5.82	-2.02	-3.17	-2.29	6.4	3.8	0.79	11.05	1.43	**12.09**
1359	37	765	slu	Max	3.24	3.03	-0.44	1.82	0.81	0.55	3.1	2.0	0.54	5.84	0.69	**6.49**
1359	37	757	slu	Max	-0.49	2.38	23.44	1.35	3.51	0.55	23.6	3.8	0.08	11.04	5.28	**14.40**
1359	37	765	slu	Min	0.49	-2.38	-22.64	-1.98	0.30	-0.55	22.8	2.0	0.08	5.87	5.11	**10.66**
1359	37	757	slu	Min	-3.24	-3.03	1.05	-2.05	0.35	-0.55	3.2	2.1	0.54	6.12	0.72	**6.78**
1360	38	766	s	Max	1.95	5.03	1.89	0.27	1.28	1.65	5.4	1.3	0.33	3.85	1.20	**4.67**
1360	38	752	s	Max	1.94	1.49	3.34	1.03	2.62	1.48	3.7	2.8	0.33	8.26	0.82	**8.70**
1360	38	766	s	Min	-1.94	-1.49	-3.03	-1.40	-1.37	-1.48	3.4	2.0	0.33	5.73	0.76	**6.20**
1360	38	752	s	Min	-1.95	-5.03	-1.58	-2.26	-2.53	-1.65	5.3	3.4	0.33	9.97	1.18	**10.50**
1360	38	766	slu	Max	0.86	3.74	2.71	1.56	0.54	0.14	4.6	1.6	0.14	4.84	1.04	**5.30**
1360	38	752	slu	Max	0.68	4.53	3.24	1.46	1.86	0.52	5.6	2.4	0.11	6.94	1.25	**7.38**
1360	38	766	slu	Min	-0.68	-4.53	-2.94	-1.14	-1.29	-0.52	5.4	1.7	0.11	5.06	1.21	**5.58**
1360	38	752	slu	Min	-0.86	-3.74	-2.31	-1.35	-0.99	-0.14	4.4	1.7	0.14	4.91	0.99	**5.34**
1361	39	767	s	Max	5.86	87.83	30.02	1.84	2.79	6.26	92.8	3.3	0.99	9.80	20.81	**37.63**
1361	39	765	s	Max	4.67	37.08	12.45	0.58	2.80	3.09	39.1	2.9	0.79	8.40	8.77	**17.75**
1361	39	767	s	Min	-4.67	-37.08	-11.48	-0.44	-2.11	-7.78	38.8	2.2	0.79	6.33	8.70	**16.67**
1361	39	765	s	Min	-5.86	-87.83	-29.05	-0.66	-2.68	-3.96	92.5	2.8	0.99	8.11	20.74	**37.06**
1361	39	767	slu	Max	2.81	49.91	18.04	1.63	1.31	0.75	53.1	2.1	0.47	6.14	11.90	**21.65**
1361	39	765	slu	Max	0.54	4.86	1.44	1.60	0.56	0.33	5.1	1.7	0.09	4.97	1.14	**5.43**
1361	39	767	slu	Min	-0.54	-4.86	-0.18	-0.57	0.37	-3.47	4.9	0.7	0.09	2.00	1.09	**2.82**
1361	39	765	slu	Min	-2.81	-49.91	-16.78	0.03	-0.74	-2.16	52.7	0.7	0.47	2.16	11.81	**20.62**
1362	40	765	s	Max	1.32	67.38	22.44	0.89	1.64	0.83	71.0	1.9	0.22	5.46	15.92	**28.16**

1362	40	766	s	Max	1.36	47.94	15.55	1.63	2.76	2.62	50.4	3.2	0.23	9.42	11.30	**21.82**
1362	40	765	s	Min	-1.36	-47.94	-14.58	-0.16	-1.93	-0.56	50.1	1.9	0.23	5.67	11.24	**20.34**
1362	40	766	s	Min	-1.32	-67.38	-21.47	-1.52	-2.50	-2.81	70.7	2.9	0.22	8.59	15.86	**28.84**
1362	40	765	slu	Max	0.04	15.07	5.84	0.81	0.22	0.78	16.2	0.8	0.01	2.47	3.62	**6.75**
1362	40	766	slu	Max	0.51	55.68	17.11	3.50	0.41	0.85	58.2	3.5	0.09	10.35	13.06	**24.91**
1362	40	765	slu	Min	-0.51	-55.68	-15.85	-1.02	-0.41	0.16	57.9	1.1	0.09	3.22	12.98	**22.73**
1362	40	766	slu	Min	-0.04	-15.07	-4.58	-0.73	-0.56	-0.63	15.8	0.9	0.01	2.70	3.53	**6.69**
1363	41	766	s	Max	0.88	64.19	23.08	2.41	1.71	1.44	68.2	3.0	0.15	8.68	15.29	**27.92**
1363	41	768	s	Max	0.92	48.29	16.98	1.08	2.08	1.16	51.2	2.3	0.16	6.87	11.48	**21.08**
1363	41	766	s	Min	-0.92	-48.29	-16.01	-1.39	-1.90	-1.42	50.9	2.4	0.16	6.91	11.41	**20.98**
1363	41	768	s	Min	-0.88	-64.19	-22.11	-0.48	-1.84	-1.31	67.9	1.9	0.15	5.59	15.22	**26.98**
1363	41	766	slu	Max	0.17	19.60	6.60	0.53	0.93	1.14	20.7	1.1	0.03	3.14	4.64	**8.64**
1363	41	768	slu	Max	0.93	56.45	21.08	0.41	0.18	1.50	60.3	0.4	0.16	1.31	13.51	**23.45**
1363	41	766	slu	Min	-0.93	-56.45	-19.82	-3.65	-0.07	-0.46	59.8	3.7	0.16	10.73	13.41	**25.66**
1363	41	768	slu	Min	-0.17	-19.60	-5.64	0.01	-1.83	-0.16	20.4	1.8	0.03	5.37	4.57	**9.59**
1364	42	765	s	Max	0.83	45.45	31.43	0.58	1.89	1.33	55.3	2.0	0.14	5.81	12.39	**22.27**
1364	42	752	s	Max	0.91	15.55	11.36	1.25	3.15	2.49	19.3	3.4	0.15	9.94	4.32	**12.56**
1364	42	765	s	Min	-0.91	-15.55	-10.26	-0.07	-2.23	-0.99	18.6	2.2	0.15	6.56	4.18	**9.87**
1364	42	752	s	Min	-0.83	-45.45	-30.33	-1.48	-2.91	-2.68	54.6	3.3	0.14	9.59	12.25	**23.34**
1364	42	765	slu	Max	-0.05	61.22	42.33	0.48	0.22	0.83	74.4	0.5	0.01	1.54	16.69	**28.95**
1364	42	752	slu	Max	0.52	1.56	2.35	1.88	0.50	0.98	2.8	1.9	0.09	5.69	0.63	**5.88**
1364	42	765	slu	Min	-0.52	-1.56	-1.24	-0.82	-0.96	0.06	2.0	1.3	0.09	3.71	0.45	**3.88**
1364	42	752	slu	Min	0.05	-61.22	-40.90	-0.68	-0.91	-0.33	73.6	1.1	0.01	3.35	16.51	**28.79**
1365	43	767	s	Max	4.94	42.68	44.06	1.73	5.35	3.99	61.3	5.6	0.83	16.51	13.75	**29.47**
1365	43	757	s	Max	3.74	10.80	11.73	1.04	5.57	3.51	15.9	5.7	0.63	16.63	3.58	**18.33**
1365	43	767	s	Min	-3.74	-10.80	-10.43	-0.63	-4.08	-5.27	15.0	4.1	0.63	12.12	3.37	**14.01**
1365	43	757	s	Min	-4.94	-42.68	-42.76	-1.23	-4.44	-4.64	60.4	4.6	0.83	13.52	13.55	**27.50**
1365	43	767	slu	Max	2.67	66.68	67.71	0.91	2.40	-0.05	95.0	2.6	0.45	7.55	21.31	**37.76**
1365	43	757	slu	Max	0.13	3.80	4.89	0.04	2.94	0.32	6.2	2.9	0.02	8.64	1.39	**8.99**
1365	43	767	slu	Min	-0.13	-3.80	-3.59	-0.46	0.35	-2.76	5.2	0.6	0.02	1.69	1.17	**2.66**
1365	43	757	slu	Min	-2.67	-66.68	-66.02	-0.42	-0.62	-2.59	93.8	0.7	0.45	2.20	21.04	**36.54**
1366	44	769	s	Max	2.71	78.55	35.96	2.61	3.20	2.17	86.4	4.1	0.46	12.14	19.37	**35.84**
1366	44	745	s	Max	2.90	60.19	26.97	1.45	4.38	3.76	66.0	4.6	0.49	13.55	14.79	**29.21**

1366	44	769	s	Min	-2.90	-60.19	-25.97	-1.41	-2.23	-2.10	65.6	2.6	0.49	7.73	14.70	**26.75**
1366	44	745	s	Min	-2.71	-78.55	-34.96	-0.40	-5.52	-3.45	86.0	5.5	0.46	16.25	19.28	**37.34**
1366	44	769	slu	Max	-0.22	12.46	6.73	0.75	2.52	1.53	14.2	2.6	0.04	7.73	3.18	**9.52**
1366	44	745	slu	Max	1.89	25.68	11.97	0.73	-0.87	2.26	28.3	1.1	0.32	3.35	6.35	**11.60**
1366	44	769	slu	Min	-1.89	-25.68	-10.98	-1.62	0.52	0.08	27.9	1.7	0.32	5.00	6.26	**12.08**
1366	44	745	slu	Min	0.22	-12.46	-5.43	0.37	-4.14	0.36	13.6	4.2	0.04	12.21	3.05	**13.34**
1367	45	770	s	Max	28.74	1.58	10.57	0.79	0.58	5.55	10.7	1.0	4.83	2.88	2.40	**8.76**
1367	45	757	s	Max	16.01	1.24	6.53	2.96	4.24	3.91	6.6	5.2	2.69	15.20	1.49	**18.07**
1367	45	770	s	Min	-16.01	-1.24	-3.65	-1.09	-3.11	-4.22	3.9	3.3	2.69	9.68	0.86	**12.46**
1367	45	757	s	Min	-28.74	-1.58	-7.68	-3.32	-1.76	-3.21	7.8	3.8	4.83	11.01	1.76	**16.14**
1367	45	770	slu	Max	22.98	0.50	8.99	-0.25	-0.50	1.94	9.0	0.6	3.86	1.63	2.02	**6.51**
1367	45	757	slu	Max	-4.83	0.24	0.10	0.77	2.17	1.04	0.3	2.3	0.81	6.77	0.06	**7.58**
1367	45	770	slu	Min	4.83	-0.24	2.78	-0.44	-1.73	-0.64	2.8	1.8	0.81	5.25	0.63	**6.16**
1367	45	757	slu	Min	-22.98	-0.50	-5.25	-0.50	1.52	-0.77	5.3	1.6	3.86	4.69	1.18	**8.79**
1368	46	769	s	Max	30.47	0.65	5.85	1.60	2.03	2.22	5.9	2.6	5.12	7.58	1.32	**12.91**
1368	46	752	s	Max	22.73	0.62	4.63	2.20	5.74	1.69	4.7	6.1	3.82	18.05	1.05	**21.95**
1368	46	769	s	Min	-22.73	-0.62	-1.84	-1.58	-3.99	-2.13	1.9	4.3	3.82	12.59	0.44	**16.43**
1368	46	752	s	Min	-30.47	-0.65	-3.07	-2.25	-3.10	-1.64	3.1	3.8	5.12	11.25	0.70	**16.42**
1368	46	769	slu	Max	20.03	0.01	4.85	0.04	0.64	0.03	4.9	0.6	3.37	1.87	1.09	**5.57**
1368	46	752	slu	Max	-6.75	0.22	0.74	0.58	2.71	0.02	0.8	2.8	1.13	8.14	0.17	**9.28**
1368	46	769	slu	Min	6.75	-0.22	2.10	-0.35	-1.14	-0.69	2.1	1.2	1.13	3.51	0.47	**4.72**
1368	46	752	slu	Min	-20.03	-0.01	-1.37	-0.04	1.87	-0.62	1.4	1.9	3.37	5.50	0.31	**8.88**
1369	47	771	s	Max	65.45	21.53	2.29	2.35	3.33	0.62	21.7	4.1	11.01	11.96	4.85	**24.46**
1369	47	757	s	Max	35.78	11.78	2.13	1.47	2.62	0.55	12.0	3.0	6.02	8.81	2.68	**15.54**
1369	47	771	s	Min	-35.78	-11.78	-0.68	-2.39	-2.49	-0.94	11.8	3.4	6.02	10.13	2.65	**16.78**
1369	47	757	s	Min	-65.45	-21.53	-0.84	-2.14	-1.28	-0.77	21.5	2.5	11.01	7.31	4.83	**20.14**
1369	47	771	slu	Max	85.16	28.44	3.27	0.10	1.10	-0.01	28.6	1.1	14.32	3.23	6.42	**20.78**
1369	47	757	slu	Max	-26.72	-8.79	0.51	0.29	0.86	0.03	8.8	0.9	4.49	2.68	1.97	**7.95**
1369	47	771	slu	Min	26.72	8.79	1.37	-0.91	-0.11	-0.28	8.9	0.9	4.49	2.69	2.00	**7.97**
1369	47	757	slu	Min	-85.16	-28.44	-1.47	-0.45	0.54	-0.29	28.5	0.7	14.32	2.07	6.38	**19.78**
1370	48	762	s	Max	126.34	41.53	5.22	2.15	2.25	1.32	41.9	3.1	21.25	9.15	9.38	**34.47**
1370	48	771	s	Max	126.49	41.50	3.76	2.70	4.59	1.36	41.7	5.3	21.27	15.63	9.34	**40.29**
1370	48	762	s	Min	-126.49	-41.50	-2.31	-1.16	0.24	-1.31	41.6	1.2	21.27	3.48	9.32	**29.55**

1370	48	771	s	Min	-126.34	-41.53	-3.77	-2.22	-2.71	-1.31	41.7	3.5	21.25	10.28	9.35	**35.44**
1370	48	762	slu	Max	5.66	34.41	2.06	0.95	1.81	-0.02	34.5	2.0	0.95	6.00	7.73	**15.09**
1370	48	771	slu	Max	101.63	1.90	3.11	0.45	1.33	0.02	3.6	1.4	17.09	4.13	0.82	**21.27**
1370	48	762	slu	Min	-101.63	-1.90	-1.66	0.49	1.50	-0.72	2.5	1.6	17.09	4.63	0.57	**21.74**
1370	48	771	slu	Min	-5.66	-34.41	-0.18	-0.24	0.50	-0.67	34.4	0.6	0.95	1.63	7.72	**13.61**
1374	52	775	s	Max	128.62	0.32	12.55	2.45	20.22	0.59	12.6	20.4	21.63	59.80	2.81	**81.57**
1374	52	776	s	Max	89.19	0.46	13.55	2.85	18.08	0.63	13.6	18.3	15.00	53.74	3.04	**68.94**
1374	52	775	s	Min	-89.19	-0.46	-11.89	-2.81	-11.61	-0.80	11.9	11.9	15.00	35.06	2.67	**50.27**
1374	52	776	s	Min	-128.62	-0.32	-10.89	-2.44	-8.90	-0.92	10.9	9.2	21.63	27.10	2.44	**48.91**
1374	52	775	slu	Max	102.65	-0.12	13.09	2.25	8.52	-0.17	13.1	8.8	17.26	25.88	2.94	**43.45**
1374	52	776	slu	Max	-27.87	1.42	2.27	0.49	8.49	-0.26	2.7	8.5	4.69	24.97	0.60	**29.67**
1374	52	775	slu	Min	27.87	-1.42	-0.11	-0.28	-2.64	-2.58	1.4	2.7	4.69	7.80	0.32	**12.49**
1374	52	776	slu	Min	-102.65	0.12	-11.43	-1.94	-4.49	-2.52	11.4	4.9	17.26	14.36	2.56	**31.94**
1375	53	776	s	Max	108.83	0.19	13.81	1.93	4.71	0.60	13.8	5.1	18.30	14.95	3.10	**33.68**
1375	53	777	s	Max	91.19	0.28	11.38	2.59	12.99	0.38	11.4	13.2	15.33	38.89	2.55	**54.41**
1375	53	776	s	Min	-91.19	-0.28	-9.59	-2.52	-9.07	-0.92	9.6	9.4	15.33	27.65	2.15	**43.14**
1375	53	777	s	Min	-108.83	-0.19	-12.02	-1.97	-12.42	-0.41	12.0	12.6	18.30	36.93	2.69	**55.43**
1375	53	776	slu	Max	87.70	1.10	7.48	1.39	1.16	2.04	7.6	1.8	14.75	5.30	1.70	**20.26**
1375	53	777	slu	Max	-11.55	0.07	0.26	0.48	6.02	2.48	0.3	6.0	1.94	17.74	0.06	**19.68**
1375	53	776	slu	Min	11.55	-0.07	2.07	-0.46	-3.42	-0.26	2.1	3.5	1.94	10.14	0.46	**12.11**
1375	53	777	slu	Min	-87.70	-1.10	-5.69	-1.74	0.93	-0.02	5.8	2.0	14.75	5.79	1.30	**20.66**
1376	54	777	s	Max	126.38	5.59	28.92	2.41	12.36	2.92	29.5	12.6	21.25	36.96	6.60	**59.33**
1376	54	778	s	Max	114.27	5.48	34.19	2.34	48.89	5.10	34.6	48.9	19.22	143.69	7.76	**163.46**
1376	54	777	s	Min	-114.27	-5.48	-33.53	-2.54	-13.12	-2.78	34.0	13.4	19.22	39.23	7.62	**59.91**
1376	54	778	s	Min	-126.38	-5.59	-28.26	-2.23	-39.42	-5.07	28.8	39.5	21.25	115.93	6.46	**137.64**
1376	54	777	slu	Max	98.03	0.07	17.10	2.20	-1.05	0.08	17.1	2.4	16.48	7.16	3.83	**24.56**
1376	54	778	slu	Max	-6.06	12.29	4.56	0.28	7.54	0.01	13.1	7.5	1.02	22.16	2.94	**23.73**
1376	54	777	slu	Min	6.06	-12.29	-3.71	-0.16	-6.14	-7.64	12.8	6.1	1.02	18.04	2.88	**19.70**
1376	54	778	slu	Min	-98.03	-0.07	-16.45	-1.49	-12.64	-9.84	16.4	12.7	16.48	37.35	3.69	**54.21**
1377	55	778	s	Max	131.36	2.08	24.75	2.64	37.62	3.44	24.8	37.7	22.09	110.71	5.57	**133.15**
1377	55	744	s	Max	122.59	2.22	24.85	2.50	12.59	1.61	25.0	12.8	20.61	37.69	5.59	**59.10**
1377	55	778	s	Min	-122.59	-2.22	-23.83	-2.59	-37.76	-3.73	23.9	37.8	20.61	111.11	5.37	**132.06**
1377	55	744	s	Min	-131.36	-2.08	-23.74	-2.52	-11.00	-1.62	23.8	11.3	22.09	33.14	5.34	**56.01**

1377	55	778	slu	Max	101.04	5.01	4.26	0.09	14.63	5.83	6.6	14.6	16.99	42.96	1.47	**60.01**
1377	55	744	slu	Max	-4.01	0.09	10.17	0.44	7.59	5.26	10.2	7.6	0.67	22.31	2.28	**23.32**
1377	55	778	slu	Min	4.01	-0.09	-8.84	-1.14	0.46	-0.22	8.8	1.2	0.67	3.62	1.98	**5.50**
1377	55	744	slu	Min	-101.04	-5.01	-3.24	-0.08	1.79	0.03	6.0	1.8	16.99	5.26	1.34	**22.37**
1380	58	764	s	Max	177.38	4.98	9.48	2.13	3.72	1.46	10.7	4.3	29.83	12.58	2.40	**42.62**
1380	58	754	s	Max	144.71	4.39	1.74	2.04	5.56	1.21	4.7	5.9	24.34	17.40	1.06	**41.78**
1380	58	764	s	Min	-144.71	-4.39	-1.51	-2.08	-10.45	-1.36	4.6	10.7	24.34	31.29	1.04	**55.66**
1380	58	754	s	Min	-177.38	-4.98	-9.25	-2.11	-1.61	-1.02	10.5	2.7	29.83	7.80	2.36	**37.85**
1380	58	764	slu	Max	128.20	13.76	26.51	0.04	3.46	3.24	29.9	3.5	21.56	10.17	6.70	**33.79**
1380	58	754	slu	Max	-25.90	-0.76	-3.20	0.43	7.21	3.44	3.3	7.2	4.35	21.21	0.74	**25.59**
1380	58	764	slu	Min	25.90	0.76	3.42	-0.60	-17.07	0.13	3.5	17.1	4.35	50.16	0.79	**54.53**
1380	58	754	slu	Min	-128.20	-13.76	-26.22	-0.07	-1.23	0.24	29.6	1.2	21.56	3.60	6.64	**27.66**
1381	59	779	s	Max	68.21	0.19	3.99	2.58	5.09	0.44	4.0	5.7	11.47	16.76	0.90	**28.28**
1381	59	764	s	Max	82.09	0.29	7.48	2.15	8.46	0.24	7.5	8.7	13.80	25.61	1.68	**39.52**
1381	59	779	s	Min	-82.09	-0.29	-6.05	-2.14	-2.33	-0.59	6.1	3.2	13.80	9.28	1.36	**23.21**
1381	59	764	s	Min	-68.21	-0.19	-2.57	-2.58	-2.50	-0.39	2.6	3.6	11.47	10.54	0.58	**22.04**
1381	59	779	slu	Max	62.05	-0.09	4.37	0.40	12.02	-0.13	4.4	12.0	10.43	35.32	0.98	**45.78**
1381	59	764	slu	Max	14.90	0.63	10.16	0.05	16.31	-0.14	10.2	16.3	2.51	47.89	2.28	**50.55**
1381	59	779	slu	Min	-14.90	-0.63	-8.30	0.01	-1.39	-1.01	8.3	1.4	2.51	4.09	1.87	**7.34**
1381	59	764	slu	Min	-62.05	0.09	-2.94	-0.39	-0.63	-0.93	2.9	0.7	10.43	2.17	0.66	**12.65**
1382	60	780	s	Max	71.27	0.98	7.93	2.56	3.20	1.25	8.0	4.1	11.99	12.04	1.79	**24.23**
1382	60	779	s	Max	86.16	0.73	4.98	2.14	2.33	0.94	5.0	3.2	14.49	9.29	1.13	**23.86**
1382	60	780	s	Min	-86.16	-0.73	-3.97	-2.16	-9.04	-0.97	4.0	9.3	14.49	27.29	0.90	**41.81**
1382	60	779	s	Min	-71.27	-0.98	-6.91	-2.58	-5.09	-0.68	7.0	5.7	11.99	16.76	1.57	**28.87**
1382	60	780	slu	Max	66.33	1.98	13.26	0.36	3.16	2.25	13.4	3.2	11.15	9.33	3.01	**21.13**
1382	60	779	slu	Max	16.27	-0.25	-1.63	-0.01	1.39	2.14	1.7	1.4	2.74	4.09	0.37	**6.85**
1382	60	780	slu	Min	-16.27	0.25	2.65	-0.24	-15.61	0.28	2.7	15.6	2.74	45.85	0.60	**48.59**
1382	60	779	slu	Min	-66.33	-1.98	-11.94	-0.40	-12.02	0.27	12.1	12.0	11.15	35.32	2.71	**46.71**
1383	61	781	s	Max	69.52	2.37	4.26	2.08	2.35	1.28	4.9	3.1	11.69	9.23	1.09	**21.01**
1383	61	780	s	Max	83.64	3.25	10.23	2.39	6.87	2.20	10.7	7.3	14.07	21.37	2.41	**35.68**
1383	61	781	s	Min	-83.64	-3.25	-9.58	-2.49	-1.21	-2.01	10.1	2.8	14.07	8.12	2.27	**22.53**
1383	61	780	s	Min	-69.52	-2.37	-3.61	-1.90	-0.94	-2.72	4.3	2.1	11.69	6.23	0.97	**18.00**
1383	61	781	slu	Max	67.63	-0.84	7.91	1.35	7.10	-0.69	8.0	7.2	11.37	21.21	1.78	**32.73**

1383	61	780	slu	Max	16.03	5.99	16.66	0.52	16.17	-0.51	17.7	16.2	2.70	47.49	3.97	**50.66**
1383	61	781	slu	Min	-16.03	-5.99	-15.81	-0.37	-0.24	-4.57	16.9	0.4	2.70	1.29	3.79	**7.68**
1383	61	780	slu	Min	-67.63	0.84	-7.25	-1.10	-3.77	-3.94	7.3	3.9	11.37	11.53	1.64	**23.08**
1384	62	782	s	Max	65.89	0.25	6.39	1.99	3.50	0.39	6.4	4.0	11.08	11.84	1.43	**23.05**
1384	62	781	s	Max	76.45	0.26	5.59	2.45	1.21	0.67	5.6	2.7	12.86	8.01	1.26	**20.98**
1384	62	782	s	Min	-76.45	-0.26	-3.80	-2.46	-8.82	-0.45	3.8	9.2	12.86	26.88	0.85	**39.76**
1384	62	781	s	Min	-65.89	-0.25	-4.59	-1.98	-2.35	-0.64	4.6	3.1	11.08	9.03	1.03	**20.19**
1384	62	782	slu	Max	60.44	0.36	6.14	1.08	-0.12	0.82	6.2	1.1	10.16	3.18	1.38	**13.56**
1384	62	781	slu	Max	12.61	0.00	0.02	0.42	0.24	0.56	0.0	0.5	2.12	1.44	0.00	**3.56**
1384	62	782	slu	Min	-12.61	0.00	2.31	-0.42	-11.95	-0.04	2.3	12.0	2.12	35.10	0.52	**37.24**
1384	62	781	slu	Min	-60.44	-0.36	-4.05	-1.19	-7.10	0.03	4.1	7.2	10.16	21.13	0.91	**31.34**
1385	63	783	s	Max	93.79	5.71	7.73	2.02	1.53	1.74	9.6	2.5	15.77	7.43	2.15	**23.50**
1385	63	759	s	Max	71.25	4.91	0.16	2.00	5.13	1.09	4.9	5.5	11.98	16.16	1.10	**28.21**
1385	63	783	s	Min	-71.25	-4.91	0.06	-1.97	-8.69	-1.40	4.9	8.9	11.98	26.16	1.10	**38.19**
1385	63	759	s	Min	-93.79	-5.71	-7.51	-2.07	-0.96	-1.05	9.4	2.3	15.77	6.71	2.11	**22.77**
1385	63	783	slu	Max	80.68	3.77	26.05	0.05	1.56	1.71	26.3	1.6	13.57	4.58	5.90	**20.83**
1385	63	759	slu	Max	-18.10	2.76	-2.09	0.60	7.66	0.16	3.5	7.7	3.04	22.55	0.77	**25.63**
1385	63	783	slu	Min	18.10	-2.76	2.31	-0.52	-17.94	-0.53	3.6	17.9	3.04	52.69	0.81	**55.76**
1385	63	759	slu	Min	-80.68	-3.77	-25.76	-0.08	-0.37	-0.81	26.0	0.4	13.57	1.10	5.84	**17.82**
1386	64	784	s	Max	106.25	0.40	5.51	2.09	4.49	0.48	5.5	5.0	17.87	14.54	1.24	**32.48**
1386	64	783	s	Max	137.96	0.41	9.87	2.12	7.05	0.77	9.9	7.4	23.20	21.60	2.21	**44.97**
1386	64	784	s	Min	-137.96	-0.41	-8.44	-2.15	-1.52	-0.60	8.5	2.6	23.20	7.73	1.90	**31.10**
1386	64	783	s	Min	-106.25	-0.40	-4.08	-2.06	-1.27	-0.69	4.1	2.4	17.87	7.11	0.92	**25.03**
1386	64	784	slu	Max	55.86	0.01	4.16	0.09	11.94	-0.09	4.2	11.9	9.39	35.05	0.93	**44.48**
1386	64	783	slu	Max	33.60	0.51	11.11	0.18	15.24	0.12	11.1	15.2	5.65	44.75	2.49	**50.58**
1386	64	784	slu	Min	-33.60	-0.51	-9.26	-0.16	-1.60	-0.84	9.3	1.6	5.65	4.72	2.08	**10.98**
1386	64	783	slu	Min	-55.86	-0.01	-2.74	-0.02	-0.71	-0.73	2.7	0.7	9.39	2.09	0.61	**11.53**
1387	65	785	s	Max	103.04	0.97	8.25	2.07	1.72	1.44	8.3	2.7	17.33	7.90	1.86	**25.44**
1387	65	784	s	Max	137.46	0.70	6.12	2.11	1.52	0.81	6.2	2.6	23.12	7.65	1.38	**30.86**
1387	65	785	s	Min	-137.46	-0.70	-5.10	-2.17	-8.30	-1.11	5.1	8.6	23.12	25.18	1.15	**48.33**
1387	65	784	s	Min	-103.04	-0.97	-7.24	-2.05	-4.49	-0.55	7.3	4.9	17.33	14.50	1.64	**31.96**
1387	65	785	slu	Max	52.06	0.92	12.33	0.03	2.12	1.11	12.4	2.1	8.75	6.23	2.77	**15.73**
1387	65	784	slu	Max	36.32	0.04	-1.10	0.16	1.60	0.92	1.1	1.6	6.11	4.72	0.25	**10.84**

1387	65	785	slu	Min	-36.32	-0.04	2.12	-0.29	-17.73	-0.18	2.1	17.7	6.11	52.06	0.48	**58.17**
1387	65	784	slu	Min	-52.06	-0.92	-11.01	-0.02	-11.94	0.10	11.0	11.9	8.75	35.05	2.48	**44.02**
1388	66	786	s	Max	102.58	1.36	5.50	1.92	2.29	0.59	5.7	3.0	17.25	8.78	1.27	**26.12**
1388	66	785	s	Max	135.23	2.28	13.13	1.89	5.81	1.40	13.3	6.1	22.74	17.94	2.99	**41.01**
1388	66	786	s	Min	-135.23	-2.28	-12.47	-1.82	-0.70	-1.20	12.7	2.0	22.74	5.73	2.84	**28.89**
1388	66	785	s	Min	-102.58	-1.36	-4.84	-1.90	0.18	-2.10	5.0	1.9	17.25	5.60	1.13	**22.93**
1388	66	786	slu	Max	56.03	-0.03	6.70	1.48	7.77	-0.26	6.7	7.9	9.42	23.21	1.50	**32.74**
1388	66	785	slu	Max	34.79	2.18	18.93	0.00	16.26	0.22	19.1	16.3	5.85	47.75	4.27	**54.11**
1388	66	786	slu	Min	-34.79	-2.18	-18.08	0.09	-1.05	-1.44	18.2	1.1	5.85	3.09	4.08	**11.40**
1388	66	785	slu	Min	-56.03	0.03	-6.05	-1.47	-2.41	-1.66	6.0	2.8	9.42	8.29	1.36	**17.87**
1389	67	787	s	Max	108.43	0.33	8.93	1.94	3.67	0.64	8.9	4.2	18.24	12.19	2.00	**30.63**
1389	67	786	s	Max	136.07	0.42	9.54	1.83	0.70	0.71	9.6	2.0	22.88	5.75	2.14	**28.87**
1389	67	787	s	Min	-136.07	-0.42	-7.75	-1.87	-8.55	-0.95	7.8	8.8	22.88	25.71	1.74	**48.68**
1389	67	786	s	Min	-108.43	-0.33	-7.14	-1.87	-2.29	-0.76	7.1	3.0	18.24	8.68	1.60	**27.06**
1389	67	787	slu	Max	64.22	0.30	5.94	1.39	-0.11	0.67	5.9	1.4	10.80	4.08	1.33	**15.06**
1389	67	786	slu	Max	29.93	0.09	1.45	-0.04	1.05	0.49	1.5	1.0	5.03	3.08	0.33	**8.13**
1389	67	787	slu	Min	-29.93	-0.09	0.88	0.07	-10.75	-0.39	0.9	10.8	5.03	31.57	0.20	**36.61**
1389	67	786	slu	Min	-64.22	-0.30	-4.15	-1.48	-7.77	-0.05	4.2	7.9	10.80	23.21	0.93	**34.05**
1390	68	788	s	Max	127.85	0.14	5.20	1.64	2.35	0.28	5.2	2.9	21.50	8.42	1.17	**29.99**
1390	68	763	s	Max	98.41	0.14	3.12	1.63	0.77	0.26	3.1	1.8	16.55	5.29	0.70	**21.88**
1390	68	788	s	Min	-98.41	-0.14	-1.49	-1.64	-3.13	-0.28	1.5	3.5	16.55	10.38	0.34	**26.94**
1390	68	763	s	Min	-127.85	-0.14	-3.57	-1.63	-4.11	-0.26	3.6	4.4	21.50	12.98	0.80	**34.51**
1390	68	788	slu	Max	67.97	0.00	7.44	0.00	-1.17	0.00	7.4	1.2	11.43	3.43	1.67	**15.14**
1390	68	763	slu	Max	-26.73	0.19	-1.58	0.49	-3.84	0.00	1.6	3.9	4.50	11.38	0.36	**15.88**
1390	68	788	slu	Min	26.73	-0.19	3.70	-0.47	-4.88	-0.36	3.7	4.9	4.50	14.40	0.83	**18.95**
1390	68	763	slu	Min	-67.97	0.00	-5.32	0.00	-11.64	-0.30	5.3	11.6	11.43	34.16	1.19	**45.64**
1391	69	789	s	Max	138.20	2.87	71.07	4.15	12.22	0.61	71.1	12.9	23.24	37.90	15.95	**67.09**
1391	69	788	s	Max	168.97	2.87	31.63	4.08	6.41	0.92	31.8	7.6	28.42	22.31	7.12	**52.21**
1391	69	789	s	Min	-168.97	-2.87	-31.41	-4.14	-32.41	-0.61	31.5	32.7	28.42	95.91	7.07	**124.93**
1391	69	788	s	Min	-138.20	-2.87	-70.85	-4.09	-6.30	-0.92	70.9	7.5	23.24	22.04	15.90	**53.00**
1391	69	789	slu	Max	49.35	0.00	62.65	0.01	-9.59	0.00	62.7	9.6	8.30	28.15	14.05	**43.82**
1391	69	788	slu	Max	41.83	4.91	-19.75	1.35	2.46	0.00	20.3	2.8	7.04	8.25	4.56	**17.20**
1391	69	789	slu	Min	-41.83	-4.91	19.97	-1.20	-32.42	-1.34	20.6	32.4	7.04	95.25	4.61	**102.60**

1391	69	788	slu	Min	-49.35	0.00	-62.36	-0.01	-0.80	-1.04	62.4	0.8	8.30	2.36	13.98	**26.46**
1392	70	790	s	Max	105.29	0.16	4.79	2.09	3.87	0.36	4.8	4.4	17.71	12.92	1.07	**30.68**
1392	70	789	s	Max	167.85	0.16	10.86	2.08	6.78	0.39	10.9	7.1	28.23	20.82	2.44	**49.23**
1392	70	790	s	Min	-167.85	-0.16	-9.44	-2.09	-0.91	-0.36	9.4	2.3	28.23	6.68	2.12	**35.10**
1392	70	789	s	Min	-105.29	-0.16	-3.37	-2.08	-0.33	-0.39	3.4	2.1	17.71	6.19	0.76	**23.93**
1392	70	790	slu	Max	19.18	0.00	-1.42	0.19	11.91	0.00	1.4	11.9	3.23	34.98	0.32	**38.21**
1392	70	789	slu	Max	65.56	0.19	12.66	0.00	14.94	0.00	12.7	14.9	11.02	43.86	2.84	**55.10**
1392	70	790	slu	Min	-65.56	-0.19	-10.81	0.00	4.20	-0.41	10.8	4.2	11.02	12.34	2.42	**23.74**
1392	70	789	slu	Min	-19.18	0.00	2.84	-0.16	5.26	-0.19	2.8	5.3	3.23	15.45	0.64	**18.71**
1393	71	791	s	Max	97.63	0.34	7.27	2.13	2.55	0.45	7.3	3.3	16.42	9.76	1.63	**26.33**
1393	71	790	s	Max	155.81	0.34	6.39	2.09	0.91	0.34	6.4	2.3	26.20	6.69	1.44	**32.99**
1393	71	791	s	Min	-155.81	-0.34	-5.38	-2.13	-9.68	-0.45	5.4	9.9	26.20	29.09	1.21	**55.33**
1393	71	790	s	Min	-97.63	-0.34	-6.25	-2.09	-3.87	-0.34	6.3	4.4	16.42	12.93	1.40	**29.45**
1393	71	791	slu	Max	19.91	0.00	11.06	0.23	-6.30	0.00	11.1	6.3	3.35	18.52	2.48	**22.29**
1393	71	790	slu	Max	60.04	0.63	-1.85	0.00	-4.20	0.00	1.9	4.2	10.10	12.34	0.44	**22.45**
1393	71	791	slu	Min	-60.04	-0.63	3.17	0.00	-19.24	-0.91	3.2	19.2	10.10	56.49	0.72	**66.60**
1393	71	790	slu	Min	-19.91	0.00	-9.73	-0.15	-11.91	-0.47	9.7	11.9	3.35	34.98	2.18	**38.51**
1394	72	792	s	Max	136.56	1.50	7.95	1.91	2.66	0.71	8.1	3.3	22.97	9.62	1.81	**32.73**
1394	72	791	s	Max	191.49	1.50	17.53	1.82	5.17	1.52	17.6	5.5	32.20	16.09	3.94	**48.77**
1394	72	792	s	Min	-191.49	-1.50	-16.87	-1.90	-1.06	-0.71	16.9	2.2	32.20	6.40	3.80	**39.16**
1394	72	791	s	Min	-136.56	-1.50	-7.30	-1.82	1.34	-1.52	7.5	2.3	22.97	6.64	1.67	**29.75**
1394	72	792	slu	Max	27.47	1.30	-3.77	1.30	7.67	0.97	4.0	7.8	4.62	22.84	0.89	**27.50**
1394	72	791	slu	Max	58.03	0.00	21.59	0.00	17.29	0.88	21.6	17.3	9.76	50.77	4.84	**61.11**
1394	72	792	slu	Min	-58.03	0.00	-20.74	0.00	2.25	0.00	20.7	2.2	9.76	6.60	4.65	**18.24**
1394	72	791	slu	Min	-27.47	-1.30	4.43	-1.43	6.33	0.00	4.6	6.5	4.62	19.04	1.03	**23.73**
1395	73	782	s	Max	0.45	41.54	4.12	4.63	4.00	1.19	41.7	6.1	0.08	17.95	9.36	**24.25**
1395	73	776	s	Max	0.97	62.93	2.30	2.81	2.90	0.88	63.0	4.0	0.16	11.86	14.12	**27.25**
1395	73	782	s	Min	-0.97	-62.93	-1.38	-2.45	-2.90	-0.49	62.9	3.8	0.16	11.15	14.11	**26.93**
1395	73	776	s	Min	-0.45	-41.54	-3.20	-1.36	-4.00	-0.53	41.7	4.2	0.08	12.40	9.34	**20.43**
1395	73	782	slu	Max	0.50	138.17	1.96	1.60	0.90	0.89	138.2	1.8	0.08	5.40	30.98	**53.95**
1395	73	776	slu	Max	0.71	15.30	2.06	1.11	1.55	0.54	15.4	1.9	0.12	5.59	3.46	**8.28**
1395	73	782	slu	Min	-0.71	-15.30	-1.14	-2.76	-1.55	-0.51	15.3	3.2	0.12	9.30	3.44	**11.14**
1395	73	776	slu	Min	-0.50	-138.17	-0.76	-0.44	-0.90	-0.48	138.2	1.0	0.08	2.95	30.98	**53.75**

1396	74	791	s	Max	0.92	65.03	7.68	7.80	2.12	1.28	65.5	8.1	0.15	23.72	14.68	**34.88**
1396	74	785	s	Max	1.48	82.19	3.67	6.81	2.19	1.76	82.3	7.2	0.25	20.99	18.45	**38.37**
1396	74	791	s	Min	-1.48	-82.19	-2.75	-3.19	-2.19	-0.70	82.2	3.9	0.25	11.36	18.44	**33.98**
1396	74	785	s	Min	-0.92	-65.03	-6.77	-3.39	-2.12	-1.22	65.4	4.0	0.15	11.73	14.66	**28.03**
1396	74	791	slu	Max	-0.16	170.93	6.87	6.77	-0.01	0.99	171.1	6.8	0.03	19.87	38.36	**69.35**
1396	74	785	slu	Max	0.99	11.04	-1.69	5.78	0.70	0.99	11.2	5.8	0.17	17.11	2.50	**17.81**
1396	74	791	slu	Min	-0.99	-11.04	2.61	2.38	-0.70	0.10	11.3	2.5	0.17	7.28	2.54	**8.65**
1396	74	785	slu	Min	0.16	-170.93	-5.68	1.92	0.01	0.23	171.0	1.9	0.03	5.63	38.35	**66.66**
1397	75	785	s	Max	1.51	115.01	5.12	1.53	2.48	2.01	115.1	2.9	0.25	8.56	25.81	**45.57**
1397	75	780	s	Max	1.99	87.41	2.47	8.26	2.70	1.98	87.4	8.7	0.33	25.51	19.61	**42.68**
1397	75	785	s	Min	-1.99	-87.41	-1.55	-0.12	-2.70	-1.62	87.4	2.7	0.33	7.94	19.60	**34.95**
1397	75	780	s	Min	-1.51	-115.01	-4.20	-4.36	-2.48	-1.42	115.1	5.0	0.25	14.74	25.80	**47.14**
1397	75	785	slu	Max	-0.14	190.98	3.45	1.16	-0.01	0.71	191.0	1.2	0.02	3.41	42.83	**74.26**
1397	75	780	slu	Max	0.83	-29.33	-0.74	4.77	0.61	0.94	29.3	4.8	0.14	14.13	6.58	**18.26**
1397	75	785	slu	Min	-0.83	29.33	1.93	-0.15	-0.61	0.07	29.4	0.6	0.14	1.84	6.59	**11.59**
1397	75	780	slu	Min	0.14	-190.98	-2.26	2.12	0.01	0.21	191.0	2.1	0.02	6.23	42.83	**74.44**
1398	76	780	s	Max	3.23	151.90	11.84	10.97	10.12	1.50	152.4	14.9	0.54	43.82	34.16	**73.96**
1398	76	778	s	Max	2.82	109.25	16.46	11.80	11.09	4.14	110.5	16.2	0.47	47.53	24.77	**64.38**
1398	76	780	s	Min	-2.82	-109.25	-15.54	-15.27	-11.09	-1.83	110.3	18.9	0.47	55.40	24.74	**70.42**
1398	76	778	s	Min	-3.23	-151.90	-10.92	-16.73	-10.12	-4.65	152.3	19.6	0.54	57.42	34.15	**82.81**
1398	76	780	slu	Max	0.58	157.34	-1.06	-1.39	0.72	0.10	157.3	1.6	0.10	4.61	35.28	**61.29**
1398	76	778	slu	Max	0.27	-42.50	8.06	-1.92	2.99	0.45	43.3	3.5	0.05	10.42	9.70	**19.79**
1398	76	780	slu	Min	-0.27	42.50	-7.14	-7.11	-2.99	-0.38	43.1	7.7	0.05	22.64	9.66	**28.19**
1398	76	778	slu	Min	-0.58	-157.34	2.25	-8.09	-0.72	-0.77	157.4	8.1	0.10	23.85	35.28	**65.64**
1399	77	789	s	Max	1.09	74.50	2.69	2.42	3.05	1.04	74.5	3.9	0.18	11.43	16.71	**31.19**
1399	77	783	s	Max	0.83	73.53	2.08	2.10	2.47	0.68	73.6	3.2	0.14	9.53	16.49	**30.16**
1399	77	789	s	Min	-0.83	-73.53	-1.16	-1.47	-2.47	-1.40	73.5	2.9	0.14	8.45	16.49	**29.82**
1399	77	783	s	Min	-1.09	-74.50	-1.77	-1.84	-3.05	-0.84	74.5	3.6	0.18	10.45	16.71	**30.83**
1399	77	789	slu	Max	0.31	201.39	1.38	0.70	0.60	0.85	201.4	0.9	0.05	2.71	45.16	**78.26**
1399	77	783	slu	Max	0.75	-5.12	0.21	1.14	-0.14	0.64	5.1	1.1	0.13	3.36	1.15	**4.01**
1399	77	789	slu	Min	-0.75	5.12	0.78	0.10	0.14	-0.42	5.2	0.2	0.13	0.49	1.16	**2.10**
1399	77	783	slu	Min	-0.31	-201.39	-0.43	0.20	-0.60	-0.20	201.4	0.6	0.05	1.86	45.16	**78.24**
1400	78	783	s	Max	1.28	34.87	3.24	3.02	2.22	1.42	35.0	3.7	0.21	10.99	7.85	**17.62**

1400	78	764	s	Max	1.44	49.38	2.49	2.87	2.44	1.47	49.4	3.8	0.24	11.06	11.09	**22.28**
1400	78	783	s	Min	-1.44	-49.38	-1.57	-1.78	-2.44	-1.19	49.4	3.0	0.24	8.87	11.08	**21.24**
1400	78	764	s	Min	-1.28	-34.87	-2.32	-2.60	-2.22	-1.37	34.9	3.4	0.21	10.02	7.84	**17.00**
1400	78	783	slu	Max	-0.12	189.18	1.54	1.01	0.00	1.31	189.2	1.0	0.02	2.97	42.42	**73.53**
1400	78	764	slu	Max	1.41	10.21	0.05	1.48	0.26	1.51	10.2	1.5	0.24	4.42	2.29	**6.12**
1400	78	783	slu	Min	-1.41	-10.21	0.96	-0.21	-0.26	0.19	10.3	0.3	0.24	0.98	2.30	**4.16**
1400	78	764	slu	Min	0.12	-189.18	-0.34	0.44	0.00	0.04	189.2	0.4	0.02	1.29	42.42	**73.48**
1401	79	770	s	Max	5.94	2.31	4.62	1.85	4.12	2.62	5.2	4.5	1.00	13.26	1.16	**14.40**
1401	79	783	s	Max	8.96	2.62	21.44	2.76	6.11	1.71	21.6	6.7	1.51	19.69	4.84	**22.80**
1401	79	770	s	Min	-8.96	-2.62	-20.65	-1.67	-4.73	-1.71	20.8	5.0	1.51	14.72	4.67	**18.13**
1401	79	783	s	Min	-5.94	-2.31	-3.83	-2.41	-10.67	-2.62	4.5	10.9	1.00	32.12	1.00	**33.17**
1401	79	770	slu	Max	-1.03	-0.16	-11.06	0.58	0.08	1.37	11.1	0.6	0.17	1.72	2.48	**4.69**
1401	79	783	slu	Max	6.60	0.59	26.72	0.44	-1.85	-0.22	26.7	1.9	1.11	5.57	5.99	**12.34**
1401	79	770	slu	Min	-6.60	-0.59	-25.69	0.09	-3.29	0.22	25.7	3.3	1.11	9.65	5.76	**14.68**
1401	79	783	slu	Min	1.03	0.16	11.84	0.18	-8.03	-1.37	11.8	8.0	0.17	23.58	2.66	**24.19**
1402	80	769	s	Max	19.54	4.28	4.39	0.09	5.25	1.54	6.1	5.2	3.29	15.40	1.38	**18.84**
1402	80	764	s	Max	27.73	3.07	11.38	2.89	11.74	1.41	11.8	12.1	4.66	35.50	2.64	**40.42**
1402	80	769	s	Min	-27.73	-3.07	-10.99	-0.83	-4.41	-1.41	11.4	4.5	4.66	13.17	2.56	**18.37**
1402	80	764	s	Min	-19.54	-4.28	-4.00	-3.19	-19.59	-1.54	5.9	19.9	3.29	58.28	1.31	**61.61**
1402	80	769	slu	Max	-6.92	1.07	-3.38	0.90	0.22	0.03	3.5	0.9	1.16	2.71	0.80	**4.11**
1402	80	764	slu	Max	19.22	2.43	5.31	1.19	-4.98	0.54	5.8	5.1	3.23	15.03	1.31	**18.40**
1402	80	769	slu	Min	-19.22	-2.43	-4.80	-0.63	-2.64	-0.54	5.4	2.7	3.23	7.96	1.21	**11.39**
1402	80	764	slu	Min	6.92	-1.07	3.78	-0.28	-13.87	-0.03	3.9	13.9	1.16	40.74	0.88	**41.93**
1403	81	793	s	Max	16.49	70.48	29.34	1.69	3.48	10.72	76.3	3.9	2.77	11.35	17.12	**32.84**
1403	81	770	s	Max	9.34	38.87	16.42	1.07	10.77	7.97	42.2	10.8	1.57	31.78	9.46	**37.15**
1403	81	793	s	Min	-9.34	-38.87	-15.42	-1.87	-2.00	-18.69	41.8	2.7	1.57	8.03	9.38	**18.86**
1403	81	770	s	Min	-16.49	-70.48	-28.34	-2.12	-6.12	-14.31	76.0	6.5	2.77	19.02	17.03	**36.68**
1403	81	793	slu	Max	11.71	26.32	11.39	-0.19	2.29	-2.33	28.7	2.3	1.97	6.75	6.43	**14.15**
1403	81	770	slu	Max	-1.98	15.04	6.82	0.43	7.74	-1.62	16.5	7.8	0.33	22.75	3.70	**23.96**
1403	81	793	slu	Min	1.98	-15.04	-5.82	-0.96	0.45	-12.88	16.1	1.1	0.33	3.12	3.62	**7.15**
1403	81	770	slu	Min	-11.71	-26.32	-10.09	-0.83	1.25	-10.54	28.2	1.5	1.97	4.40	6.32	**12.67**
1404	82	770	s	Max	2.46	77.92	32.26	1.44	1.70	3.64	84.3	2.2	0.41	6.53	18.91	**33.48**
1404	82	769	s	Max	3.10	58.32	23.85	2.41	2.97	2.94	63.0	3.8	0.52	11.23	14.13	**27.15**

1404	82	770	s	Min	-3.10	-58.32	-22.85	-0.91	-2.39	-2.07	62.6	2.6	0.52	7.50	14.04	**25.62**
1404	82	769	s	Min	-2.46	-77.92	-31.26	-2.91	-2.82	-3.22	84.0	4.1	0.41	11.89	18.83	**34.85**
1404	82	770	slu	Max	-0.29	13.54	6.62	0.54	-0.30	2.76	15.1	0.6	0.05	1.80	3.38	**6.14**
1404	82	769	slu	Max	1.09	28.33	12.25	1.46	0.27	0.39	30.9	1.5	0.18	4.37	6.92	**12.82**
1404	82	770	slu	Min	-1.09	-28.33	-11.25	-0.18	-1.14	0.78	30.5	1.2	0.18	3.38	6.84	**12.37**
1404	82	769	slu	Min	0.29	-13.54	-5.32	-0.15	-0.20	-0.61	14.5	0.3	0.05	0.75	3.26	**5.71**
1405	83	793	s	Max	3.58	33.54	44.14	1.28	3.74	2.89	55.4	4.0	0.60	11.61	12.43	**24.75**
1405	83	783	s	Max	2.96	41.21	54.15	0.96	6.03	3.08	68.1	6.1	0.50	17.93	15.26	**32.22**
1405	83	793	s	Min	-2.96	-41.21	-52.66	-0.91	-3.26	-3.53	66.9	3.4	0.50	9.93	14.99	**27.98**
1405	83	783	s	Min	-3.58	-33.54	-42.64	-1.64	-4.92	-3.68	54.3	5.2	0.60	15.24	12.16	**26.36**
1405	83	793	slu	Max	0.80	10.67	14.21	0.17	0.56	-0.16	17.8	0.6	0.13	1.70	3.98	**7.14**
1405	83	783	slu	Max	-0.03	6.50	9.69	-0.19	2.02	0.09	11.7	2.0	0.01	5.96	2.62	**7.49**
1405	83	793	slu	Min	0.03	-6.50	-7.75	-0.61	-0.24	-0.76	10.1	0.7	0.01	1.92	2.27	**4.37**
1405	83	783	slu	Min	-0.80	-10.67	-12.71	-0.77	-0.11	-0.84	16.6	0.8	0.13	2.28	3.72	**6.88**
1406	84	770	s	Max	2.19	29.15	25.78	0.70	2.17	4.95	38.9	2.3	0.37	6.70	8.72	**16.68**
1406	84	764	s	Max	4.10	17.17	15.36	1.22	3.35	3.96	23.0	3.6	0.69	10.46	5.17	**14.29**
1406	84	770	s	Min	-4.10	-17.17	-14.15	-0.07	-2.98	-2.42	22.2	3.0	0.69	8.76	4.99	**12.80**
1406	84	764	s	Min	-2.19	-29.15	-24.57	-1.55	-5.81	-2.67	38.1	6.0	0.37	17.66	8.55	**23.33**
1406	84	770	slu	Max	-1.23	29.24	26.12	0.51	-0.53	4.48	39.2	0.7	0.21	2.16	8.79	**15.41**
1406	84	764	slu	Max	3.58	-12.60	-10.22	0.60	-1.58	2.69	16.2	1.7	0.60	4.98	3.64	**8.42**
1406	84	770	slu	Min	-3.58	12.60	11.80	-0.29	-2.08	1.26	17.3	2.1	0.60	6.18	3.87	**9.53**
1406	84	764	slu	Min	1.23	-29.24	-24.55	-0.09	-4.05	1.18	38.2	4.1	0.21	11.90	8.56	**19.14**
1407	85	794	s	Max	2.67	6.73	45.36	3.54	5.22	2.36	45.9	6.3	0.45	18.52	10.28	**26.02**
1407	85	785	s	Max	2.24	2.78	185.63	3.11	2.27	2.16	185.6	3.9	0.38	11.32	41.63	**73.04**
1407	85	794	s	Min	-2.24	-2.78	-184.53	-8.24	-4.47	-2.16	184.5	9.4	0.38	27.51	41.38	**76.91**
1407	85	785	s	Min	-2.67	-6.73	-44.27	-7.84	-2.02	-2.36	44.8	8.1	0.45	23.77	10.04	**29.81**
1407	85	794	slu	Max	0.93	4.80	24.20	-1.32	1.76	0.56	24.7	2.2	0.16	6.47	5.53	**11.65**
1407	85	785	slu	Max	0.74	-0.79	208.97	-0.56	0.46	0.00	209.0	0.7	0.12	2.13	46.86	**81.19**
1407	85	794	slu	Min	-0.74	0.79	-207.54	-5.53	-1.13	0.00	207.5	5.6	0.12	16.57	46.54	**82.31**
1407	85	785	slu	Min	-0.93	-4.80	-23.10	-5.92	-0.63	-0.56	23.6	6.0	0.16	17.48	5.29	**19.87**
1408	86	795	s	Max	14.42	4.35	26.51	0.98	6.68	2.07	26.9	6.8	2.43	19.83	6.02	**24.58**
1408	86	780	s	Max	12.57	1.78	69.00	1.22	10.54	1.86	69.0	10.6	2.11	31.14	15.48	**42.72**
1408	86	795	s	Min	-12.57	-1.78	-68.46	-2.12	-5.81	-1.86	68.5	6.2	2.11	18.17	15.35	**33.45**

1408	86	780	s	Min	-14.42	-4.35	-25.96	-3.14	-9.19	-2.07	26.3	9.7	2.43	28.52	5.90	**32.59**
1408	86	795	slu	Max	4.82	2.17	21.91	3.30	2.22	0.60	22.0	4.0	0.81	11.67	4.94	**15.13**
1408	86	780	slu	Max	3.00	6.20	53.76	4.11	3.53	0.04	54.1	5.4	0.51	15.89	12.13	**26.66**
1408	86	795	slu	Min	-3.00	-6.20	-53.05	-0.92	-1.60	-0.04	53.4	1.8	0.51	5.41	11.98	**21.57**
1408	86	780	slu	Min	-4.82	-2.17	-21.36	-1.67	-1.99	-0.60	21.5	2.6	0.81	7.62	4.81	**11.85**
1409	87	796	s	Max	27.03	272.93	160.78	13.45	35.78	30.18	316.8	38.2	4.55	112.22	71.03	**169.61**
1409	87	794	s	Max	25.00	282.66	160.20	10.08	9.02	19.82	324.9	13.5	4.20	39.71	72.85	**133.60**
1409	87	796	s	Min	-25.00	-282.66	-159.13	-6.47	-32.46	-32.71	324.4	33.1	4.20	97.18	72.73	**161.70**
1409	87	794	s	Min	-27.03	-272.93	-159.71	-4.29	-9.91	-21.35	316.2	10.8	4.55	31.72	70.91	**128.05**
1409	87	796	slu	Max	5.95	74.47	50.81	9.15	9.31	0.48	90.2	13.1	1.00	38.33	20.21	**52.66**
1409	87	794	slu	Max	0.45	224.99	131.02	8.58	2.62	0.42	260.4	9.0	0.08	26.35	58.38	**104.51**
1409	87	796	slu	Min	-0.45	-224.99	-129.95	4.61	-0.23	-7.34	259.8	4.6	0.08	13.56	58.26	**101.82**
1409	87	794	slu	Min	-5.95	-74.47	-49.42	2.70	-2.22	-4.55	89.4	3.5	1.00	10.25	20.04	**36.49**
1409	88	794	s	Max	6.66	254.68	149.57	1.49	2.80	8.04	295.4	3.2	1.12	9.32	66.23	**115.18**
1409	88	795	s	Max	7.37	319.82	186.60	8.31	5.76	7.47	370.3	10.1	1.24	29.68	83.03	**147.09**
1409	88	794	s	Min	-7.37	-319.82	-185.53	-0.81	-3.12	-7.31	369.7	3.2	1.24	9.46	82.90	**143.99**
1409	88	795	s	Min	-6.66	-254.68	-148.50	-5.31	-6.29	-6.80	294.8	8.2	1.12	24.16	66.11	**117.26**
1409	88	794	slu	Max	1.85	27.30	17.28	0.55	0.21	2.01	32.3	0.6	0.31	1.73	7.24	**12.71**
1409	88	795	slu	Max	1.81	192.08	113.92	3.20	2.00	1.61	223.3	3.8	0.30	11.08	50.07	**87.47**
1409	88	794	slu	Min	-1.81	-192.08	-112.85	-0.35	-0.84	-1.36	222.8	0.9	0.30	2.66	49.95	**86.57**
1409	88	795	slu	Min	-1.85	-27.30	-15.89	0.94	-1.32	-2.33	31.6	1.6	0.31	4.76	7.08	**13.27**
1409	89	795	s	Max	16.82	250.65	158.11	7.80	1.54	11.76	296.4	8.0	2.83	23.34	66.45	**118.03**
1409	89	778	s	Max	15.21	318.71	201.94	8.41	21.33	18.67	377.3	22.9	2.56	67.32	84.60	**162.34**
1409	89	795	s	Min	-15.21	-318.71	-200.87	-10.45	-1.59	-13.05	376.7	10.6	2.56	31.05	84.47	**150.12**
1409	89	778	s	Min	-16.82	-250.65	-157.04	-12.19	-19.36	-20.60	295.8	22.9	2.83	67.16	66.32	**134.51**
1409	89	795	slu	Max	4.45	27.09	15.38	-1.06	-0.04	1.21	31.2	1.1	0.75	3.12	6.98	**12.70**
1409	89	778	slu	Max	1.54	185.15	116.66	-1.89	5.75	1.87	218.8	6.1	0.26	17.78	49.07	**86.88**
1409	89	795	slu	Min	-1.54	-185.15	-115.59	-5.39	-0.45	-3.54	218.3	5.4	0.26	15.87	48.94	**86.29**
1409	89	778	slu	Min	-4.45	-27.09	-13.99	-5.91	-1.70	-5.36	30.5	6.1	0.75	18.04	6.84	**22.21**
1410	90	796	s	Max	17.17	114.11	205.35	3.94	44.43	16.92	234.9	44.6	2.89	130.96	52.68	**161.99**
1410	90	785	s	Max	15.46	19.88	36.31	2.01	17.05	14.01	41.4	17.2	2.60	50.41	9.28	**55.39**
1410	90	796	s	Min	-15.46	-19.88	-34.43	-2.81	-39.89	-18.77	39.8	40.0	2.60	117.41	8.91	**121.00**
1410	90	785	s	Min	-17.17	-114.11	-203.47	-2.42	-15.48	-15.57	233.3	15.7	2.89	46.00	52.31	**102.95**

1410	90	796	slu	Max	4.72	143.63	258.48	2.98	12.48	0.18	295.7	12.8	0.79	37.68	66.30	**121.12**
1410	90	785	slu	Max	0.00	16.03	27.24	1.80	4.41	-0.02	31.6	4.8	0.00	13.98	7.09	**18.60**
1410	90	796	slu	Min	0.00	-16.03	-25.35	0.46	-0.81	-5.14	30.0	0.9	0.00	2.75	6.72	**11.97**
1410	90	785	slu	Min	-4.72	-143.63	-256.03	-0.42	-0.02	-4.30	293.6	0.4	0.79	1.23	65.82	**114.03**
1411	91	794	s	Max	0.51	65.13	77.35	1.01	2.09	1.72	101.1	2.3	0.09	6.82	22.67	**39.88**
1411	91	780	s	Max	0.43	14.28	17.09	3.00	2.46	2.38	22.3	3.9	0.07	11.38	4.99	**14.35**
1411	91	794	s	Min	-0.43	-14.28	-15.66	-1.94	-2.00	-1.69	21.2	2.8	0.07	8.17	4.75	**11.65**
1411	91	780	s	Min	-0.51	-65.13	-75.92	-2.91	-2.35	-2.58	100.0	3.7	0.09	10.97	22.43	**40.39**
1411	91	794	slu	Max	0.25	77.40	92.32	-0.32	0.24	0.36	120.5	0.4	0.04	1.16	27.01	**46.80**
1411	91	780	slu	Max	0.04	32.76	38.93	2.08	0.62	-0.06	50.9	2.2	0.01	6.36	11.41	**20.76**
1411	91	794	slu	Min	-0.04	-32.76	-37.50	-1.87	-0.71	-0.13	49.8	2.0	0.01	5.88	11.17	**20.22**
1411	91	780	slu	Min	-0.25	-77.40	-90.46	-0.49	0.11	-0.68	119.1	0.5	0.04	1.46	26.69	**46.26**
1412	92	797	s	Max	2.13	66.61	29.47	2.16	1.91	2.14	72.8	2.9	0.36	8.47	16.33	**29.63**
1412	92	776	s	Max	2.56	39.33	17.01	1.24	4.07	3.37	42.9	4.3	0.43	12.49	9.61	**21.07**
1412	92	797	s	Min	-2.56	-39.33	-16.01	-0.83	-2.44	-1.80	42.5	2.6	0.43	7.56	9.52	**18.33**
1412	92	776	s	Min	-2.13	-66.61	-28.47	-0.38	-3.91	-2.84	72.4	3.9	0.36	11.53	16.24	**30.54**
1412	92	797	slu	Max	1.36	21.15	10.23	0.91	-0.40	0.29	23.5	1.0	0.23	2.92	5.27	**9.65**
1412	92	776	slu	Max	0.36	19.07	8.94	0.64	2.59	0.42	21.1	2.7	0.06	7.82	4.72	**11.36**
1412	92	797	slu	Min	-0.36	-19.07	-7.94	-1.54	-1.45	-0.99	20.7	2.1	0.06	6.22	4.63	**10.18**
1412	92	776	slu	Min	-1.36	-21.15	-8.94	0.23	0.11	-2.13	23.0	0.3	0.23	0.75	5.15	**8.97**
1413	93	795	s	Max	91.22	0.90	28.13	2.32	2.90	2.66	28.1	3.7	15.34	10.89	6.31	**28.42**
1413	93	782	s	Max	193.17	0.77	13.64	2.17	4.45	2.09	13.7	5.0	32.49	14.54	3.06	**47.32**
1413	93	795	s	Min	-193.17	-0.77	-11.18	-1.84	-0.47	-2.86	11.2	1.9	32.49	5.57	2.51	**38.30**
1413	93	782	s	Min	-91.22	-0.90	-25.66	-2.75	-8.81	-2.59	25.7	9.2	15.34	27.10	5.76	**43.60**
1413	93	795	slu	Max	56.25	0.12	21.09	0.44	1.50	1.55	21.1	1.6	9.46	4.59	4.73	**16.26**
1413	93	782	slu	Max	141.97	0.63	9.72	1.47	-1.14	1.77	9.7	1.9	23.88	5.46	2.18	**29.58**
1413	93	795	slu	Min	-141.97	-0.63	-7.26	-0.99	-0.43	-0.17	7.3	1.1	23.88	3.16	1.63	**27.19**
1413	93	782	slu	Min	-56.25	-0.12	-17.88	-0.53	-6.85	-0.45	17.9	6.9	9.46	20.16	4.01	**30.42**
1414	94	794	s	Max	197.13	2.10	99.29	1.45	2.03	6.38	99.3	2.5	33.15	7.32	22.27	**55.91**
1414	94	783	s	Max	72.42	1.74	36.79	4.21	6.95	4.80	36.8	8.1	12.18	23.86	8.26	**38.78**
1414	94	794	s	Min	-72.42	-1.74	-34.06	-2.01	-4.22	-5.33	34.1	4.7	12.18	13.73	7.65	**29.10**
1414	94	783	s	Min	-197.13	-2.10	-96.56	-4.64	-2.75	-3.89	96.6	5.4	33.15	15.83	21.66	**61.70**
1414	94	794	slu	Max	195.81	0.56	99.54	-0.23	-0.07	1.74	99.5	0.2	32.93	0.70	22.32	**51.24**

1414	94	783	slu	Max	7.72	-0.10	5.22	-0.05	5.47	1.24	5.2	5.5	1.30	16.05	1.17	**17.46**
1414	94	794	slu	Min	-7.72	0.10	-2.49	-0.89	-1.39	0.25	2.5	1.7	1.30	4.85	0.56	**6.23**
1414	94	783	slu	Min	-195.81	-0.56	-95.99	-0.61	1.09	0.28	96.0	1.2	32.93	3.66	21.52	**52.23**
1415	95	795	s	Max	182.52	1.06	51.65	2.01	1.00	3.39	51.7	2.2	30.69	6.60	11.58	**42.35**
1415	95	764	s	Max	84.73	0.85	24.52	2.71	6.50	2.52	24.5	7.0	14.25	20.67	5.50	**36.20**
1415	95	795	s	Min	-84.73	-0.85	-21.99	-1.69	-3.72	-2.79	22.0	4.1	14.25	11.99	4.93	**27.60**
1415	95	764	s	Min	-182.52	-1.06	-49.12	-3.35	-2.73	-1.99	49.1	4.3	30.69	12.69	11.02	**47.40**
1415	95	795	slu	Max	130.90	0.32	37.38	0.31	0.17	0.97	37.4	0.4	22.01	1.05	8.38	**27.26**
1415	95	764	slu	Max	49.86	0.10	15.51	-0.01	5.38	0.70	15.5	5.4	8.39	15.79	3.48	**24.92**
1415	95	795	slu	Min	-49.86	-0.10	-12.98	-0.04	-1.78	-0.39	13.0	1.8	8.39	5.23	2.91	**14.52**
1415	95	764	slu	Min	-130.90	-0.32	-34.09	-0.59	1.49	-0.14	34.1	1.6	22.01	4.70	7.64	**29.82**
1416	96	789	s	Max	66.71	22.23	3.63	2.96	1.26	1.09	22.5	3.2	11.22	9.45	5.05	**22.44**
1416	96	771	s	Max	37.57	12.46	1.32	2.35	1.60	1.18	12.5	2.8	6.32	8.34	2.81	**15.45**
1416	96	789	s	Min	-37.57	-12.46	0.13	-1.93	-4.50	-1.07	12.5	4.9	6.32	14.37	2.79	**21.25**
1416	96	771	s	Min	-66.71	-22.23	-2.18	-1.95	-2.64	-1.13	22.3	3.3	11.22	9.65	5.01	**22.60**
1416	96	789	slu	Max	83.79	28.45	4.47	0.68	-1.52	0.71	28.8	1.7	14.09	4.90	6.46	**22.04**
1416	96	771	slu	Max	-26.21	-8.80	-0.70	0.94	-0.22	0.76	8.8	1.0	4.41	2.83	1.98	**8.01**
1416	96	789	slu	Min	26.21	8.80	2.58	-0.05	-2.81	0.02	9.2	2.8	4.41	8.25	2.06	**13.14**
1416	96	771	slu	Min	-83.79	-28.45	-2.59	0.21	-1.23	0.06	28.6	1.3	14.09	3.67	6.40	**20.94**
1417	97	783	s	Max	125.80	42.22	5.64	1.99	0.89	0.85	42.6	2.2	21.16	6.39	9.55	**32.13**
1417	97	771	s	Max	125.12	42.28	3.45	2.42	2.52	0.83	42.4	3.5	21.04	10.25	9.51	**35.37**
1417	97	783	s	Min	-125.12	-42.28	-2.00	-3.35	-5.68	-0.55	42.3	6.6	21.04	19.36	9.49	**43.62**
1417	97	771	s	Min	-125.80	-42.22	-4.19	-3.24	-4.21	-0.62	42.4	5.3	21.16	15.59	9.51	**40.27**
1417	97	783	slu	Max	102.77	1.89	4.71	-0.58	-1.66	0.30	5.1	1.8	17.28	5.17	1.14	**22.54**
1417	97	771	slu	Max	5.16	34.56	-0.50	0.21	-0.36	0.20	34.6	0.4	0.87	1.23	7.75	**13.59**
1417	97	783	slu	Min	-5.16	-34.56	2.38	-1.01	-3.82	-0.47	34.6	3.9	0.87	11.59	7.77	**18.34**
1417	97	771	slu	Min	-102.77	-1.89	-3.05	-0.70	-1.21	-0.08	3.6	1.4	17.28	4.11	0.80	**21.44**
1418	98	783	s	Max	100.00	37.25	6.93	1.72	3.81	0.81	37.9	4.2	16.82	12.27	8.50	**32.60**
1418	98	798	s	Max	64.28	23.79	4.00	2.23	2.85	0.63	24.1	3.6	10.81	10.64	5.41	**23.41**
1418	98	783	s	Min	-64.28	-23.79	-2.70	-2.24	-1.12	-0.73	23.9	2.5	10.81	7.36	5.37	**20.41**
1418	98	798	s	Min	-100.00	-37.25	-5.63	-2.69	-2.95	-0.73	37.7	4.0	16.82	11.72	8.45	**32.07**
1418	98	783	slu	Max	36.48	13.72	3.45	0.04	3.36	0.73	14.1	3.4	6.13	9.85	3.17	**16.90**
1418	98	798	slu	Max	21.83	8.43	1.61	-0.29	0.06	0.46	8.6	0.3	3.67	0.87	1.92	**5.64**

1418	98	783	slu	Min	-21.83	-8.43	-0.30	-0.31	0.58	0.07	8.4	0.7	3.67	1.94	1.89	**6.50**
1418	98	798	slu	Min	-36.48	-13.72	-1.76	-0.69	-0.86	-0.07	13.8	1.1	6.13	3.25	3.10	**10.82**
1419	99	789	s	Max	131.63	32.24	8.22	3.56	5.95	0.80	33.3	6.9	22.14	20.35	7.46	**44.41**
1419	99	798	s	Max	87.02	48.70	4.07	2.88	3.31	0.80	48.9	4.4	14.63	12.87	10.96	**33.42**
1419	99	789	s	Min	-87.02	-48.70	-2.77	-2.08	-1.72	-1.22	48.8	2.7	14.63	7.93	10.94	**29.46**
1419	99	798	s	Min	-131.63	-32.24	-6.92	-2.59	-2.99	-1.28	33.0	4.0	22.14	11.61	7.39	**36.09**
1419	99	789	slu	Max	48.34	30.08	4.80	1.20	3.89	-0.47	30.5	4.1	8.13	11.95	6.83	**23.30**
1419	99	798	slu	Max	78.74	17.84	3.76	0.43	0.83	-0.53	18.2	0.9	13.24	2.73	4.09	**17.47**
1419	99	789	slu	Min	-78.74	-17.84	-2.46	0.79	2.34	-1.08	18.0	2.5	13.24	7.24	4.04	**21.64**
1419	99	798	slu	Min	-48.34	-30.08	-3.10	-0.03	-1.10	-1.20	30.2	1.1	8.13	3.24	6.78	**16.35**
1420	100	798	s	Max	102.68	38.02	4.14	2.76	1.85	1.07	38.2	3.3	17.27	9.75	8.58	**30.83**
1420	100	791	s	Max	65.86	24.49	4.00	3.49	2.67	1.12	24.8	4.4	11.08	12.91	5.56	**25.85**
1420	100	798	s	Min	-65.86	-24.49	-2.70	-2.42	-2.72	-0.66	24.6	3.6	11.08	10.69	5.52	**23.78**
1420	100	791	s	Min	-102.68	-38.02	-2.83	-2.00	-6.78	-0.64	38.1	7.1	17.27	20.74	8.55	**40.79**
1420	100	798	slu	Max	37.58	13.81	1.60	0.32	-0.38	0.92	13.9	0.5	6.32	1.44	3.12	**9.46**
1420	100	791	slu	Max	21.38	8.35	3.21	1.38	-2.36	1.04	8.9	2.7	3.59	8.02	2.01	**12.12**
1420	100	798	slu	Min	-21.38	-8.35	-1.78	0.07	-0.98	0.43	8.5	1.0	3.59	2.90	1.91	**7.29**
1420	100	791	slu	Min	-37.58	-13.81	0.10	0.86	-4.38	0.11	13.8	4.5	6.32	13.11	3.10	**20.16**
1421	101	798	s	Max	131.14	33.11	8.44	2.68	4.06	0.42	34.2	4.9	22.05	14.29	7.66	**38.69**
1421	101	785	s	Max	87.64	49.64	6.72	2.18	0.52	0.77	50.1	2.2	14.74	6.59	11.23	**28.87**
1421	101	798	s	Min	-87.64	-49.64	-5.41	-2.84	-3.42	-0.24	49.9	4.4	14.74	13.05	11.20	**33.88**
1421	101	785	s	Min	-131.14	-33.11	-7.14	-2.69	-2.90	-0.56	33.9	4.0	22.05	11.63	7.59	**36.16**
1421	101	798	slu	Max	47.24	30.10	3.27	0.36	2.36	0.17	30.3	2.4	7.94	7.01	6.79	**19.03**
1421	101	785	slu	Max	79.20	17.93	4.90	0.33	0.11	0.20	18.6	0.3	13.32	1.02	4.17	**16.05**
1421	101	798	slu	Min	-79.20	-17.93	-3.59	-0.21	0.10	-0.30	18.3	0.2	13.32	0.69	4.10	**15.71**
1421	101	785	slu	Min	-47.24	-30.10	-1.57	-0.23	-1.46	-0.55	30.1	1.5	7.94	4.35	6.76	**16.98**
1422	102	791	s	Max	111.54	33.12	9.59	3.10	4.56	1.41	34.5	5.5	18.76	16.20	7.73	**37.43**
1422	102	799	s	Max	90.20	40.84	6.21	2.47	2.34	1.26	41.3	3.4	15.17	9.99	9.26	**29.84**
1422	102	791	s	Min	-90.20	-40.84	-4.90	-1.73	-1.08	-1.82	41.1	2.0	15.17	5.98	9.22	**26.51**
1422	102	799	s	Min	-111.54	-33.12	-8.29	-2.08	-1.31	-1.71	34.1	2.5	18.76	7.22	7.66	**29.16**
1422	102	791	slu	Max	24.06	14.76	3.91	1.10	2.70	-0.23	15.3	2.9	4.05	8.57	3.42	**13.94**
1422	102	799	slu	Max	38.21	8.70	2.63	1.74	1.91	-0.48	9.1	2.6	6.43	7.57	2.04	**14.44**
1422	102	791	slu	Min	-38.21	-8.70	-0.93	-0.28	1.79	-1.05	8.8	1.8	6.43	5.32	1.96	**12.23**

1422	102	799	slu	Min	-24.06	-14.76	-2.21	0.19	0.38	-1.09	14.9	0.4	4.05	1.25	3.35	**7.85**
1423	103	785	s	Max	174.09	65.26	13.23	2.21	3.97	0.84	66.6	4.5	29.28	13.34	14.93	**49.85**
1423	103	799	s	Max	110.46	41.05	7.58	2.45	2.36	0.52	41.7	3.4	18.58	10.00	9.36	**32.86**
1423	103	785	s	Min	-110.46	-41.05	-6.27	-2.71	-1.88	-1.14	41.5	3.3	18.58	9.68	9.31	**32.54**
1423	103	799	s	Min	-174.09	-65.26	-11.93	-2.53	-2.81	-0.84	66.3	3.8	29.28	11.09	14.88	**47.89**
1423	103	785	slu	Max	64.26	24.41	6.07	0.18	1.27	0.68	25.2	1.3	10.81	3.76	5.64	**17.54**
1423	103	799	slu	Max	84.26	32.11	7.47	1.32	-0.55	0.28	33.0	1.4	14.17	4.21	7.39	**22.40**
1423	103	785	slu	Min	-84.26	-32.11	-6.17	-1.25	0.13	-0.26	32.7	1.3	14.17	3.67	7.33	**21.90**
1423	103	799	slu	Min	-64.26	-24.41	-4.37	0.00	-1.98	-0.27	24.8	2.0	10.81	5.82	5.56	**19.22**
1430	110	806	s	Max	92.78	0.24	14.41	2.96	3.55	0.90	14.4	4.6	15.60	13.56	3.23	**29.70**
1430	110	807	s	Max	47.15	0.57	6.32	1.58	13.56	0.54	6.3	13.7	7.93	40.08	1.42	**48.07**
1430	110	806	s	Min	-47.15	-0.57	-4.47	-1.47	-4.34	-1.60	4.5	4.6	7.93	13.44	1.01	**21.44**
1430	110	807	s	Min	-92.78	-0.24	-12.56	-2.90	-20.49	-1.15	12.6	20.7	15.60	60.75	2.82	**76.51**
1430	110	806	slu	Max	106.43	0.75	16.97	2.70	2.06	1.31	17.0	3.4	17.90	9.97	3.81	**28.64**
1430	110	807	slu	Max	-33.29	0.29	-4.56	-0.92	0.31	1.68	4.6	1.0	5.60	2.86	1.02	**8.64**
1430	110	806	slu	Min	33.29	-0.29	6.97	0.52	-2.68	-0.55	7.0	2.7	5.60	8.01	1.56	**13.88**
1430	110	807	slu	Min	-106.43	-0.75	-14.64	-2.84	-7.61	-0.61	14.7	8.1	17.90	23.86	3.29	**42.14**
1431	111	807	s	Max	98.63	3.17	33.93	2.92	20.54	2.51	34.1	20.7	16.59	60.91	7.64	**78.62**
1431	111	808	s	Max	57.73	3.44	37.90	1.52	36.73	2.35	38.1	36.8	9.71	107.91	8.53	**118.55**
1431	111	807	s	Min	-57.73	-3.44	-37.20	-1.36	-13.67	-2.06	37.4	13.7	9.71	40.33	8.38	**52.10**
1431	111	808	s	Min	-98.63	-3.17	-33.23	-3.02	-29.84	-3.22	33.4	30.0	16.59	88.04	7.49	**105.43**
1431	111	807	slu	Max	89.12	-0.27	14.45	3.55	7.60	0.43	14.5	8.4	14.99	24.63	3.24	**40.01**
1431	111	808	slu	Max	-28.02	8.89	2.93	0.02	3.68	-0.83	9.4	3.7	4.71	10.81	2.10	**15.94**
1431	111	807	slu	Min	28.02	-8.89	-2.03	1.42	-0.36	-5.28	9.1	1.5	4.71	4.31	2.04	**9.69**
1431	111	808	slu	Min	-89.12	0.27	-13.54	-1.86	-8.47	-8.30	13.5	8.7	14.99	25.47	3.04	**40.80**
1432	112	808	s	Max	111.03	0.78	22.93	2.22	24.10	0.92	22.9	24.2	18.67	71.06	5.15	**90.18**
1432	112	775	s	Max	71.06	0.50	11.90	2.86	11.50	1.28	11.9	11.8	11.95	34.79	2.67	**46.97**
1432	112	808	s	Min	-71.06	-0.50	-10.80	-2.95	-30.77	-0.70	10.8	30.9	11.95	90.76	2.42	**102.80**
1432	112	775	s	Min	-111.03	-0.78	-21.84	-2.21	-20.24	-0.82	21.8	20.4	18.67	59.78	4.90	**78.90**
1432	112	808	slu	Max	90.90	4.19	15.82	1.26	6.20	5.67	16.4	6.3	15.29	18.57	3.67	**34.45**
1432	112	775	slu	Max	-28.14	-0.34	-4.33	0.45	2.54	4.73	4.3	2.6	4.73	7.58	0.97	**12.43**
1432	112	808	slu	Min	28.14	0.34	5.76	-1.14	-6.80	0.33	5.8	6.9	4.73	20.25	1.29	**25.08**
1432	112	775	slu	Min	-90.90	-4.19	-14.73	-2.39	-8.57	0.49	15.3	8.9	15.29	26.13	3.43	**41.84**

1435	115	809	s	Max	139.34	0.50	12.64	2.25	10.99	0.83	12.6	11.2	23.43	32.93	2.84	**56.58**
1435	115	782	s	Max	88.41	0.61	10.89	2.54	12.62	1.07	10.9	12.9	14.87	37.79	2.45	**52.83**
1435	115	809	s	Min	-88.41	-0.61	-9.23	-2.54	-6.12	-1.11	9.3	6.6	14.87	19.44	2.07	**34.50**
1435	115	782	s	Min	-139.34	-0.50	-10.98	-2.21	-5.45	-1.17	11.0	5.9	23.43	17.27	2.46	**40.92**
1435	115	809	slu	Max	120.92	0.23	13.21	2.15	16.27	0.56	13.2	16.4	20.33	48.19	2.96	**68.72**
1435	115	782	slu	Max	-43.51	0.46	1.14	0.33	15.65	0.27	1.2	15.7	7.32	45.96	0.27	**53.28**
1435	115	809	slu	Min	43.51	-0.46	1.02	-0.24	-4.36	-0.94	1.1	4.4	7.32	12.81	0.25	**20.13**
1435	115	782	slu	Min	-120.92	-0.23	-11.55	-2.23	-4.69	-0.69	11.6	5.2	20.33	15.26	2.59	**35.88**
1436	116	810	s	Max	111.81	1.01	15.85	2.26	6.62	1.25	15.9	7.0	18.80	20.55	3.56	**39.83**
1436	116	809	s	Max	57.44	0.81	6.62	2.53	6.12	1.20	6.7	6.6	9.66	19.43	1.50	**29.20**
1436	116	810	s	Min	-57.44	-0.81	-5.52	-2.62	-9.00	-0.95	5.6	9.4	9.66	27.51	1.25	**37.24**
1436	116	809	s	Min	-111.81	-1.01	-14.76	-2.22	-10.99	-1.03	14.8	11.2	18.80	32.91	3.32	**52.03**
1436	116	810	slu	Max	130.67	2.27	28.48	1.79	-1.70	2.96	28.6	2.5	21.98	7.25	6.41	**31.26**
1436	116	809	slu	Max	-47.53	-0.25	-8.65	0.26	4.36	2.42	8.7	4.4	7.99	12.81	1.94	**21.07**
1436	116	810	slu	Min	47.53	0.25	9.75	-0.63	-14.38	0.36	9.8	14.4	7.99	42.24	2.19	**50.38**
1436	116	809	slu	Min	-130.67	-2.27	-27.06	-2.40	-16.27	0.22	27.2	16.5	21.98	48.30	6.09	**71.06**
1437	117	811	s	Max	118.50	2.69	12.42	1.98	6.47	2.44	12.7	6.8	19.93	19.88	2.85	**40.11**
1437	117	810	s	Max	46.28	4.31	9.04	1.54	9.48	1.65	10.0	9.6	7.78	28.21	2.24	**36.20**
1437	117	811	s	Min	-46.28	-4.31	-8.34	-1.10	-3.40	-3.58	9.4	3.6	7.78	10.48	2.10	**18.63**
1437	117	810	s	Min	-118.50	-2.69	-11.72	-2.12	-3.94	-2.94	12.0	4.5	19.93	13.13	2.70	**33.39**
1437	117	811	slu	Max	158.57	-1.52	12.09	2.07	10.50	-1.05	12.2	10.7	26.67	31.43	2.73	**58.29**
1437	117	810	slu	Max	-64.76	6.74	0.61	-0.19	16.56	-1.25	6.8	16.6	10.89	48.61	1.52	**59.56**
1437	117	811	slu	Min	64.76	-6.74	0.30	0.71	-1.70	-5.05	6.7	1.8	10.89	5.40	1.51	**16.50**
1437	117	810	slu	Min	-158.57	1.52	-11.40	-0.79	-1.79	-5.11	11.5	2.0	26.67	5.75	2.58	**32.72**
1438	118	812	s	Max	116.69	0.54	12.04	2.07	8.23	0.79	12.1	8.5	19.62	24.93	2.70	**44.80**
1438	118	787	s	Max	75.88	0.78	11.33	2.25	10.60	1.20	11.4	10.8	12.76	31.80	2.55	**44.78**
1438	118	812	s	Min	-75.88	-0.78	-9.67	-2.20	-3.55	-1.18	9.7	4.2	12.76	12.27	2.18	**25.31**
1438	118	787	s	Min	-116.69	-0.54	-10.38	-2.04	-3.14	-1.67	10.4	3.7	19.62	10.98	2.33	**30.87**
1438	118	812	slu	Max	105.02	0.29	10.31	2.15	16.01	0.62	10.3	16.2	17.66	47.43	2.31	**65.22**
1438	118	787	slu	Max	-35.38	0.57	1.93	0.32	16.54	0.43	2.0	16.5	5.95	48.57	0.45	**54.52**
1438	118	812	slu	Min	35.38	-0.57	0.23	-0.12	-3.24	-0.98	0.6	3.2	5.95	9.51	0.14	**15.46**
1438	118	787	slu	Min	-105.02	-0.29	-8.65	-2.26	-2.47	-1.08	8.7	3.3	17.66	9.83	1.94	**27.70**
1439	119	813	s	Max	112.37	1.36	15.85	2.07	4.47	1.73	15.9	4.9	18.90	14.46	3.57	**33.92**

1439	119	812	s	Max	56.40	1.50	6.39	2.22	3.55	1.52	6.6	4.2	9.48	12.30	1.47	**21.93**
1439	119	813	s	Min	-56.40	-1.50	-5.29	-2.22	-7.14	-2.00	5.5	7.5	9.48	21.95	1.23	**31.50**
1439	119	812	s	Min	-112.37	-1.36	-14.76	-2.04	-8.23	-1.59	14.8	8.5	18.90	24.90	3.32	**44.18**
1439	119	813	slu	Max	128.90	1.08	28.25	2.02	1.59	1.54	28.3	2.6	21.68	7.54	6.34	**31.21**
1439	119	812	slu	Max	-50.53	0.12	-8.65	0.20	3.24	1.02	8.6	3.2	8.50	9.52	1.94	**18.32**
1439	119	813	slu	Min	50.53	-0.12	9.74	-0.27	-14.56	-0.23	9.7	14.6	8.50	42.74	2.18	**51.38**
1439	119	812	slu	Min	-128.90	-1.08	-26.82	-2.31	-16.01	-0.04	26.8	16.2	21.68	47.50	6.02	**69.96**
1440	120	819	s	Max	143.05	0.19	11.49	1.89	3.82	0.21	11.5	4.3	24.06	12.51	2.58	**36.84**
1440	120	792	s	Max	217.00	0.19	15.89	1.87	1.06	0.54	15.9	2.1	36.49	6.31	3.56	**43.25**
1440	120	819	s	Min	-217.00	-0.19	-14.10	-1.89	-8.75	-0.21	14.1	9.0	36.49	26.29	3.16	**63.02**
1440	120	792	s	Min	-143.05	-0.19	-9.70	-1.87	-2.66	-0.54	9.7	3.3	24.06	9.56	2.17	**33.82**
1440	120	819	slu	Max	16.98	0.17	3.70	1.36	-3.23	0.19	3.7	3.5	2.86	10.29	0.83	**13.23**
1440	120	792	slu	Max	83.14	0.00	5.28	0.00	-2.25	0.45	5.3	2.2	13.98	6.60	1.18	**20.69**
1440	120	819	slu	Min	-83.14	0.00	-2.95	0.00	-10.30	0.00	2.9	10.3	13.98	30.23	0.66	**44.23**
1440	120	792	slu	Min	-16.98	-0.17	-1.91	-1.41	-7.67	0.00	1.9	7.8	2.86	22.90	0.43	**25.76**
1441	121	820	s	Max	133.40	0.41	13.96	1.83	5.92	0.64	14.0	6.2	22.43	18.20	3.13	**41.00**
1441	121	819	s	Max	83.00	0.41	12.07	1.78	8.14	0.89	12.1	8.3	13.96	24.46	2.71	**38.70**
1441	121	820	s	Min	-83.00	-0.41	-10.41	-1.83	-1.22	-0.64	10.4	2.2	13.96	6.46	2.34	**20.82**
1441	121	819	s	Min	-133.40	-0.41	-12.30	-1.78	-1.49	-0.89	12.3	2.3	22.43	6.80	2.76	**29.62**
1441	121	820	slu	Max	111.27	0.30	5.94	2.00	16.22	0.85	5.9	16.3	18.71	47.97	1.33	**66.72**
1441	121	819	slu	Max	-45.03	0.00	0.79	0.01	15.86	0.25	0.8	15.9	7.57	46.56	0.18	**54.13**
1441	121	820	slu	Min	45.03	0.00	1.37	-0.01	5.39	0.00	1.4	5.4	7.57	15.83	0.31	**23.41**
1441	121	819	slu	Min	-111.27	-0.30	-3.92	-2.11	5.45	0.00	3.9	5.8	18.71	17.17	0.88	**35.92**
1442	122	821	s	Max	163.21	0.68	19.08	1.83	2.62	0.64	19.1	3.2	27.45	9.38	4.28	**37.57**
1442	122	820	s	Max	142.58	0.68	13.14	1.78	1.22	1.00	13.2	2.2	23.98	6.33	2.95	**30.74**
1442	122	821	s	Min	-142.58	-0.68	-12.04	-1.83	-6.46	-0.64	12.1	6.7	23.98	19.73	2.70	**43.96**
1442	122	820	s	Min	-163.21	-0.68	-17.99	-1.78	-5.92	-1.00	18.0	6.2	27.45	18.16	4.04	**46.14**
1442	122	821	slu	Max	73.24	0.46	21.48	2.02	-5.23	0.65	21.5	5.6	12.32	16.47	4.82	**29.97**
1442	122	820	slu	Max	-15.92	0.00	-6.93	0.01	-5.39	0.43	6.9	5.4	2.68	15.83	1.55	**18.70**
1442	122	821	slu	Min	15.92	0.00	8.36	-0.01	-16.08	0.00	8.4	16.1	2.68	47.22	1.87	**50.00**
1442	122	820	slu	Min	-73.24	-0.46	-20.05	-2.14	-16.22	0.00	20.1	16.4	12.32	48.02	4.50	**60.84**
1443	123	813	s	Max	1.81	100.09	3.66	4.19	1.26	2.07	100.2	4.4	0.30	12.83	22.46	**41.06**
1443	123	810	s	Max	2.18	171.77	2.51	3.45	1.27	2.31	171.8	3.7	0.37	10.78	38.52	**67.64**

1443	123	813	s	Min	-2.18	-171.77	-1.59	-1.92	-1.27	-1.77	171.8	2.3	0.37	6.75	38.52	**67.09**
1443	123	810	s	Min	-1.81	-100.09	-2.74	-3.42	-1.26	-1.87	100.1	3.6	0.30	10.70	22.45	**40.41**
1443	123	813	slu	Max	2.04	168.61	2.19	2.09	0.06	0.25	168.6	2.1	0.34	6.15	37.81	**65.81**
1443	123	810	slu	Max	0.46	62.69	2.58	1.80	0.54	0.78	62.7	1.9	0.08	5.51	14.07	**25.00**
1443	123	813	slu	Min	-0.46	-62.69	-1.66	-2.61	-0.54	-2.23	62.7	2.7	0.08	7.82	14.06	**25.60**
1443	123	810	slu	Min	-2.04	-168.61	-1.00	-1.62	-0.06	-1.84	168.6	1.6	0.34	4.77	37.81	**65.68**
1444	124	810	s	Max	0.70	93.99	6.17	9.69	3.46	1.59	94.2	10.3	0.12	30.20	21.12	**47.51**
1444	124	808	s	Max	0.95	137.73	3.78	2.85	3.37	0.63	137.8	4.4	0.16	12.96	30.89	**55.09**
1444	124	810	s	Min	-0.95	-137.73	-2.86	-6.19	-3.37	-1.18	137.8	7.1	0.16	20.70	30.89	**57.42**
1444	124	808	s	Min	-0.70	-93.99	-5.25	-1.56	-3.46	-0.56	94.1	3.8	0.12	11.14	21.11	**38.25**
1444	124	810	slu	Max	0.48	123.76	2.45	2.52	-0.13	0.26	123.8	2.5	0.08	7.41	27.75	**48.65**
1444	124	808	slu	Max	0.35	31.89	1.62	1.72	1.17	0.47	31.9	2.1	0.06	6.11	7.16	**13.85**
1444	124	810	slu	Min	-0.35	-31.89	-0.70	-2.61	-1.17	-0.71	31.9	2.9	0.06	8.41	7.15	**15.01**
1444	124	808	slu	Min	-0.48	-123.76	-1.26	-0.62	0.13	-0.25	123.8	0.6	0.08	1.86	27.75	**48.10**
1445	125	819	s	Max	0.93	67.92	2.97	2.84	1.93	2.37	68.0	3.4	0.16	10.09	15.24	**28.32**
1445	125	787	s	Max	1.90	85.14	2.45	2.27	2.17	1.44	85.2	3.1	0.32	9.22	19.10	**34.43**
1445	125	819	s	Min	-1.90	-85.14	-1.53	-1.90	-2.17	-1.16	85.1	2.9	0.32	8.47	19.09	**34.22**
1445	125	787	s	Min	-0.93	-67.92	-2.06	-2.16	-1.93	-0.71	68.0	2.9	0.16	8.50	15.24	**27.77**
1445	125	819	slu	Max	0.79	183.96	0.99	0.70	-0.10	1.71	184.0	0.7	0.13	2.08	41.25	**71.48**
1445	125	787	slu	Max	1.38	11.17	0.41	0.36	2.06	1.04	11.2	2.1	0.23	6.13	2.51	**7.70**
1445	125	819	slu	Min	-1.38	-11.17	0.61	0.03	-2.06	-1.08	11.2	2.1	0.23	6.04	2.51	**7.63**
1445	125	787	slu	Min	-0.79	-183.96	0.21	0.08	0.10	-0.50	184.0	0.1	0.13	0.38	41.25	**71.45**
1446	126	787	s	Max	1.81	25.82	3.27	3.02	3.06	1.65	26.0	4.3	0.30	12.63	5.84	**16.41**
1446	126	782	s	Max	1.92	52.43	2.50	2.79	2.51	2.21	52.5	3.8	0.32	11.03	11.77	**23.33**
1446	126	787	s	Min	-1.92	-52.43	-1.59	-1.73	-2.51	-1.67	52.4	3.0	0.32	8.95	11.76	**22.38**
1446	126	782	s	Min	-1.81	-25.82	-2.35	-2.57	-3.06	-1.98	25.9	4.0	0.30	11.72	5.81	**15.69**
1446	126	787	slu	Max	1.41	186.18	1.40	1.07	0.95	-0.04	186.2	1.4	0.24	4.20	41.75	**72.44**
1446	126	782	slu	Max	0.29	21.11	1.29	1.16	1.80	0.65	21.1	2.1	0.05	6.28	4.74	**10.37**
1446	126	787	slu	Min	-0.29	-21.11	-0.37	-1.47	-1.80	-1.52	21.1	2.3	0.05	6.82	4.73	**10.69**
1446	126	782	slu	Min	-1.41	-186.18	-0.21	-0.20	-0.95	-1.31	186.2	1.0	0.24	2.84	41.75	**72.37**
1447	127	822	s	Max	10.15	1.41	3.45	1.32	4.39	1.89	3.7	4.6	1.71	13.47	0.84	**15.25**
1447	127	787	s	Max	7.41	1.75	18.40	1.87	12.54	3.09	18.5	12.7	1.25	37.22	4.14	**39.13**
1447	127	822	s	Min	-7.41	-1.75	-17.63	-1.13	-4.15	-3.09	17.7	4.3	1.25	12.62	3.97	**15.48**

1447	127	787	s	Min	-10.15	-1.41	-2.68	-1.51	-8.23	-1.89	3.0	8.4	1.71	24.56	0.68	**26.30**
1447	127	822	slu	Max	5.33	-0.18	-9.78	0.85	2.18	1.15	9.8	2.3	0.90	6.86	2.19	**8.64**
1447	127	787	slu	Max	-0.37	0.88	22.65	0.63	6.71	1.95	22.7	6.7	0.06	19.79	5.08	**21.72**
1447	127	822	slu	Min	0.37	-0.88	-21.65	0.10	-0.47	-1.95	21.7	0.5	0.06	1.41	4.86	**8.54**
1447	127	787	slu	Min	-5.33	0.18	10.55	-0.24	1.09	-1.15	10.6	1.1	0.90	3.27	2.37	**5.84**
1448	128	797	s	Max	23.17	3.76	4.01	0.50	2.10	1.51	5.5	2.2	3.90	6.34	1.23	**10.45**
1448	128	782	s	Max	15.49	2.76	10.49	2.92	17.74	2.10	10.8	18.0	2.61	52.77	2.43	**55.54**
1448	128	797	s	Min	-15.49	-2.76	-10.11	-1.30	-3.47	-2.10	10.5	3.7	2.61	10.88	2.35	**14.09**
1448	128	782	s	Min	-23.17	-3.76	-3.62	-2.96	-9.97	-1.51	5.2	10.4	3.90	30.54	1.17	**34.49**
1448	128	797	slu	Max	14.80	0.90	-0.66	1.63	1.43	1.20	1.1	2.2	2.49	6.35	0.25	**8.85**
1448	128	782	slu	Max	-6.03	1.92	4.55	1.04	11.68	0.65	4.9	11.7	1.01	34.42	1.11	**35.48**
1448	128	797	slu	Min	6.03	-1.92	-4.05	-0.70	-1.02	-0.65	4.5	1.2	1.01	3.63	1.00	**4.96**
1448	128	782	slu	Min	-14.80	-0.90	1.04	-0.05	4.54	-1.20	1.4	4.5	2.49	13.32	0.31	**15.82**
1449	129	823	s	Max	9.92	67.57	27.66	1.29	2.58	20.68	73.0	2.9	1.67	8.47	16.37	**30.11**
1449	129	822	s	Max	18.32	27.13	11.51	0.79	6.17	15.97	29.5	6.2	3.08	18.25	6.61	**24.21**
1449	129	823	s	Min	-18.32	-27.13	-10.52	-1.49	-4.53	-11.07	29.1	4.8	3.08	14.00	6.52	**20.48**
1449	129	822	s	Min	-9.92	-67.57	-26.67	-1.98	-11.22	-8.78	72.6	11.4	1.67	33.46	16.29	**45.06**
1449	129	823	slu	Max	3.39	40.27	16.39	-0.13	0.42	16.23	43.5	0.4	0.57	1.30	9.75	**16.99**
1449	129	822	slu	Max	14.32	8.97	3.96	0.69	2.41	12.41	9.8	2.5	2.41	7.36	2.20	**10.48**
1449	129	823	slu	Min	-14.32	-8.97	-2.96	-1.09	-3.54	-4.03	9.4	3.7	2.41	10.87	2.12	**13.77**
1449	129	822	slu	Min	-3.39	-40.27	-15.09	-0.99	-8.40	-2.75	43.0	8.5	0.57	24.82	9.64	**30.39**
1450	130	822	s	Max	3.05	67.43	27.48	1.32	2.76	2.50	72.8	3.1	0.51	8.97	16.33	**29.83**
1450	130	797	s	Max	2.72	39.01	15.81	1.75	3.10	3.91	42.1	3.6	0.46	10.44	9.44	**19.64**
1450	130	822	s	Min	-2.72	-39.01	-14.81	-0.86	-1.86	-3.88	41.7	2.0	0.46	6.01	9.36	**17.45**
1450	130	797	s	Min	-3.05	-67.43	-26.48	-2.54	-3.73	-3.18	72.4	4.5	0.51	13.24	16.24	**31.31**
1450	130	822	slu	Max	2.45	22.15	9.88	0.45	1.67	-1.12	24.3	1.7	0.41	5.09	5.44	**10.91**
1450	130	797	slu	Max	-0.03	21.83	8.58	1.59	2.80	1.30	23.5	3.2	0.01	9.44	5.26	**13.12**
1450	130	822	slu	Min	0.03	-21.83	-7.58	0.07	-0.75	-2.73	23.1	0.8	0.01	2.21	5.18	**9.25**
1450	130	797	slu	Min	-2.45	-22.15	-8.58	-0.44	-1.07	-3.07	23.8	1.2	0.41	3.41	5.33	**9.98**
1451	131	824	s	Max	27.64	11.98	5.56	1.98	3.40	1.18	13.2	3.9	4.65	11.55	2.96	**16.99**
1451	131	810	s	Max	37.39	5.50	11.87	1.27	12.46	1.56	13.1	12.5	6.29	36.78	2.93	**43.37**
1451	131	824	s	Min	-37.39	-5.50	-11.63	-3.72	-6.03	-1.56	12.9	7.1	6.29	20.81	2.88	**27.55**
1451	131	810	s	Min	-27.64	-11.98	-5.33	-2.90	-14.90	-1.18	13.1	15.2	4.65	44.57	2.94	**49.48**

1451	131	824	slu	Max	18.75	6.59	-2.73	1.96	1.00	0.81	7.1	2.2	3.15	6.47	1.60	**10.01**
1451	131	810	slu	Max	10.17	5.13	4.46	0.71	8.75	0.28	6.8	8.8	1.71	25.77	1.52	**27.61**
1451	131	824	slu	Min	-10.17	-5.13	-4.14	-1.66	-2.19	-0.28	6.6	2.7	1.71	8.06	1.48	**10.10**
1451	131	810	slu	Min	-18.75	-6.59	2.97	-1.77	-3.10	-0.81	7.2	3.6	3.15	10.47	1.62	**13.91**
1452	132	825	s	Max	1.65	210.69	53.33	1.53	1.35	1.89	217.3	2.0	0.28	6.00	48.73	**84.64**
1452	132	824	s	Max	1.63	143.89	35.71	4.13	0.92	1.78	148.3	4.2	0.27	12.43	33.24	**58.96**
1452	132	825	s	Min	-1.63	-143.89	-34.76	-0.34	-1.20	-2.17	148.0	1.2	0.27	3.65	33.19	**57.62**
1452	132	824	s	Min	-1.65	-210.69	-52.38	-4.82	-1.07	-1.54	217.1	4.9	0.28	14.50	48.68	**85.60**
1452	132	825	slu	Max	0.29	69.89	19.96	1.29	0.34	-0.36	72.7	1.3	0.05	3.92	16.30	**28.51**
1452	132	824	slu	Max	0.12	10.95	2.44	2.01	0.32	0.67	11.2	2.0	0.02	5.98	2.52	**7.41**
1452	132	825	slu	Min	-0.12	-10.95	-1.20	-0.99	-0.16	-0.82	11.0	1.0	0.02	2.94	2.47	**5.20**
1452	132	824	slu	Min	-0.29	-69.89	-18.72	-0.44	-0.36	-0.20	72.4	0.6	0.05	1.67	16.22	**28.15**
1453	133	824	s	Max	2.79	199.29	56.27	7.92	2.49	3.00	207.1	8.3	0.47	24.37	46.43	**84.17**
1453	133	808	s	Max	3.06	138.92	38.51	2.24	3.94	3.14	144.2	4.5	0.52	13.31	32.32	**57.67**
1453	133	824	s	Min	-3.06	-138.92	-37.56	-4.78	-2.50	-2.70	143.9	5.4	0.52	15.83	32.27	**58.23**
1453	133	808	s	Min	-2.79	-199.29	-55.32	-1.25	-4.08	-2.91	206.8	4.3	0.47	12.52	46.37	**81.37**
1453	133	824	slu	Max	1.25	66.27	19.00	2.35	-0.08	0.18	68.9	2.3	0.21	6.90	15.46	**27.70**
1453	133	808	slu	Max	0.14	7.68	3.20	1.53	2.16	0.10	8.3	2.7	0.02	7.78	1.86	**8.45**
1453	133	824	slu	Min	-0.14	-7.68	-1.96	-2.17	-1.51	-1.07	7.9	2.6	0.02	7.76	1.78	**8.37**
1453	133	808	slu	Min	-1.25	-66.27	-17.77	-0.43	0.01	-1.42	68.6	0.4	0.21	1.27	15.38	**26.69**
1454	134	794	s	Max	48.45	2.07	63.80	0.97	3.52	5.51	63.8	3.6	8.15	10.71	14.31	**31.15**
1454	134	787	s	Max	170.94	1.82	18.69	3.46	2.08	4.17	18.8	4.0	28.75	11.86	4.21	**41.25**
1454	134	794	s	Min	-170.94	-1.82	-16.09	-1.25	-0.97	-6.00	16.2	1.6	28.75	4.63	3.63	**33.97**
1454	134	787	s	Min	-48.45	-2.07	-61.20	-3.67	-6.05	-5.01	61.2	7.1	8.15	20.77	13.73	**37.44**
1454	134	794	slu	Max	9.35	0.24	71.08	-0.08	1.58	2.84	71.1	1.6	1.57	4.66	15.94	**28.30**
1454	134	787	slu	Max	189.24	1.07	4.98	2.58	-1.43	2.85	5.1	2.9	31.82	8.65	1.14	**40.52**
1454	134	794	slu	Min	-189.24	-1.07	-2.38	-0.47	0.28	-0.47	2.6	0.5	31.82	1.61	0.59	**33.45**
1454	134	787	slu	Min	-9.35	-0.24	-67.69	-0.21	-5.24	-0.81	67.7	5.2	1.57	15.38	15.18	**31.28**
1455	135	822	s	Max	16.90	1.88	6.71	1.21	3.59	4.20	7.0	3.8	2.84	11.13	1.56	**14.23**
1455	135	813	s	Max	30.01	1.32	4.03	2.64	4.45	3.67	4.2	5.2	5.05	15.19	0.95	**20.31**
1455	135	822	s	Min	-30.01	-1.32	-1.25	-1.37	-0.52	-6.27	1.8	1.5	5.05	4.30	0.41	**9.37**
1455	135	813	s	Min	-16.90	-1.88	-3.92	-3.07	-5.14	-4.94	4.3	6.0	2.84	17.56	0.97	**20.47**
1455	135	822	slu	Max	-1.11	0.89	6.47	-0.13	2.47	4.06	6.5	2.5	0.19	7.25	1.46	**7.86**

1455	135	813	slu	Max	23.14	1.34	1.82	2.79	1.37	3.91	2.3	3.1	3.89	9.11	0.51	**13.03**
1455	135	822	slu	Min	-23.14	-1.34	0.97	-1.40	-0.51	-3.30	1.6	1.5	3.89	4.38	0.37	**8.29**
1455	135	813	slu	Min	1.11	-0.89	-2.85	-0.68	-3.19	-2.04	3.0	3.3	0.19	9.57	0.67	**9.83**
1456	136	797	s	Max	16.00	0.76	3.64	2.31	4.65	1.76	3.7	5.2	2.69	15.25	0.83	**18.00**
1456	136	810	s	Max	22.92	0.62	3.06	2.17	8.14	1.94	3.1	8.4	3.85	24.74	0.70	**28.62**
1456	136	797	s	Min	-22.92	-0.62	-0.32	-2.05	-2.13	-2.24	0.7	3.0	3.85	8.66	0.16	**12.52**
1456	136	810	s	Min	-16.00	-0.76	-0.90	-2.46	-8.64	-2.28	1.2	9.0	2.69	26.38	0.26	**29.08**
1456	136	797	slu	Max	-5.18	0.10	2.67	0.26	1.94	2.47	2.7	2.0	0.87	5.75	0.60	**6.70**
1456	136	810	slu	Max	14.33	0.85	2.72	2.16	1.27	2.60	2.8	2.5	2.41	7.36	0.64	**9.83**
1456	136	797	slu	Min	-14.33	-0.85	0.02	-1.99	-2.77	-0.36	0.8	3.4	2.41	10.01	0.19	**12.42**
1456	136	810	slu	Min	5.18	-0.10	0.71	-0.28	-6.51	-0.25	0.7	6.5	0.87	19.12	0.16	**20.00**
1457	137	823	s	Max	2.02	29.12	37.55	1.09	1.52	3.22	47.5	1.9	0.34	5.48	10.65	**19.35**
1457	137	787	s	Max	3.38	37.35	48.00	0.82	4.02	3.65	60.8	4.1	0.57	12.04	13.64	**26.77**
1457	137	823	s	Min	-3.38	-37.35	-46.53	-0.70	-2.92	-1.77	59.7	3.0	0.57	8.82	13.38	**25.00**
1457	137	787	s	Min	-2.02	-29.12	-36.08	-1.55	-6.03	-2.38	46.4	6.2	0.34	18.26	10.40	**25.89**
1457	137	823	slu	Max	1.38	9.78	12.28	0.18	0.51	2.69	15.7	0.5	0.23	1.59	3.52	**6.36**
1457	137	787	slu	Max	2.63	7.21	10.72	-0.52	2.93	2.56	12.9	3.0	0.44	8.73	2.90	**10.45**
1457	137	823	slu	Min	-2.63	-7.21	-8.80	-0.61	-2.38	-1.01	11.4	2.5	0.44	7.20	2.55	**8.83**
1457	137	787	slu	Min	-1.38	-9.78	-10.81	-0.94	-4.19	-1.74	14.6	4.3	0.23	12.60	3.27	**14.03**
1458	138	822	s	Max	3.70	28.51	24.68	0.77	3.08	2.87	37.7	3.2	0.62	9.32	8.46	**17.70**
1458	138	782	s	Max	2.06	16.71	14.67	1.25	5.13	2.69	22.2	5.3	0.35	15.51	4.99	**18.05**
1458	138	822	s	Min	-2.06	-16.71	-13.47	-0.07	-2.24	-5.42	21.5	2.2	0.35	6.58	4.81	**10.84**
1458	138	782	s	Min	-3.70	-28.51	-23.48	-1.58	-3.24	-3.42	36.9	3.6	0.62	10.58	8.28	**18.20**
1458	138	822	slu	Max	2.76	27.46	23.99	0.58	2.08	-0.62	36.5	2.2	0.46	6.34	8.17	**15.71**
1458	138	782	slu	Max	-1.49	-12.65	-10.01	0.43	3.48	-0.61	16.1	3.5	0.25	10.30	3.62	**12.27**
1458	138	822	slu	Min	1.49	12.65	11.56	-0.30	-0.68	-4.42	17.1	0.7	0.25	2.19	3.84	**7.09**
1458	138	782	slu	Min	-2.76	-27.46	-22.43	-0.09	1.53	-2.74	35.5	1.5	0.46	4.50	7.95	**14.64**
1459	139	825	s	Max	1.29	70.63	36.67	1.56	1.06	1.93	79.6	1.9	0.22	5.55	17.84	**31.44**
1459	139	810	s	Max	1.65	26.11	13.36	2.92	1.57	1.99	29.3	3.3	0.28	9.75	6.58	**15.17**
1459	139	825	s	Min	-1.65	-26.11	-12.32	-0.50	-1.10	-1.91	28.9	1.2	0.28	3.56	6.47	**11.85**
1459	139	810	s	Min	-1.29	-70.63	-35.63	-3.67	-1.90	-1.28	79.1	4.1	0.22	12.14	17.74	**33.11**
1459	139	825	slu	Max	1.57	92.43	49.24	1.03	0.33	0.00	104.7	1.1	0.26	3.17	23.48	**40.82**
1459	139	810	slu	Max	0.32	-10.03	-3.62	1.16	1.80	0.95	10.7	2.1	0.05	6.27	2.39	**7.56**

1459	139	825	slu	Min	-0.32	10.03	4.66	-1.15	-0.17	-1.32	11.1	1.2	0.05	3.42	2.48	**5.53**
1459	139	810	slu	Min	-1.57	-92.43	-47.89	-1.00	-0.50	-1.81	104.1	1.1	0.26	3.29	23.34	**40.58**
1460	140	824	s	Max	41.41	0.34	4.89	1.42	4.33	0.91	4.9	4.6	6.96	13.37	1.10	**20.42**
1460	140	826	s	Max	31.37	0.39	3.39	2.08	8.67	1.25	3.4	8.9	5.27	26.18	0.76	**31.48**
1460	140	824	s	Min	-31.37	-0.39	-0.85	-2.13	-1.54	-1.09	0.9	2.6	5.27	7.72	0.21	**13.00**
1460	140	826	s	Min	-41.41	-0.34	-2.35	-1.38	-5.31	-0.83	2.4	5.5	6.96	16.10	0.53	**23.09**
1460	140	824	slu	Max	10.44	-0.07	3.86	-0.39	2.30	0.46	3.9	2.3	1.76	6.85	0.87	**8.73**
1460	140	826	slu	Max	19.70	0.21	2.08	1.30	8.42	0.92	2.1	8.5	3.31	25.00	0.47	**28.33**
1460	140	824	slu	Min	-19.70	-0.21	0.46	-1.33	0.20	-0.11	0.5	1.3	3.31	3.96	0.11	**7.27**
1460	140	826	slu	Min	-10.44	0.07	-0.57	0.35	-0.53	0.46	0.6	0.6	1.76	1.86	0.13	**3.62**
1461	141	799	s	Max	176.75	65.18	12.31	2.37	2.67	1.89	66.3	3.6	29.72	10.48	14.87	**47.75**
1461	141	819	s	Max	111.74	41.23	8.76	3.03	3.71	1.97	42.1	4.8	18.79	14.08	9.45	**36.72**
1461	141	799	s	Min	-111.74	-41.23	-7.46	-2.16	-3.03	-1.21	41.9	3.7	18.79	10.93	9.39	**33.88**
1461	141	819	s	Min	-176.75	-65.18	-11.00	-1.75	-7.60	-1.23	66.1	7.8	29.72	22.90	14.82	**58.55**
1461	141	799	slu	Max	65.66	24.19	4.93	0.11	0.89	1.43	24.7	0.9	11.04	2.62	5.54	**16.69**
1461	141	819	slu	Max	83.83	31.91	8.33	2.25	-2.43	1.48	33.0	3.3	14.10	9.73	7.40	**27.05**
1461	141	799	slu	Min	-83.83	-31.91	-7.02	-1.28	0.00	0.42	32.7	1.3	14.10	3.76	7.33	**21.91**
1461	141	819	slu	Min	-65.66	-24.19	-3.23	0.68	-4.59	0.46	24.4	4.6	11.04	13.62	5.47	**26.42**
1462	142	799	s	Max	109.57	33.41	7.56	1.96	2.20	0.66	34.3	2.9	18.43	8.64	7.68	**30.16**
1462	142	787	s	Max	89.62	40.87	7.30	1.61	3.27	0.93	41.5	3.6	15.07	10.69	9.31	**30.39**
1462	142	799	s	Min	-89.62	-40.87	-5.99	-2.49	-2.42	-0.57	41.3	3.5	15.07	10.19	9.26	**29.92**
1462	142	787	s	Min	-109.57	-33.41	-6.26	-2.38	-6.53	-1.16	34.0	6.9	18.43	20.40	7.62	**41.01**
1462	142	799	slu	Max	22.67	15.01	1.65	-0.40	0.63	0.08	15.1	0.7	3.81	2.20	3.39	**8.40**
1462	142	787	slu	Max	38.88	8.48	4.89	1.44	0.17	0.31	9.8	1.4	6.54	4.24	2.20	**11.43**
1462	142	799	slu	Min	-38.88	-8.48	-3.19	-1.78	-1.06	-0.41	9.1	2.1	6.54	6.09	2.03	**13.11**
1462	142	787	slu	Min	-22.67	-15.01	0.05	-0.63	-4.42	-0.87	15.0	4.5	3.81	13.12	3.37	**17.91**
1463	143	819	s	Max	35.95	31.33	5.27	3.45	5.56	1.02	31.8	6.5	6.04	19.21	7.12	**28.11**
1463	143	827	s	Max	94.82	11.80	9.50	2.54	3.26	1.07	15.1	4.1	15.95	12.13	3.40	**28.68**
1463	143	819	s	Min	-94.82	-11.80	-8.05	-2.03	-1.18	-0.67	14.3	2.3	15.95	6.89	3.20	**23.50**
1463	143	827	s	Min	-35.95	-31.33	-3.82	-2.04	-1.71	-0.83	31.6	2.7	6.04	7.81	7.08	**18.50**
1463	143	819	slu	Max	-43.89	45.81	-2.97	1.25	3.95	0.28	45.9	4.1	7.38	12.15	10.29	**26.44**
1463	143	827	slu	Max	136.52	-15.03	13.61	2.80	2.19	0.18	20.3	3.6	22.96	10.45	4.55	**34.32**
1463	143	819	slu	Min	-136.52	15.03	-11.72	-1.77	0.60	-0.64	19.1	1.9	22.96	5.48	4.27	**29.38**

1463	143	827	slu	Min	43.89	-45.81	4.42	0.33	1.00	-0.32	46.0	1.1	7.38	3.08	10.32	**20.71**
1464	144	787	s	Max	159.22	53.91	19.50	1.70	6.37	0.56	57.3	6.6	26.78	19.34	12.86	**51.21**
1464	144	827	s	Max	152.44	51.24	16.41	2.63	4.29	0.51	53.8	5.0	25.64	14.77	12.06	**45.49**
1464	144	787	s	Min	-152.44	-51.24	-14.96	-3.00	-1.24	-1.27	53.4	3.2	25.64	9.54	11.97	**40.83**
1464	144	827	s	Min	-159.22	-53.91	-18.05	-3.57	-2.32	-1.01	56.9	4.3	26.78	12.51	12.75	**45.07**
1464	144	787	slu	Max	11.15	4.09	3.88	-0.77	4.66	0.50	5.6	4.7	1.87	13.86	1.26	**15.88**
1464	144	827	slu	Max	121.84	41.14	13.09	2.14	1.77	0.46	43.2	2.8	20.49	8.15	9.68	**33.19**
1464	144	787	slu	Min	-121.84	-41.14	-11.64	-2.73	1.99	-0.73	42.8	3.4	20.49	9.93	9.59	**34.66**
1464	144	827	slu	Min	-11.15	-4.09	-1.99	-1.04	-0.52	-0.42	4.5	1.2	1.87	3.41	1.02	**5.58**
1465	145	827	s	Max	161.41	53.60	17.38	2.61	3.26	0.85	56.3	4.2	27.14	12.24	12.63	**45.06**
1465	145	821	s	Max	154.16	51.10	17.77	1.85	0.95	0.94	54.1	2.1	25.92	6.11	12.13	**38.32**
1465	145	827	s	Min	-154.16	-51.10	-16.32	-2.34	-5.59	-0.98	53.6	6.1	25.92	17.78	12.03	**48.42**
1465	145	821	s	Min	-161.41	-53.60	-15.92	-0.94	-2.09	-1.00	55.9	2.3	27.14	6.72	12.54	**40.23**
1465	145	827	slu	Max	11.60	3.95	1.48	0.27	1.31	0.28	4.2	1.3	1.95	3.93	0.95	**6.11**
1465	145	821	slu	Max	121.33	40.93	13.14	1.60	0.86	0.70	43.0	1.8	20.40	5.32	9.64	**30.67**
1465	145	827	slu	Min	-121.33	-40.93	-11.69	-2.08	-2.24	-0.13	42.6	3.1	20.40	8.96	9.54	**33.70**
1465	145	821	slu	Min	-11.60	-3.95	0.41	0.21	-0.28	-0.05	4.0	0.4	1.95	1.03	0.89	**3.36**
1466	146	827	s	Max	32.01	30.94	4.87	2.86	2.51	1.10	31.3	3.8	5.38	11.17	7.02	**20.54**
1466	146	813	s	Max	91.35	11.23	11.42	0.97	4.35	1.17	16.0	4.5	15.36	13.08	3.59	**29.11**
1466	146	827	s	Min	-91.35	-11.23	-9.97	-2.69	-3.69	-0.71	15.0	4.6	15.36	13.40	3.37	**29.35**
1466	146	813	s	Min	-32.01	-30.94	-3.41	-1.48	-4.03	-1.03	31.1	4.3	5.38	12.62	6.98	**21.68**
1466	146	827	slu	Max	-44.39	46.02	-4.55	0.46	-0.67	0.37	46.2	0.8	7.47	2.39	10.37	**20.48**
1466	146	813	slu	Max	137.60	-14.82	14.88	0.98	2.55	0.44	21.0	2.7	23.14	8.02	4.71	**32.21**
1466	146	827	slu	Min	-137.60	14.82	-12.99	-2.87	-2.99	-0.26	19.7	4.1	23.14	12.15	4.42	**36.11**
1466	146	813	slu	Min	44.39	-46.02	6.44	-0.22	-2.60	-0.13	46.5	2.6	7.47	7.65	10.42	**23.54**
1473	153	833	s	Max	41.11	0.64	12.27	3.20	7.61	2.89	12.3	8.3	6.91	24.24	2.75	**31.52**
1473	153	806	s	Max	13.20	0.30	5.44	3.74	9.72	1.50	5.5	10.4	2.22	30.57	1.22	**32.86**
1473	153	833	s	Min	-13.20	-0.30	-2.33	-4.40	-12.43	-1.34	2.3	13.2	2.22	38.70	0.53	**40.93**
1473	153	806	s	Min	-41.11	-0.64	-9.15	-3.01	-11.47	-0.84	9.2	11.9	6.91	34.82	2.06	**41.88**
1473	153	833	slu	Max	86.55	0.48	21.61	-1.53	-2.33	2.13	21.6	2.8	14.56	8.18	4.85	**24.23**
1473	153	806	slu	Max	-22.47	0.11	-3.64	2.98	3.78	1.04	3.6	4.8	3.78	14.12	0.82	**17.95**
1473	153	833	slu	Min	22.47	-0.11	7.69	-3.64	-5.35	-0.63	7.7	6.5	3.78	18.99	1.72	**22.96**
1473	153	806	slu	Min	-86.55	-0.48	-17.56	1.13	-4.72	-0.07	17.6	4.9	14.56	14.26	3.94	**29.61**

1475	155	826	s	Max	104.60	0.14	16.08	2.09	6.73	0.55	16.1	7.0	17.59	20.68	3.61	**38.78**
1475	155	811	s	Max	32.36	0.14	6.15	1.39	3.40	0.33	6.1	3.7	5.44	10.78	1.38	**16.40**
1475	155	826	s	Min	-32.36	-0.14	-4.29	-1.41	-4.37	-0.27	4.3	4.6	5.44	13.48	0.96	**19.00**
1475	155	811	s	Min	-104.60	-0.14	-14.23	-2.08	-6.47	-0.62	14.2	6.8	17.59	19.96	3.19	**37.96**
1475	155	826	slu	Max	153.44	0.18	23.84	1.24	2.84	0.82	23.8	3.1	25.80	9.11	5.35	**36.12**
1475	155	811	slu	Max	-59.86	0.00	-6.35	-0.44	1.70	0.17	6.3	1.8	10.07	5.15	1.42	**15.41**
1475	155	826	slu	Min	59.86	0.00	8.20	0.35	0.71	0.27	8.2	0.8	10.07	2.32	1.84	**12.78**
1475	155	811	slu	Min	-153.44	-0.18	-21.43	-1.31	-10.50	-0.34	21.4	10.6	25.80	31.08	4.80	**57.49**
1476	156	834	s	Max	164.10	0.52	39.05	3.49	12.55	2.97	39.1	13.0	27.60	38.25	8.76	**67.57**
1476	156	826	s	Max	38.92	0.62	10.53	3.45	8.97	0.81	10.5	9.6	6.54	28.22	2.37	**35.00**
1476	156	834	s	Min	-38.92	-0.62	-7.41	-2.98	-22.16	-3.46	7.4	22.4	6.54	65.65	1.67	**72.25**
1476	156	826	s	Min	-164.10	-0.52	-35.93	-3.83	-14.93	-0.99	35.9	15.4	27.60	45.26	8.06	**74.18**
1476	156	834	slu	Max	261.60	0.03	60.66	0.32	-7.91	-0.28	60.7	7.9	43.99	23.25	13.60	**71.25**
1476	156	826	slu	Max	-107.86	0.23	-22.37	2.40	-1.22	0.48	22.4	2.7	18.14	7.91	5.02	**27.46**
1476	156	834	slu	Min	107.86	-0.23	25.48	-2.45	-13.64	-1.29	25.5	13.9	18.14	40.68	5.71	**59.65**
1476	156	826	slu	Min	-261.60	-0.03	-56.61	-0.21	-12.71	-0.25	56.6	12.7	43.99	37.31	12.69	**84.22**
1477	157	835	s	Max	90.93	2.00	10.43	1.47	4.49	1.29	10.6	4.7	15.29	13.87	2.38	**29.46**
1477	157	813	s	Max	1.42	4.05	4.57	1.50	8.41	1.75	6.1	8.5	0.24	25.09	1.37	**25.44**
1477	157	835	s	Min	-1.42	-4.05	-3.87	-1.10	-1.87	-2.51	5.6	2.2	0.24	6.37	1.26	**6.95**
1477	157	813	s	Min	-90.93	-2.00	-9.73	-1.49	-2.86	-3.62	9.9	3.2	15.29	9.47	2.23	**25.06**
1477	157	835	slu	Max	183.03	-0.45	10.47	0.80	9.59	-0.01	10.5	9.6	30.78	28.24	2.35	**59.16**
1477	157	813	slu	Max	-63.53	4.75	-1.92	0.12	17.04	-0.68	5.1	17.0	10.68	50.02	1.15	**60.74**
1477	157	835	slu	Min	63.53	-4.75	2.83	0.17	-1.59	-2.92	5.5	1.6	10.68	4.69	1.24	**15.52**
1477	157	813	slu	Min	-183.03	0.45	-9.77	-0.08	-1.59	-4.25	9.8	1.6	30.78	4.69	2.19	**35.67**
1478	158	836	s	Max	88.68	0.49	13.56	1.31	4.50	1.40	13.6	4.7	14.91	13.75	3.04	**29.14**
1478	158	835	s	Max	-2.51	0.64	0.98	1.28	1.87	0.59	1.2	2.3	0.42	6.65	0.26	**7.09**
1478	158	836	s	Min	2.51	-0.64	0.87	-1.05	-2.95	-1.76	1.1	3.1	0.42	9.19	0.24	**9.62**
1478	158	835	s	Min	-88.68	-0.49	-11.71	-1.45	-4.49	-0.83	11.7	4.7	14.91	13.85	2.63	**29.12**
1478	158	836	slu	Max	186.03	0.18	28.19	0.45	2.56	0.44	28.2	2.6	31.28	7.62	6.32	**40.42**
1478	158	835	slu	Max	-69.64	0.17	-7.44	-0.19	1.59	0.29	7.4	1.6	11.71	4.69	1.67	**16.66**
1478	158	836	slu	Min	69.64	-0.17	9.29	0.10	0.80	-0.46	9.3	0.8	11.71	2.36	2.08	**14.53**
1478	158	835	slu	Min	-186.03	-0.18	-25.78	-0.37	-9.59	-0.24	25.8	9.6	31.28	28.17	5.78	**60.29**
1479	159	837	s	Max	163.64	1.36	15.10	0.90	2.86	1.37	15.2	3.0	27.52	8.79	3.40	**36.79**

1479	159	821	s	Max	17.94	1.36	1.68	1.06	7.26	0.71	2.2	7.3	3.02	21.53	0.49	**24.56**
1479	159	837	s	Min	-17.94	-1.36	-0.98	-0.90	-0.33	-1.37	1.7	1.0	3.02	2.82	0.38	**5.87**
1479	159	821	s	Min	-163.64	-1.36	-14.40	-1.06	-2.32	-0.71	14.5	2.6	27.52	7.50	3.24	**35.46**
1479	159	837	slu	Max	280.11	0.96	18.75	0.00	9.17	0.91	18.8	9.2	47.11	26.93	4.21	**74.40**
1479	159	821	slu	Max	-125.81	0.00	-9.42	0.00	16.46	0.54	9.4	16.5	21.16	48.32	2.11	**69.57**
1479	159	837	slu	Min	125.81	0.00	10.33	-0.16	3.09	0.00	10.3	3.1	21.16	9.08	2.32	**30.50**
1479	159	821	slu	Min	-280.11	-0.96	-17.85	-0.02	5.47	0.00	17.9	5.5	47.11	16.06	4.01	**63.55**
1480	160	838	s	Max	103.74	0.15	14.87	1.01	3.86	0.24	14.9	4.0	17.45	11.71	3.33	**29.72**
1480	160	837	s	Max	-5.10	0.15	-0.12	1.05	0.33	0.39	0.2	1.1	0.86	3.22	0.04	**4.08**
1480	160	838	s	Min	5.10	-0.15	1.98	-1.01	-2.54	-0.24	2.0	2.7	0.86	8.02	0.44	**8.91**
1480	160	837	s	Min	-103.74	-0.15	-13.02	-1.05	-2.86	-0.39	13.0	3.0	17.45	8.93	2.92	**26.86**
1480	160	838	slu	Max	215.08	0.16	32.02	0.00	2.08	0.45	32.0	2.1	36.17	6.09	7.18	**44.05**
1480	160	837	slu	Max	-102.20	0.00	-13.34	0.02	-3.09	0.16	13.3	3.1	17.19	9.06	2.99	**26.76**
1480	160	838	slu	Min	102.20	0.00	15.75	-0.10	0.72	0.00	15.8	0.7	17.19	2.14	3.53	**20.27**
1480	160	837	slu	Min	-215.08	-0.16	-29.61	0.00	-9.17	0.00	29.6	9.2	36.17	26.93	6.64	**64.14**
1481	161	839	s	Max	199.63	0.05	40.86	3.03	20.67	1.00	40.9	20.9	33.57	61.35	9.16	**96.24**
1481	161	838	s	Max	61.22	0.05	10.32	3.10	4.34	0.70	10.3	5.3	10.29	15.65	2.31	**26.26**
1481	161	839	s	Min	-61.22	-0.05	-7.21	-3.04	-27.10	-1.00	7.2	27.3	10.29	80.07	1.62	**90.41**
1481	161	838	s	Min	-199.63	-0.05	-37.75	-3.10	-8.53	-0.70	37.7	9.1	33.57	26.64	8.46	**61.97**
1481	161	839	slu	Max	267.32	0.00	61.02	0.01	-5.41	0.00	61.0	5.4	44.96	15.87	13.68	**65.28**
1481	161	838	slu	Max	-117.89	0.08	-25.42	1.84	-5.19	0.11	25.4	5.5	19.83	16.15	5.70	**37.31**
1481	161	839	slu	Min	117.89	-0.08	28.54	-1.73	-11.89	-0.63	28.5	12.0	19.83	35.28	6.40	**56.21**
1481	161	838	slu	Min	-267.32	0.00	-56.97	-0.01	-11.42	0.00	57.0	11.4	44.96	33.53	12.77	**81.55**
1482	162	821	s	Max	1.78	63.33	4.82	5.75	0.63	4.08	63.5	5.8	0.30	16.98	14.24	**30.11**
1482	162	813	s	Max	3.23	187.98	2.84	3.17	0.82	2.39	188.0	3.3	0.54	9.62	42.15	**73.72**
1482	162	821	s	Min	-3.23	-187.98	-1.92	-2.69	-0.82	-2.32	188.0	2.8	0.54	8.27	42.15	**73.54**
1482	162	813	s	Min	-1.78	-63.33	-3.90	-2.26	-0.63	-1.25	63.4	2.3	0.30	6.89	14.23	**25.67**
1482	162	821	slu	Max	0.77	147.33	3.20	3.44	-0.10	2.82	147.4	3.4	0.13	10.11	33.04	**58.14**
1482	162	813	slu	Max	2.35	116.23	2.46	1.77	0.74	1.88	116.3	1.9	0.39	5.62	26.07	**45.55**
1482	162	821	slu	Min	-2.35	-116.23	-1.54	-2.47	-0.74	-0.88	116.2	2.6	0.39	7.58	26.06	**45.84**
1482	162	813	slu	Min	-0.77	-147.33	-2.01	-1.52	0.10	-0.65	147.3	1.5	0.13	4.47	33.04	**57.41**
1483	163	825	s	Max	9.03	3.93	7.57	0.71	1.99	1.44	8.5	2.1	1.52	6.20	1.91	**8.40**
1483	163	813	s	Max	15.55	2.33	25.33	2.03	7.61	1.93	25.4	7.9	2.62	23.14	5.70	**27.58**

1483	163	825	s	Min	-15.55	-2.33	-24.85	-1.90	-5.05	-1.93	25.0	5.4	2.62	15.85	5.60	**20.85**
1483	163	813	s	Min	-9.03	-3.93	-7.09	-2.50	-11.34	-1.44	8.1	11.6	1.52	34.08	1.82	**35.74**
1483	163	825	slu	Max	0.84	2.54	-5.12	2.07	-0.77	0.52	5.7	2.2	0.14	6.50	1.28	**7.00**
1483	163	813	slu	Max	8.49	2.63	30.31	0.67	1.65	0.79	30.4	1.8	1.43	5.22	6.82	**13.56**
1483	163	825	slu	Min	-8.49	-2.63	-29.69	-1.58	-3.41	-0.79	29.8	3.8	1.43	11.05	6.68	**17.02**
1483	163	813	slu	Min	-0.84	-2.54	5.60	-1.05	-5.42	-0.52	6.1	5.5	0.14	16.20	1.38	**16.52**
1484	164	840	s	Max	8.38	272.75	70.42	2.17	1.23	12.49	281.7	2.5	1.41	7.32	63.16	**109.75**
1484	164	825	s	Max	10.68	159.55	40.51	2.10	3.55	8.90	164.6	4.1	1.80	12.10	36.91	**65.42**
1484	164	840	s	Min	-10.68	-159.55	-39.56	-0.45	-2.14	-9.57	164.4	2.2	1.80	6.41	36.86	**64.37**
1484	164	825	s	Min	-8.38	-272.75	-69.47	-2.86	-3.83	-7.23	281.5	4.8	1.41	14.02	63.11	**110.39**
1484	164	840	slu	Max	-0.14	164.50	44.22	1.72	-0.22	5.74	170.3	1.7	0.02	5.09	38.20	**66.35**
1484	164	825	slu	Max	4.75	-30.13	-6.99	0.79	0.15	3.75	30.9	0.8	0.80	2.37	6.94	**12.42**
1484	164	840	slu	Min	-4.75	30.13	7.94	-0.83	-1.80	-0.42	31.2	2.0	0.80	5.82	6.99	**13.80**
1484	164	825	slu	Min	0.14	-164.50	-42.99	-0.43	-0.68	0.70	170.0	0.8	0.02	2.35	38.12	**66.08**
1485	165	836	s	Max	1.23	189.51	3.96	6.65	2.16	1.15	189.5	7.0	0.21	20.53	42.50	**76.48**
1485	165	826	s	Max	2.16	172.91	2.50	4.78	3.28	3.44	172.9	5.8	0.36	17.02	38.77	**69.37**
1485	165	836	s	Min	-2.16	-172.91	-1.58	-5.85	-3.28	-0.84	172.9	6.7	0.36	19.70	38.77	**70.09**
1485	165	826	s	Min	-1.23	-189.51	-3.04	-2.66	-2.16	-1.90	189.5	3.4	0.21	10.06	42.50	**74.32**
1485	165	836	slu	Max	0.49	258.31	2.34	0.48	0.31	0.24	258.3	0.6	0.08	1.67	57.92	**100.34**
1485	165	826	slu	Max	1.58	-32.95	3.64	4.90	1.73	2.95	33.1	5.2	0.27	15.26	7.43	**20.17**
1485	165	836	slu	Min	-1.58	32.95	-2.72	-4.64	-1.73	-0.76	33.1	5.0	0.27	14.55	7.41	**19.61**
1485	165	826	slu	Min	-0.49	-258.31	-1.14	-1.71	-0.31	-0.22	258.3	1.7	0.08	5.11	57.92	**100.45**
1486	166	838	s	Max	0.69	225.77	3.80	5.54	1.89	2.31	225.8	5.9	0.12	17.18	50.63	**89.38**
1486	166	836	s	Max	1.25	268.49	2.15	2.94	2.17	0.98	268.5	3.7	0.21	10.72	60.20	**104.85**
1486	166	838	s	Min	-1.25	-268.49	-1.23	-3.56	-2.17	-1.60	268.5	4.2	0.21	12.24	60.20	**105.01**
1486	166	836	s	Min	-0.69	-225.77	-2.89	-1.61	-1.89	-0.57	225.8	2.5	0.12	7.29	50.63	**88.00**
1486	166	838	slu	Max	0.09	226.61	2.33	1.88	0.77	0.91	226.6	2.0	0.02	5.96	50.81	**88.22**
1486	166	836	slu	Max	0.73	30.44	3.27	1.81	0.48	0.55	30.6	1.9	0.12	5.49	6.86	**13.15**
1486	166	838	slu	Min	-0.73	-30.44	-2.35	-4.02	-0.48	-0.20	30.5	4.0	0.12	11.88	6.85	**16.87**
1486	166	836	slu	Min	-0.09	-226.61	-1.13	-1.60	-0.77	0.01	226.6	1.8	0.02	5.21	50.81	**88.16**
1487	167	826	s	Max	2.32	131.13	7.04	11.03	3.45	2.57	131.3	11.6	0.39	33.93	29.44	**61.47**
1487	167	806	s	Max	1.54	98.98	9.46	2.23	4.63	0.81	99.4	5.1	0.26	15.08	22.29	**41.55**
1487	167	826	s	Min	-1.54	-98.98	-8.54	-15.02	-4.63	-3.04	99.3	15.7	0.26	46.13	22.28	**60.34**

1487	167	806	s	Min	-2.32	-131.13	-6.12	-3.10	-3.45	-1.90	131.3	4.6	0.39	13.61	29.43	**52.87**
1487	167	826	slu	Max	2.15	243.01	-2.78	-4.86	0.61	-0.68	243.0	4.9	0.36	14.38	54.49	**95.53**
1487	167	806	slu	Max	-0.72	-49.44	8.96	-1.30	1.14	-0.76	50.2	1.7	0.12	5.08	11.27	**20.20**
1487	167	826	slu	Min	0.72	49.44	-7.77	-13.95	-1.14	-1.84	50.0	14.0	0.12	41.10	11.22	**45.58**
1487	167	806	slu	Min	-2.15	-243.01	3.70	-2.78	-0.61	-2.51	243.0	2.8	0.36	8.35	54.49	**94.79**
1488	168	841	s	Max	5.25	252.72	39.77	3.19	1.79	5.56	255.8	3.7	0.88	10.74	57.36	**100.03**
1488	168	842	s	Max	4.39	291.06	44.31	5.35	3.31	3.23	294.4	6.3	0.74	18.47	66.02	**115.94**
1488	168	841	s	Min	-4.39	-291.06	-43.38	-1.25	-2.17	-6.57	294.3	2.5	0.74	7.36	65.98	**114.57**
1488	168	842	s	Min	-5.25	-252.72	-38.84	-4.23	-2.65	-3.96	255.7	5.0	0.88	14.66	57.33	**100.51**
1488	168	841	slu	Max	2.06	-5.48	0.54	2.00	0.56	-0.90	5.5	2.1	0.35	6.10	1.23	**6.79**
1488	168	842	slu	Max	-0.44	69.68	10.65	2.63	1.50	0.02	70.5	3.0	0.07	8.88	15.81	**28.80**
1488	168	841	slu	Min	0.44	-69.68	-9.44	-2.45	-0.85	-2.49	70.3	2.6	0.07	7.62	15.77	**28.37**
1488	168	842	slu	Min	-2.06	5.48	0.39	0.18	-0.42	-1.67	5.5	0.5	0.35	1.34	1.23	**2.72**
1489	169	840	s	Max	4.18	52.60	41.71	2.25	2.85	7.39	67.1	3.6	0.70	10.66	15.05	**28.44**
1489	169	813	s	Max	6.79	10.28	8.09	1.61	3.74	6.20	13.1	4.1	1.14	11.95	2.93	**14.04**
1489	169	840	s	Min	-6.79	-10.28	-6.92	-0.64	-5.04	-4.55	12.4	5.1	1.14	14.93	2.78	**16.77**
1489	169	813	s	Min	-4.18	-52.60	-40.54	-1.99	-5.61	-3.84	66.4	6.0	0.70	17.47	14.89	**31.55**
1489	169	840	slu	Max	0.51	86.68	68.60	1.43	-0.20	5.12	110.5	1.4	0.09	4.23	24.79	**43.15**
1489	169	813	slu	Max	4.77	-8.42	-4.82	0.07	0.99	4.41	9.7	1.0	0.80	2.93	2.18	**5.30**
1489	169	840	slu	Min	-4.77	8.42	5.99	-1.18	-3.86	-0.61	10.3	4.0	0.80	11.86	2.32	**13.29**
1489	169	813	slu	Min	-0.51	-86.68	-67.08	-1.15	-3.57	-0.41	109.6	3.7	0.09	11.01	24.58	**43.99**
1490	170	841	s	Max	4.65	62.45	31.79	4.06	1.70	4.38	70.1	4.4	0.78	12.92	15.71	**30.47**
1490	170	836	s	Max	3.81	46.41	22.74	2.65	3.85	3.27	51.7	4.7	0.64	13.71	11.59	**24.68**
1490	170	841	s	Min	-3.81	-46.41	-21.73	-2.27	-1.61	-5.06	51.2	2.8	0.64	8.18	11.49	**21.77**
1490	170	836	s	Min	-4.65	-62.45	-30.78	-1.58	-3.13	-4.27	69.6	3.5	0.78	10.30	15.61	**29.22**
1490	170	841	slu	Max	1.95	56.97	28.43	1.65	0.87	-0.81	63.7	1.9	0.33	5.49	14.28	**25.40**
1490	170	836	slu	Max	-0.95	13.74	8.95	1.30	1.88	-0.58	16.4	2.3	0.16	6.72	3.68	**9.37**
1490	170	841	slu	Min	0.95	-13.74	-7.93	-2.76	-0.08	-1.77	15.9	2.8	0.16	8.11	3.56	**10.31**
1490	170	836	slu	Min	-1.95	-56.97	-27.10	-1.06	0.03	-2.16	63.1	1.1	0.33	3.12	14.15	**24.74**
1491	171	825	s	Max	17.38	1.21	3.29	1.10	3.69	2.53	3.5	3.8	2.92	11.29	0.79	**14.28**
1491	171	836	s	Max	12.81	0.95	2.49	1.63	6.16	2.70	2.7	6.4	2.15	18.70	0.60	**20.88**
1491	171	825	s	Min	-12.81	-0.95	0.05	-1.40	-0.46	-3.44	0.9	1.5	2.15	4.33	0.21	**6.49**
1491	171	836	s	Min	-17.38	-1.21	-0.75	-1.41	-3.56	-3.26	1.4	3.8	2.92	11.24	0.32	**14.18**

1491	171	825	slu	Max	4.39	0.46	3.48	-0.02	3.47	0.48	3.5	3.5	0.74	10.18	0.79	**11.01**
1491	171	836	slu	Max	2.84	0.18	0.83	0.35	7.82	0.53	0.8	7.8	0.48	22.99	0.19	**23.47**
1491	171	825	slu	Min	-2.84	-0.18	1.74	-0.49	0.95	-1.58	1.7	1.1	0.48	3.14	0.39	**3.68**
1491	171	836	slu	Min	-4.39	-0.46	-0.24	0.07	0.75	-0.97	0.5	0.8	0.74	2.20	0.12	**2.95**
1492	172	813	s	Max	60.22	22.52	10.97	0.55	4.76	0.56	25.0	4.8	10.13	14.06	5.62	**26.07**
1492	172	843	s	Max	102.12	37.17	14.46	1.44	3.86	0.11	39.9	4.1	17.17	12.08	8.94	**33.10**
1492	172	813	s	Min	-102.12	-37.17	-13.11	-1.83	-1.86	-1.52	39.4	2.6	17.17	7.66	8.84	**29.17**
1492	172	843	s	Min	-60.22	-22.52	-9.62	-2.01	-1.08	-0.70	24.5	2.3	10.13	6.70	5.49	**19.33**
1492	172	813	slu	Max	-37.78	-13.23	-2.52	-0.88	2.95	0.10	13.5	3.1	6.35	9.03	3.02	**16.25**
1492	172	843	slu	Max	114.22	40.89	13.78	-0.44	3.70	0.32	43.1	3.7	19.21	10.93	9.67	**34.49**
1492	172	813	slu	Min	-114.22	-40.89	-12.02	-1.34	1.90	-1.15	42.6	2.3	19.21	6.82	9.56	**30.84**
1492	172	843	slu	Min	37.78	13.23	4.28	-0.76	2.22	-0.50	13.9	2.3	6.35	6.88	3.12	**14.29**
1493	173	821	s	Max	25.78	48.44	4.39	2.47	5.75	2.13	48.6	6.3	4.34	18.38	10.90	**29.54**
1493	173	843	s	Max	136.23	9.22	16.62	1.86	5.49	1.91	19.0	5.8	22.91	17.00	4.26	**40.59**
1493	173	821	s	Min	-136.23	-9.22	-15.26	-1.02	-2.54	-0.92	17.8	2.7	22.91	8.03	4.00	**31.70**
1493	173	843	s	Min	-25.78	-48.44	-3.03	-1.23	-2.06	-0.68	48.5	2.4	4.34	7.05	10.88	**22.02**
1493	173	821	slu	Max	-84.69	83.84	-9.90	1.49	3.31	1.51	84.4	3.6	14.24	10.66	18.93	**41.17**
1493	173	843	slu	Max	233.97	-30.74	28.94	1.06	4.84	1.61	42.2	5.0	39.35	14.55	9.47	**56.33**
1493	173	821	slu	Min	-233.97	30.74	-27.17	-0.16	0.56	-0.16	41.0	0.6	39.35	1.70	9.20	**44.03**
1493	173	843	slu	Min	84.69	-83.84	11.25	0.51	1.24	0.21	84.6	1.3	14.24	3.93	18.97	**37.54**
1494	174	843	s	Max	58.20	21.83	8.16	1.37	1.22	0.87	23.3	1.8	9.79	5.40	5.23	**17.68**
1494	174	838	s	Max	101.30	37.05	14.68	2.54	3.90	0.62	39.9	4.7	17.04	13.66	8.94	**34.38**
1494	174	843	s	Min	-101.30	-37.05	-13.32	-1.14	-4.63	-1.44	39.4	4.8	17.04	13.99	8.83	**34.59**
1494	174	838	s	Min	-58.20	-21.83	-6.81	-1.81	-2.70	-1.25	22.9	3.3	9.79	9.56	5.13	**21.28**
1494	174	843	slu	Max	-39.00	-13.74	-4.60	0.30	-0.91	0.26	14.5	1.0	6.56	2.82	3.25	**10.93**
1494	174	838	slu	Max	116.30	41.75	15.77	0.39	5.91	0.45	44.6	5.9	19.56	17.39	10.01	**40.82**
1494	174	843	slu	Min	-116.30	-41.75	-14.01	-0.07	-4.45	-0.58	44.0	4.5	19.56	13.08	9.87	**36.85**
1494	174	838	slu	Min	39.00	13.74	6.36	-1.15	2.14	-0.76	15.1	2.4	6.56	7.12	3.39	**14.89**
1495	175	843	s	Max	22.63	48.64	3.80	1.66	0.92	0.47	48.8	1.9	3.80	5.57	10.94	**21.14**
1495	175	836	s	Max	131.87	8.85	18.43	1.80	5.45	1.71	20.4	5.7	22.18	16.86	4.58	**39.83**
1495	175	843	s	Min	-131.87	-8.85	-17.07	-1.95	-3.72	-0.55	19.2	4.2	22.18	12.33	4.31	**35.30**
1495	175	836	s	Min	-22.63	-48.64	-2.44	-1.61	-3.07	-1.93	48.7	3.5	3.80	10.19	10.92	**23.53**
1495	175	843	slu	Max	-84.19	84.70	-11.42	-0.15	-2.36	-0.11	85.5	2.4	14.16	6.93	19.16	**39.33**

1495	175	836	slu	Max	231.89	-31.02	30.47	1.55	7.24	-0.22	43.5	7.4	39.00	21.73	9.75	**63.03**
1495	175	843	slu	Min	-231.89	31.02	-28.71	-0.63	-4.08	-0.79	42.3	4.1	39.00	12.13	9.48	**53.70**
1495	175	836	slu	Min	84.19	-84.70	12.78	-0.32	-0.05	-0.78	85.7	0.3	14.16	0.96	19.21	**36.54**
1496	176	838	s	Max	14.92	16.22	2.82	3.32	4.80	3.22	16.5	5.8	2.51	17.13	3.69	**20.65**
1496	176	844	s	Max	60.25	3.50	11.69	4.89	14.97	3.69	12.2	15.7	10.13	46.23	2.74	**56.56**
1496	176	838	s	Min	-60.25	-3.50	-10.06	-3.54	-7.46	-1.79	10.7	8.3	10.13	24.23	2.39	**34.61**
1496	176	844	s	Min	-14.92	-16.22	-1.20	-4.71	-10.27	-2.00	16.3	11.3	2.51	33.18	3.65	**36.25**
1496	176	838	slu	Max	-41.05	38.73	-7.54	0.69	-3.83	1.79	39.5	3.9	6.90	11.43	8.85	**23.90**
1496	176	844	slu	Max	132.51	-11.52	30.12	0.00	4.86	2.19	32.2	4.9	22.28	14.27	7.23	**38.64**
1496	176	838	slu	Min	-132.51	11.52	-28.00	-1.73	-9.36	0.41	30.3	9.5	22.28	27.94	6.79	**51.58**
1496	176	844	slu	Min	41.05	-38.73	9.65	-2.36	-1.15	0.01	39.9	2.6	6.90	7.70	8.95	**21.30**
1497	177	845	s	Max	1.71	26.83	5.97	6.19	2.89	3.07	27.5	6.8	0.29	20.07	6.16	**22.98**
1497	177	826	s	Max	2.98	24.66	4.04	1.87	2.22	2.70	25.0	2.9	0.50	8.53	5.60	**13.25**
1497	177	845	s	Min	-2.98	-24.66	-3.89	-5.56	-2.84	-2.70	25.0	6.2	0.50	18.33	5.60	**21.18**
1497	177	826	s	Min	-1.71	-26.83	-5.83	-3.19	-2.67	-3.07	27.5	4.2	0.29	12.23	6.16	**16.44**
1497	177	845	slu	Max	-0.54	1.47	6.18	6.11	-0.11	0.55	6.3	6.1	0.09	17.95	1.42	**18.21**
1497	177	826	slu	Max	2.89	29.18	4.55	4.01	0.58	0.02	29.5	4.1	0.49	11.90	6.62	**16.88**
1497	177	845	slu	Min	-2.89	-29.18	-4.41	1.06	-1.17	-0.02	29.5	1.6	0.49	4.63	6.62	**12.55**
1497	177	826	slu	Min	0.54	-1.47	-5.99	-1.53	-0.34	-0.55	6.2	1.6	0.09	4.60	1.38	**5.26**
1498	178	845	s	Max	1.57	146.34	29.14	9.68	3.21	0.77	149.2	10.2	0.26	29.93	33.46	**65.35**
1498	178	806	s	Max	0.39	199.55	39.43	1.54	4.47	0.54	203.4	4.7	0.06	13.88	45.61	**80.22**
1498	178	845	s	Min	-0.39	-199.55	-38.50	-12.92	-4.18	-1.54	203.2	13.6	0.06	39.86	45.57	**88.45**
1498	178	806	s	Min	-1.57	-146.34	-28.21	-2.02	-3.13	-2.16	149.0	3.7	0.26	10.93	33.42	**58.95**
1498	178	845	slu	Max	2.37	38.35	3.51	-4.53	0.63	-0.36	38.5	4.6	0.40	13.42	8.63	**20.36**
1498	178	806	slu	Max	-0.36	70.56	18.23	-0.78	1.55	-0.37	72.9	1.7	0.06	5.09	16.34	**28.77**
1498	178	845	slu	Min	0.36	-70.56	-17.02	-12.15	-0.80	-1.85	72.6	12.2	0.06	35.75	16.28	**45.58**
1498	178	806	slu	Min	-2.37	-38.35	-2.58	-1.91	-0.52	-2.89	38.4	2.0	0.40	5.82	8.62	**16.17**
1499	179	842	s	Max	1.66	90.99	30.12	3.35	1.62	1.25	95.8	3.7	0.28	10.92	21.49	**38.87**
1499	179	826	s	Max	2.05	85.24	27.16	5.13	3.13	3.58	89.5	6.0	0.35	17.65	20.06	**39.13**
1499	179	842	s	Min	-2.05	-85.24	-26.19	-2.88	-2.62	-1.06	89.2	3.9	0.35	11.44	19.99	**36.58**
1499	179	826	s	Min	-1.66	-90.99	-29.16	-3.31	-2.38	-2.99	95.5	4.1	0.28	11.97	21.42	**39.08**
1499	179	842	slu	Max	-0.03	43.40	16.10	0.40	0.24	0.42	46.3	0.5	0.00	1.36	10.38	**18.03**
1499	179	826	slu	Max	0.99	2.12	3.22	4.77	1.16	1.56	3.8	4.9	0.17	14.42	0.86	**14.66**

1499	179	842	slu	Min	-0.99	-2.12	-2.25	-3.10	-1.79	-0.17	3.1	3.6	0.17	10.50	0.69	**10.74**
1499	179	826	slu	Min	0.03	-43.40	-14.85	-1.03	-0.26	0.23	45.9	1.1	0.00	3.11	10.28	**18.08**
1510	190	851	s	Max	31.48	20.59	14.62	17.03	7.49	24.35	25.3	18.6	5.29	54.62	5.66	**60.71**
1510	190	833	s	Max	21.79	28.51	5.29	5.88	12.43	6.36	29.0	13.7	3.66	40.37	6.50	**45.45**
1510	190	851	s	Min	-21.79	-28.51	-4.65	-6.00	-12.43	-32.79	28.9	13.8	3.66	40.52	6.48	**45.59**
1510	190	833	s	Min	-31.48	-20.59	-13.98	-3.94	-7.61	-11.49	24.9	8.6	5.29	25.16	5.58	**31.95**
1510	190	851	slu	Max	16.37	150.04	19.29	21.60	-2.31	0.73	151.3	21.7	2.75	63.79	33.92	**88.77**
1510	190	833	slu	Max	0.96	10.27	1.75	4.64	5.35	2.49	10.4	7.1	0.16	20.79	2.34	**21.34**
1510	190	851	slu	Min	-0.96	-10.27	-1.12	-3.78	-5.56	-14.18	10.3	6.7	0.16	19.73	2.32	**20.29**
1510	190	833	slu	Min	-16.37	-150.04	-18.46	1.78	2.33	-6.92	151.2	2.9	2.75	8.61	33.90	**59.80**
1511	191	834	s	Max	16.83	154.15	19.61	4.56	10.94	24.73	155.4	11.9	2.83	34.79	34.84	**71.11**
1511	191	851	s	Max	76.57	153.42	36.87	8.58	6.20	24.64	157.8	10.6	12.88	31.08	35.38	**75.41**
1511	191	834	s	Min	-76.57	-153.42	-36.59	-6.20	-6.30	-7.60	157.7	8.8	12.88	25.94	35.36	**72.52**
1511	191	851	s	Min	-16.83	-154.15	-19.33	-17.47	-11.06	-5.36	155.4	20.7	2.83	60.69	34.83	**87.61**
1511	191	834	slu	Max	31.30	112.37	24.61	5.59	6.85	21.29	115.0	8.8	5.26	25.96	25.79	**54.50**
1511	191	851	slu	Max	73.64	3.62	28.77	9.32	-4.41	22.24	29.0	10.3	12.38	30.27	6.50	**44.12**
1511	191	834	slu	Min	-73.64	-3.62	-28.41	-3.99	4.19	-9.07	28.6	5.8	12.38	17.00	6.42	**31.41**
1511	191	851	slu	Min	-31.30	-112.37	-24.33	-13.44	-7.21	-10.82	115.0	15.2	5.26	44.77	25.78	**67.06**
1512	192	855	s	Max	3.04	220.97	10.11	5.57	10.91	9.12	221.2	12.2	0.51	35.95	49.60	**93.33**
1512	192	853	s	Max	10.12	208.98	22.93	4.30	6.23	19.60	210.2	7.6	1.70	22.24	47.14	**85.09**
1512	192	855	s	Min	-10.12	-208.98	-22.10	-15.72	-7.10	-3.14	210.1	17.3	1.70	50.65	47.12	**96.96**
1512	192	853	s	Min	-3.04	-220.97	-9.28	-18.25	-11.32	-13.47	221.2	21.5	0.51	63.05	49.59	**106.85**
1512	192	855	slu	Max	-4.08	98.40	0.29	0.53	7.11	7.62	98.4	7.1	0.69	20.93	22.06	**43.91**
1512	192	853	slu	Max	10.61	-4.90	23.31	-3.58	-4.66	6.03	23.8	5.9	1.78	17.25	5.34	**21.17**
1512	192	855	slu	Min	-10.61	4.90	-22.23	-20.91	3.42	2.84	22.8	21.2	1.78	62.19	5.10	**64.58**
1512	192	853	slu	Min	4.08	-98.40	0.54	-27.36	-8.11	2.12	98.4	28.5	0.69	83.78	22.06	**92.71**
1513	193	855	s	Max	42.12	0.17	12.12	4.25	9.52	1.17	12.1	10.4	7.08	30.60	2.72	**37.97**
1513	193	836	s	Max	8.27	0.18	3.98	3.18	5.40	0.66	4.0	6.3	1.39	18.41	0.89	**19.86**
1513	193	855	s	Min	-8.27	-0.18	-0.86	-3.28	-13.42	-0.92	0.9	13.8	1.39	40.57	0.20	**41.96**
1513	193	836	s	Min	-42.12	-0.17	-9.00	-4.13	-8.53	-1.00	9.0	9.5	7.08	27.83	2.02	**35.09**
1513	193	855	slu	Max	106.02	0.00	26.45	1.19	-3.44	0.30	26.4	3.6	17.83	10.67	5.93	**30.30**
1513	193	836	slu	Max	-30.55	0.09	-5.53	1.60	-1.46	0.01	5.5	2.2	5.14	6.36	1.24	**11.69**
1513	193	855	slu	Min	30.55	-0.09	9.58	-1.47	-6.01	-0.62	9.6	6.2	5.14	18.17	2.15	**23.60**

1513	193	836	slu	Min	-106.02	0.00	-22.40	-1.14	-9.37	-0.51	22.4	9.4	17.83	27.72	5.02	**46.37**
1514	194	853	s	Max	242.80	61.87	61.68	14.99	10.43	20.76	87.4	18.3	40.83	53.61	19.59	**100.35**
1514	194	834	s	Max	60.27	76.41	17.34	7.06	11.43	16.15	78.3	13.4	10.14	39.45	17.57	**58.18**
1514	194	853	s	Min	-60.27	-76.41	-17.24	-10.73	-31.66	-30.25	78.3	33.4	10.14	98.15	17.56	**112.48**
1514	194	834	s	Min	-242.80	-61.87	-61.58	-3.95	-6.46	-42.30	87.3	7.6	40.83	22.23	19.57	**71.60**
1514	194	853	slu	Max	261.80	86.56	70.87	12.50	-10.74	-7.47	111.9	16.5	44.03	48.40	25.08	**102.13**
1514	194	834	slu	Max	-78.73	18.77	-31.67	6.77	6.92	-3.74	36.8	9.7	13.24	28.42	8.26	**44.05**
1514	194	853	slu	Min	78.73	-18.77	31.77	3.61	-30.31	-12.60	36.9	30.5	13.24	89.61	8.27	**103.84**
1514	194	834	slu	Min	-261.80	-86.56	-70.74	-0.41	2.99	-32.77	111.8	3.0	44.03	8.87	25.07	**68.43**
1515	195	839	s	Max	5.75	212.36	12.05	9.01	7.33	2.02	212.7	11.6	0.97	34.10	47.69	**89.74**
1515	195	855	s	Max	2.89	200.38	8.50	15.93	9.52	4.52	200.6	18.6	0.49	54.49	44.97	**95.34**
1515	195	839	s	Min	-2.89	-200.38	-7.58	-9.38	-9.52	-5.93	200.5	13.4	0.49	39.23	44.96	**87.42**
1515	195	855	s	Min	-5.75	-212.36	-11.13	-8.45	-7.33	-6.33	212.7	11.2	0.97	32.85	47.68	**89.24**
1515	195	839	slu	Max	2.94	95.65	11.75	5.43	-1.42	-1.98	96.4	5.6	0.49	16.48	21.61	**41.10**
1515	195	855	slu	Max	-1.36	-8.71	0.46	16.87	3.36	-0.74	8.7	17.2	0.23	50.51	1.96	**50.85**
1515	195	839	slu	Min	1.36	8.71	0.46	-2.30	-3.36	-4.37	8.7	4.1	0.23	11.95	1.96	**12.64**
1515	195	855	slu	Min	-2.94	-95.65	-10.55	2.30	1.42	-1.55	96.2	2.7	0.49	7.92	21.58	**38.31**
1516	196	836	s	Max	25.21	7.61	4.90	3.76	4.00	1.27	9.1	5.5	4.24	16.12	2.03	**20.66**
1516	196	844	s	Max	129.70	39.52	26.38	4.01	10.88	1.93	47.5	11.6	21.81	34.05	10.65	**58.83**
1516	196	836	s	Min	-129.70	-39.52	-24.76	-4.29	-6.83	-0.66	46.6	8.1	21.81	23.67	10.46	**48.95**
1516	196	844	s	Min	-25.21	-7.61	-3.28	-4.15	-6.84	-1.13	8.3	8.0	4.24	23.48	1.86	**27.91**
1516	196	836	slu	Max	-83.20	-25.45	-16.31	1.88	-1.84	1.29	30.2	2.6	13.99	7.73	6.78	**24.69**
1516	196	844	slu	Max	212.99	65.04	46.85	0.06	4.64	1.54	80.2	4.6	35.82	13.62	17.97	**58.43**
1516	196	836	slu	Min	-212.99	-65.04	-44.74	-0.13	-8.83	0.68	78.9	8.8	35.82	25.92	17.70	**68.93**
1516	196	844	slu	Min	83.20	25.45	17.93	-2.42	2.22	0.34	31.1	3.3	13.99	9.64	6.98	**26.55**
1517	197	844	s	Max	27.00	7.26	1.40	5.60	3.88	1.55	7.4	6.8	4.54	19.99	1.66	**24.70**
1517	197	839	s	Max	135.90	39.43	28.04	6.57	21.88	2.65	48.4	22.8	22.85	67.06	10.85	**91.85**
1517	197	844	s	Min	-135.90	-39.43	-26.42	-3.53	-9.25	-2.55	47.5	9.9	22.85	29.06	10.64	**55.09**
1517	197	839	s	Min	-27.00	-7.26	0.23	-4.31	-29.37	-3.79	7.3	29.7	4.54	87.15	1.63	**91.73**
1517	197	844	slu	Max	-85.24	-25.43	-21.00	3.74	-3.27	0.04	33.0	5.0	14.33	14.58	7.40	**31.62**
1517	197	839	slu	Max	219.64	65.21	52.26	3.07	-6.26	-0.38	83.6	7.0	36.94	20.47	18.74	**65.94**
1517	197	844	slu	Min	-219.64	-65.21	-50.15	1.84	-6.86	-1.54	82.3	7.1	36.94	20.86	18.45	**66.04**
1517	197	839	slu	Min	85.24	25.43	22.63	0.43	-13.00	-1.70	34.0	13.0	14.33	38.20	7.63	**54.17**

1518	198	844	s	Max	10.32	15.93	4.83	4.01	13.60	1.17	16.6	14.2	1.73	41.62	3.73	**43.83**
1518	198	855	s	Max	51.24	2.95	15.03	3.23	4.88	1.26	15.3	5.8	8.62	17.17	3.43	**26.47**
1518	198	844	s	Min	-51.24	-2.95	-13.41	-6.12	-16.96	-2.67	13.7	18.0	8.62	52.93	3.08	**61.78**
1518	198	855	s	Min	-10.32	-15.93	-3.21	-2.32	-6.96	-1.89	16.2	7.3	1.73	21.53	3.64	**24.11**
1518	198	844	slu	Max	-36.82	38.91	-7.92	1.04	1.66	-0.39	39.7	2.0	6.19	5.75	8.90	**19.50**
1518	198	855	slu	Max	125.86	-11.67	28.93	1.73	-1.70	-0.53	31.2	2.4	21.17	7.13	6.99	**30.78**
1518	198	844	slu	Min	-125.86	11.67	-26.82	-2.61	-2.64	-2.19	29.2	3.7	21.17	10.89	6.56	**34.01**
1518	198	855	slu	Min	36.82	-38.91	10.03	-1.26	-3.78	-1.18	40.2	4.0	6.19	11.69	9.01	**23.73**
1519	199	842	s	Max	6.00	11.54	14.96	1.68	2.31	2.51	18.9	2.9	1.01	8.38	4.24	**11.92**
1519	199	836	s	Max	4.67	4.60	19.23	2.72	3.68	1.74	19.8	4.6	0.78	13.43	4.43	**16.16**
1519	199	842	s	Min	-4.67	-4.60	-18.94	-4.13	-1.02	-1.74	19.5	4.2	0.78	12.48	4.37	**15.27**
1519	199	836	s	Min	-6.00	-11.54	-14.66	-4.67	-4.12	-2.51	18.7	6.2	1.01	18.28	4.18	**20.60**
1519	199	842	slu	Max	3.56	9.35	-0.68	5.98	1.87	1.50	9.4	6.3	0.60	18.38	2.10	**19.32**
1519	199	836	slu	Max	-0.65	15.24	11.50	3.68	0.75	-0.17	19.1	3.8	0.11	11.02	4.28	**13.37**
1519	199	842	slu	Min	0.65	-15.24	-11.12	-2.99	-0.07	0.17	18.9	3.0	0.11	8.79	4.23	**11.52**
1519	199	836	slu	Min	-3.56	-9.35	0.97	-2.93	-0.15	-1.50	9.4	2.9	0.60	8.60	2.11	**9.90**
1520	200	842	s	Max	1.52	171.21	26.92	3.21	1.74	1.14	173.3	3.7	0.26	10.72	38.86	**68.20**
1520	200	845	s	Max	1.59	222.24	33.26	6.95	3.01	2.69	224.7	7.6	0.27	22.24	50.39	**90.13**
1520	200	842	s	Min	-1.59	-222.24	-32.33	-2.35	-2.68	-1.38	224.6	3.6	0.27	10.47	50.36	**87.88**
1520	200	845	s	Min	-1.52	-171.21	-25.99	-4.34	-2.09	-2.30	173.2	4.8	0.26	14.16	38.83	**68.78**
1520	200	842	slu	Max	-0.16	9.17	0.04	0.92	0.25	-0.02	9.2	1.0	0.03	2.80	2.06	**4.55**
1520	200	845	slu	Max	0.52	88.05	12.13	6.78	1.41	1.30	88.9	6.9	0.09	20.34	19.93	**40.11**
1520	200	842	slu	Min	-0.52	-88.05	-10.92	-3.06	-1.58	-0.26	88.7	3.4	0.09	10.11	19.89	**35.94**
1520	200	845	slu	Min	0.16	-9.17	0.90	-0.70	-0.30	0.38	9.2	0.8	0.03	2.25	2.07	**4.24**
1716	400	1125	s	Max	1.52	222.29	26.92	2.35	1.74	1.38	223.9	2.9	0.26	8.59	50.21	**87.41**
1716	400	1126	s	Max	1.59	171.26	33.27	4.35	3.01	2.30	174.5	5.3	0.27	15.53	39.12	**69.57**
1716	400	1125	s	Min	-1.59	-171.26	-32.34	-3.21	-2.68	-1.14	174.3	4.2	0.27	12.29	39.08	**68.84**
1716	400	1126	s	Min	-1.52	-222.29	-25.99	-6.96	-2.09	-2.69	223.8	7.3	0.26	21.32	50.18	**89.56**
1716	400	1125	slu	Max	-0.15	132.08	-4.93	1.67	-0.88	0.25	132.2	1.9	0.03	5.55	29.64	**51.63**
1716	400	1126	slu	Max	0.52	-47.22	18.03	-3.83	1.40	-0.14	50.5	4.1	0.09	11.98	11.33	**23.04**
1716	400	1125	slu	Min	-0.52	47.22	-16.82	-0.92	-1.57	-0.16	50.1	1.8	0.09	5.34	11.24	**20.21**
1716	400	1126	slu	Min	0.15	-132.08	5.86	-8.28	0.73	-1.30	132.2	8.3	0.03	24.40	29.65	**56.86**
1717	401	1125	s	Max	6.01	4.62	14.96	4.13	2.31	1.74	15.7	4.7	1.01	13.89	3.51	**16.09**

1717	401	1101	s	Max	4.67	11.55	19.23	4.67	3.68	2.52	22.4	5.9	0.79	17.45	5.03	**20.21**
1717	401	1125	s	Min	-4.67	-11.55	-18.94	-1.68	-1.02	-2.52	22.2	2.0	0.79	5.78	4.97	**10.83**
1717	401	1101	s	Min	-6.01	-4.62	-14.66	-2.72	-4.12	-1.74	15.4	4.9	1.01	14.50	3.45	**16.62**
1717	401	1125	slu	Max	3.55	1.97	-3.82	2.99	1.86	-0.84	4.3	3.5	0.60	10.34	0.96	**11.07**
1717	401	1101	slu	Max	-1.64	9.35	11.49	2.93	0.75	1.50	14.8	3.0	0.28	8.87	3.32	**10.81**
1717	401	1125	slu	Min	1.64	-9.35	-11.12	-1.50	0.93	-1.50	14.5	1.8	0.28	5.17	3.26	**7.84**
1717	401	1101	slu	Min	-3.55	-1.97	4.20	0.25	-0.15	0.84	4.6	0.3	0.60	0.86	1.04	**2.32**
1718	402	1127	s	Max	10.28	2.94	4.82	6.12	13.59	2.67	5.6	14.9	1.73	43.77	1.27	**45.55**
1718	402	1104	s	Max	51.24	15.93	15.03	2.32	4.88	1.89	21.9	5.4	8.62	15.85	4.91	**25.91**
1718	402	1127	s	Min	-51.24	-15.93	-13.41	-4.01	-16.96	-1.17	20.8	17.4	8.62	51.16	4.67	**60.32**
1718	402	1104	s	Min	-10.28	-2.94	-3.20	-3.23	-6.96	-1.26	4.3	7.7	1.73	22.52	0.97	**24.31**
1718	402	1127	slu	Max	-36.85	-11.68	-7.93	2.59	0.86	2.18	14.1	2.7	6.20	8.02	3.16	**15.24**
1718	402	1104	slu	Max	125.88	38.91	28.93	-0.89	-1.70	1.06	48.5	1.9	21.17	5.64	10.87	**32.76**
1718	402	1127	slu	Min	-125.88	-38.91	-26.82	1.31	-2.63	1.16	47.3	2.9	21.17	8.63	10.60	**34.99**
1718	402	1104	slu	Min	36.85	11.68	10.04	-2.53	-3.21	0.53	15.4	4.1	6.20	12.00	3.45	**19.16**
1719	403	1127	s	Max	27.07	39.44	1.41	3.52	3.88	2.55	39.5	5.2	4.55	15.38	8.85	**25.15**
1719	403	839	s	Max	135.92	7.28	28.05	4.31	21.88	3.79	29.0	22.3	22.86	65.47	6.50	**89.05**
1719	403	1127	s	Min	-135.92	-7.28	-26.42	-5.59	-9.25	-1.55	27.4	10.8	22.86	31.73	6.15	**55.62**
1719	403	839	s	Min	-27.07	-39.44	0.22	-6.57	-29.37	-2.65	39.4	30.1	4.55	88.37	8.84	**94.18**
1719	403	1127	slu	Max	-104.35	65.20	-23.97	0.00	-2.87	1.54	69.5	2.9	17.55	8.42	15.58	**37.45**
1719	403	839	slu	Max	219.62	-30.79	52.26	-1.83	-6.26	1.71	60.7	6.5	36.93	19.14	13.60	**60.82**
1719	403	1127	slu	Min	-219.62	30.79	-50.15	-3.05	-6.87	0.13	58.8	7.5	36.93	22.07	13.19	**63.28**
1719	403	839	slu	Min	104.35	-65.20	26.08	-4.58	-14.49	-0.98	70.2	15.2	17.55	44.62	15.75	**67.88**
1720	404	1101	s	Max	25.27	39.53	4.92	4.28	4.01	0.66	39.8	5.9	4.25	17.23	8.93	**26.47**
1720	404	1127	s	Max	129.72	7.63	26.39	4.15	10.88	1.13	27.5	11.6	21.81	34.19	6.16	**57.01**
1720	404	1101	s	Min	-129.72	-7.63	-24.76	-3.76	-6.84	-1.26	25.9	7.8	21.81	22.92	5.81	**45.85**
1720	404	1127	s	Min	-25.27	-39.53	-3.29	-4.01	-6.84	-1.94	39.7	7.9	4.25	23.28	8.89	**31.55**
1720	404	1101	slu	Max	-100.12	65.03	-20.13	0.42	-3.98	-0.68	68.1	4.0	16.84	11.75	15.26	**38.94**
1720	404	1127	slu	Max	212.97	-30.63	46.84	0.49	4.65	-0.81	56.0	4.7	35.82	13.72	12.55	**54.10**
1720	404	1101	slu	Min	-212.97	30.63	-44.73	-0.76	-8.82	-1.29	54.2	8.9	35.82	25.99	12.16	**65.29**
1720	404	1127	slu	Min	100.12	-65.03	22.24	-1.20	0.10	-1.54	68.7	1.2	16.84	3.53	15.41	**33.58**
1721	405	839	s	Max	5.76	200.42	12.05	9.38	7.33	5.93	200.8	11.9	0.97	34.96	45.02	**85.86**
1721	405	1104	s	Max	2.90	212.30	8.50	8.46	9.52	6.33	212.5	12.7	0.49	37.39	47.64	**90.79**

1721	405	839	s	Min	-2.90	-212.30	-7.58	-9.01	-9.52	-2.02	212.4	13.1	0.49	38.49	47.63	**91.25**
1721	405	1104	s	Min	-5.76	-200.42	-11.13	-15.93	-7.33	-4.52	200.7	17.5	0.97	51.49	45.01	**93.96**
1721	405	839	slu	Max	2.94	-8.62	11.76	-0.59	-1.72	4.37	14.6	1.8	0.49	5.34	3.27	**8.13**
1721	405	1104	slu	Max	-0.13	162.52	-3.82	-8.23	4.39	1.51	162.6	9.3	0.02	27.39	36.45	**68.83**
1721	405	839	slu	Min	0.13	-162.52	5.01	-8.80	-4.39	0.08	162.6	9.8	0.02	28.88	36.46	**69.45**
1721	405	1104	slu	Min	-2.94	8.62	-10.57	-16.89	1.72	0.17	13.6	17.0	0.49	49.84	3.06	**50.62**
1722	406	1128	s	Max	243.03	76.44	61.71	10.73	10.45	30.27	98.2	15.0	40.87	43.97	22.03	**93.02**
1722	406	1105	s	Max	60.38	61.85	17.34	3.96	11.44	42.34	64.2	12.1	10.15	35.53	14.40	**52.05**
1722	406	1128	s	Min	-60.38	-61.85	-17.24	-14.99	-31.69	-20.76	64.2	35.1	10.15	102.91	14.40	**115.78**
1722	406	1105	s	Min	-243.03	-76.44	-61.61	-7.07	-6.46	-16.18	98.2	9.6	40.87	28.12	22.01	**78.82**
1722	406	1128	slu	Max	261.61	18.81	70.91	-3.61	-17.81	12.58	73.4	18.2	43.99	53.34	16.45	**101.42**
1722	406	1105	slu	Max	-108.68	145.52	-12.59	-2.95	9.30	32.76	146.1	9.8	18.28	28.64	32.75	**73.61**
1722	406	1128	slu	Min	108.68	-145.52	12.68	-12.52	-30.28	8.48	146.1	32.8	18.28	96.19	32.75	**127.75**
1722	406	1105	slu	Min	-261.61	-18.81	-70.78	-6.78	4.45	1.39	73.2	8.1	43.99	23.82	16.42	**73.54**
1723	407	1104	s	Max	42.18	0.18	12.13	3.28	9.52	0.92	12.1	10.1	7.09	29.56	2.72	**36.95**
1723	407	1101	s	Max	8.32	0.17	3.99	4.13	5.42	1.00	4.0	6.8	1.40	20.00	0.90	**21.46**
1723	407	1104	s	Min	-8.32	-0.17	-0.87	-4.25	-13.43	-1.17	0.9	14.1	1.40	41.35	0.20	**42.75**
1723	407	1101	s	Min	-42.18	-0.18	-9.02	-3.18	-8.55	-0.66	9.0	9.1	7.09	26.77	2.02	**34.04**
1723	407	1104	slu	Max	106.02	0.04	26.44	-0.43	-3.44	-0.02	26.4	3.5	17.83	10.17	5.93	**29.82**
1723	407	1101	slu	Max	-30.55	0.00	-5.53	1.82	-3.84	0.50	5.5	4.2	5.14	12.47	1.24	**17.74**
1723	407	1104	slu	Min	30.55	0.00	9.58	-1.81	-6.82	-0.29	9.6	7.1	5.14	20.71	2.15	**26.12**
1723	407	1101	slu	Min	-106.02	-0.04	-22.39	0.38	-9.36	0.22	22.4	9.4	17.83	27.50	5.02	**46.16**
1724	408	1104	s	Max	3.05	209.01	10.11	15.72	10.90	3.15	209.3	19.1	0.51	56.17	46.92	**99.08**
1724	408	1128	s	Max	10.13	220.91	22.94	18.26	6.23	13.48	222.1	19.3	1.70	56.65	49.80	**104.14**
1724	408	1104	s	Min	-10.13	-220.91	-22.11	-5.57	-7.10	-9.14	222.0	9.0	1.70	26.50	49.78	**90.72**
1724	408	1128	s	Min	-3.05	-209.01	-9.28	-4.31	-11.32	-19.61	209.2	12.1	0.51	35.55	46.91	**88.90**
1724	408	1104	slu	Max	-3.38	-4.84	-11.05	20.90	5.90	0.52	12.1	21.7	0.57	63.76	2.70	**64.50**
1724	408	1128	slu	Max	10.62	146.11	23.29	27.33	-4.64	1.96	148.0	27.7	1.79	81.39	33.17	**101.10**
1724	408	1104	slu	Min	-10.62	-146.11	-22.21	10.85	3.42	-7.62	147.8	11.4	1.79	33.41	33.14	**67.33**
1724	408	1128	slu	Min	3.38	4.84	12.13	14.49	-7.78	-6.05	13.1	16.4	0.57	48.28	2.93	**49.11**
1725	409	1105	s	Max	16.82	153.44	19.61	6.20	10.94	7.59	154.7	12.6	2.83	36.91	34.68	**72.03**
1725	409	1129	s	Max	76.60	154.11	36.88	17.47	6.20	5.37	158.5	18.5	12.88	54.43	35.53	**91.20**
1725	409	1105	s	Min	-76.60	-154.11	-36.60	-4.56	-6.30	-24.74	158.4	7.8	12.88	22.83	35.52	**71.13**

1725	409	1129	s	Min	-16.82	-153.44	-19.33	-8.58	-11.06	-24.66	154.6	14.0	2.83	41.09	34.68	**74.41**
1725	409	1105	slu	Max	-31.74	3.67	-14.21	12.38	6.85	-9.51	14.7	14.2	5.34	41.55	3.29	**47.23**
1725	409	1129	slu	Max	74.01	181.90	49.05	17.44	-4.04	-8.54	188.4	17.9	12.45	52.55	42.24	**97.86**
1725	409	1105	slu	Min	-74.01	-181.90	-48.77	1.34	3.43	-26.05	188.3	3.7	12.45	10.81	42.23	**76.75**
1725	409	1129	slu	Min	31.74	-3.67	14.57	6.47	-7.21	-22.19	15.0	9.7	5.34	28.45	3.37	**34.28**
1726	410	1129	s	Max	31.48	28.51	14.62	6.00	7.50	32.79	32.0	9.6	5.29	28.19	7.18	**35.72**
1726	410	1106	s	Max	21.78	20.59	5.29	3.94	12.43	11.48	21.3	13.0	3.66	38.30	4.77	**42.76**
1726	410	1129	s	Min	-21.78	-20.59	-4.65	-17.03	-12.44	-24.34	21.1	21.1	3.66	61.91	4.73	**66.08**
1726	410	1106	s	Min	-31.48	-28.51	-13.98	-5.88	-7.61	-6.35	31.8	9.6	5.29	28.25	7.12	**35.74**
1726	410	1129	slu	Max	31.68	10.27	19.39	-10.88	-4.07	19.99	21.9	11.6	5.33	34.09	4.92	**40.33**
1726	410	1106	slu	Max	-7.86	154.04	-9.55	-2.16	6.13	22.12	154.3	6.5	1.32	19.07	34.61	**63.31**
1726	410	1129	slu	Min	7.86	-154.04	10.38	-21.58	-6.36	6.79	154.4	22.5	1.32	66.05	34.62	**90.19**
1726	410	1106	slu	Min	-31.68	-10.27	-18.75	-7.01	3.94	3.55	21.4	8.0	5.33	23.60	4.79	**30.09**
1737	421	1125	s	Max	1.66	85.23	30.12	2.88	1.62	1.06	90.4	3.3	0.28	9.70	20.27	**36.50**
1737	421	1102	s	Max	2.05	90.98	27.16	3.31	3.14	2.99	94.9	4.6	0.35	13.39	21.29	**39.35**
1737	421	1125	s	Min	-2.05	-90.98	-26.19	-3.35	-2.62	-1.25	94.7	4.3	0.35	12.49	21.23	**38.95**
1737	421	1102	s	Min	-1.66	-85.23	-29.16	-5.13	-2.38	-3.58	90.1	5.7	0.28	16.60	20.20	**38.84**
1737	421	1125	slu	Max	-0.04	-8.43	16.10	2.37	-1.03	-0.21	18.2	2.6	0.01	7.58	4.07	**10.36**
1737	421	1102	slu	Max	0.99	43.39	-3.63	-2.79	1.43	0.27	43.5	3.1	0.17	9.19	9.76	**19.33**
1737	421	1125	slu	Min	-0.99	-43.39	4.89	-0.40	-1.78	-0.42	43.7	1.8	0.17	5.35	9.79	**17.83**
1737	421	1102	slu	Min	0.04	8.43	-14.84	-6.23	0.67	-1.56	17.1	6.3	0.01	18.39	3.83	**19.55**
1738	422	1126	s	Max	1.58	199.60	29.15	12.92	3.20	1.54	201.7	13.3	0.27	39.09	45.23	**87.67**
1738	422	1103	s	Max	0.39	146.39	39.44	2.02	4.47	2.16	151.6	4.9	0.06	14.41	34.00	**60.63**
1738	422	1126	s	Min	-0.39	-146.39	-38.51	-9.68	-4.18	-0.78	151.4	10.5	0.06	30.95	33.94	**66.47**
1738	422	1103	s	Min	-1.58	-199.60	-28.22	-1.54	-3.12	-0.54	201.6	3.5	0.27	10.22	45.20	**78.99**
1738	422	1126	slu	Max	2.36	100.15	-9.68	15.78	0.43	1.84	100.6	15.8	0.40	46.34	22.56	**60.92**
1738	422	1103	slu	Max	0.94	-29.78	26.01	3.85	1.53	2.88	39.5	4.1	0.16	12.17	8.87	**19.69**
1738	422	1126	slu	Min	-0.94	29.78	-24.80	4.89	-0.79	0.94	38.8	5.0	0.16	14.55	8.69	**21.04**
1738	422	1103	slu	Min	-2.36	-100.15	10.61	0.78	-0.59	-3.25	100.7	1.0	0.40	2.87	22.58	**39.25**
1739	423	1126	s	Max	1.71	24.65	5.97	5.56	2.89	2.70	25.4	6.3	0.29	18.40	5.69	**21.13**
1739	423	1102	s	Max	2.98	26.83	4.04	3.19	2.22	3.07	27.1	3.9	0.50	11.42	6.08	**15.91**
1739	423	1126	s	Min	-2.98	-26.83	-3.90	-6.19	-2.84	-3.07	27.1	6.8	0.50	20.00	6.08	**23.05**
1739	423	1102	s	Min	-1.71	-24.65	-5.83	-1.87	-2.67	-2.70	25.3	3.3	0.29	9.58	5.68	**13.93**

1739	423	1126	slu	Max	0.79	36.07	6.77	-1.06	-0.11	-0.28	36.7	1.1	0.13	3.13	8.23	**14.62**
1739	423	1102	slu	Max	2.88	1.47	-2.49	1.53	1.77	1.23	2.9	2.3	0.48	6.86	0.65	**7.43**
1739	423	1126	slu	Min	-2.88	-1.47	2.68	-7.68	-1.52	-1.23	3.1	7.8	0.48	22.98	0.69	**23.50**
1739	423	1102	slu	Min	-0.79	-36.07	-6.58	-3.74	-0.34	0.28	36.7	3.8	0.13	11.03	8.22	**18.10**
1740	424	838	s	Max	14.87	3.49	2.81	3.54	4.80	1.79	4.5	6.0	2.50	17.52	1.01	**20.09**
1740	424	1127	s	Max	60.24	16.22	11.69	4.71	14.97	2.00	20.0	15.7	10.13	46.06	4.48	**56.73**
1740	424	838	s	Min	-60.24	-16.22	-10.06	-3.32	-7.46	-3.22	19.1	8.2	10.13	23.98	4.28	**34.90**
1740	424	1127	s	Min	-14.87	-3.49	-1.19	-4.89	-10.27	-3.69	3.7	11.4	2.50	33.40	0.83	**35.93**
1740	424	838	slu	Max	-41.08	-11.52	-7.54	2.09	-3.83	0.03	13.8	4.4	6.91	12.82	3.09	**20.44**
1740	424	1127	slu	Max	132.53	38.74	30.12	0.56	4.85	-0.52	49.1	4.9	22.29	14.34	11.00	**41.29**
1740	424	838	slu	Min	-132.53	-38.74	-28.01	0.61	-9.36	-1.79	47.8	9.4	22.29	27.53	10.72	**53.16**
1740	424	1127	slu	Min	41.08	11.52	9.66	-1.30	1.47	-2.19	15.0	2.0	6.91	5.75	3.37	**13.94**
1741	425	1138	s	Max	22.55	8.83	3.79	1.96	0.92	0.55	9.6	2.2	3.79	6.36	2.15	**10.81**
1741	425	1101	s	Max	131.83	48.62	18.42	1.61	5.46	1.93	52.0	5.7	22.17	16.71	11.66	**43.81**
1741	425	1138	s	Min	-131.83	-48.62	-17.07	-1.66	-3.72	-0.47	51.5	4.1	22.17	11.97	11.55	**39.57**
1741	425	1101	s	Min	-22.55	-8.83	-2.43	-1.80	-3.08	-1.71	9.2	3.6	3.79	10.47	2.05	**14.70**
1741	425	1138	slu	Max	-103.04	-37.54	-12.41	0.82	-1.99	0.59	39.5	2.2	17.33	6.33	8.87	**28.20**
1741	425	1101	slu	Max	231.87	84.69	30.48	-0.57	7.23	0.78	90.0	7.3	38.99	21.29	20.18	**69.69**
1741	425	1138	slu	Min	-231.87	-84.69	-28.71	0.15	-4.08	0.11	89.4	4.1	38.99	12.00	20.05	**61.70**
1741	425	1101	slu	Min	103.04	37.54	14.17	-1.55	2.91	0.22	40.1	3.3	17.33	9.68	9.00	**31.18**
1742	426	1138	s	Max	58.23	37.05	8.17	1.14	1.23	1.44	37.9	1.7	9.79	4.91	8.51	**20.82**
1742	426	838	s	Max	101.30	21.85	14.68	1.81	3.90	1.25	26.3	4.3	17.03	12.61	5.90	**31.36**
1742	426	1138	s	Min	-101.30	-21.85	-13.32	-1.37	-4.63	-0.87	25.6	4.8	17.03	14.18	5.74	**32.76**
1742	426	838	s	Min	-58.23	-37.05	-6.81	-2.54	-2.70	-0.62	37.7	3.7	9.79	10.88	8.45	**25.32**
1742	426	1138	slu	Max	-38.97	41.72	-4.59	0.07	-2.69	0.58	42.0	2.7	6.55	7.90	9.41	**21.79**
1742	426	838	slu	Max	116.23	-13.73	15.76	0.34	5.92	0.76	20.9	5.9	19.55	17.40	4.69	**37.83**
1742	426	1138	slu	Min	-116.23	13.73	-13.99	-0.28	-4.45	-0.23	19.6	4.5	19.55	13.09	4.40	**33.52**
1742	426	838	slu	Min	38.97	-41.72	6.36	-0.40	0.90	0.08	42.2	1.0	6.55	2.90	9.46	**18.92**
1743	427	821	s	Max	25.71	9.19	4.37	1.02	5.75	0.92	10.2	5.8	4.32	17.15	2.28	**21.84**
1743	427	1138	s	Max	136.19	48.42	16.61	1.23	5.49	0.68	51.2	5.6	22.90	16.52	11.48	**44.15**
1743	427	821	s	Min	-136.19	-48.42	-15.25	-2.47	-2.54	-2.13	50.8	3.5	22.90	10.40	11.38	**38.70**
1743	427	1138	s	Min	-25.71	-9.19	-3.02	-1.86	-2.07	-1.91	9.7	2.8	4.32	8.17	2.17	**13.05**
1743	427	821	slu	Max	-104.26	-37.03	-10.96	-0.81	3.31	-0.32	38.6	3.4	17.53	9.99	8.66	**31.35**

1743	427	1138	slu	Max	233.96	83.83	28.94	-0.51	4.83	-0.21	88.7	4.9	39.34	14.27	19.89	**63.73**
1743	427	821	slu	Min	-233.96	-83.83	-27.18	-1.49	2.23	-1.51	88.1	2.7	39.34	7.86	19.76	**58.30**
1743	427	1138	slu	Min	104.26	37.03	12.72	-1.11	3.00	-1.61	39.2	3.2	17.53	9.39	8.78	**30.92**
1744	428	1093	s	Max	60.25	37.17	10.98	1.83	4.75	1.52	38.8	5.1	10.13	14.96	8.69	**29.26**
1744	428	1138	s	Max	102.11	22.53	14.46	2.01	3.85	0.69	26.8	4.3	17.17	12.75	6.00	**31.68**
1744	428	1093	s	Min	-102.11	-22.53	-13.11	-0.55	-1.86	-0.56	26.1	1.9	17.17	5.69	5.84	**25.00**
1744	428	1138	s	Min	-60.25	-37.17	-9.62	-1.44	-1.07	-0.11	38.4	1.8	10.13	5.26	8.61	**21.43**
1744	428	1093	slu	Max	-37.75	40.86	-2.52	1.26	2.48	1.15	40.9	2.8	6.35	8.17	9.18	**21.53**
1744	428	1138	slu	Max	114.14	-13.22	13.77	0.77	3.70	0.50	19.1	3.8	19.20	11.09	4.28	**31.18**
1744	428	1093	slu	Min	-114.14	13.22	-12.00	0.01	-0.05	0.19	17.9	0.1	19.20	0.16	4.00	**20.56**
1744	428	1138	slu	Min	37.75	-40.86	4.28	0.43	1.43	0.10	41.1	1.5	6.35	4.39	9.21	**19.24**
1745	429	1139	s	Max	17.41	0.95	3.29	1.40	3.69	3.44	3.4	3.9	2.93	11.58	0.77	**14.57**
1745	429	1101	s	Max	12.83	1.21	2.49	1.41	6.17	3.26	2.8	6.3	2.16	18.58	0.62	**20.76**
1745	429	1139	s	Min	-12.83	-1.21	0.05	-1.10	-0.46	-2.53	1.2	1.2	2.16	3.50	0.27	**5.67**
1745	429	1101	s	Min	-17.41	-0.95	-0.75	-1.63	-3.57	-2.70	1.2	3.9	2.93	11.53	0.27	**14.46**
1745	429	1139	slu	Max	6.14	-0.15	3.48	0.56	3.47	1.58	3.5	3.5	1.03	10.31	0.78	**11.42**
1745	429	1101	slu	Max	-2.29	0.46	0.83	-0.23	7.82	0.97	0.9	7.8	0.38	22.95	0.21	**23.34**
1745	429	1139	slu	Min	2.29	-0.46	1.87	0.30	1.80	0.56	1.9	1.8	0.38	5.37	0.43	**5.80**
1745	429	1101	slu	Min	-6.14	0.15	-0.24	-0.47	3.19	0.26	0.3	3.2	1.03	9.48	0.06	**10.51**
1746	430	840	s	Max	305.88	0.67	53.20	0.83	3.58	1.91	53.2	3.7	51.44	10.77	11.93	**65.55**
1746	430	838	s	Max	335.80	0.67	47.84	1.38	4.65	1.77	47.8	4.9	56.47	14.25	10.73	**73.12**
1746	430	840	s	Min	-335.80	-0.67	-45.28	-0.83	-0.90	-1.91	45.3	1.2	56.47	3.59	10.15	**62.58**
1746	430	838	s	Min	-305.88	-0.67	-50.64	-1.38	-2.69	-1.77	50.6	3.0	51.44	8.88	11.35	**63.44**
1746	430	840	slu	Max	-15.67	0.06	16.77	0.13	2.59	0.00	16.8	2.6	2.63	7.61	3.76	**12.14**
1746	430	838	slu	Max	88.81	0.00	-1.73	0.00	6.88	0.04	1.7	6.9	14.94	20.20	0.39	**35.14**
1746	430	840	slu	Min	-88.81	0.00	4.29	0.00	1.44	-0.36	4.3	1.4	14.94	4.22	0.96	**19.23**
1746	430	838	slu	Min	15.67	-0.06	-13.44	-0.18	2.11	0.00	13.4	2.1	2.63	6.23	3.01	**10.28**
1747	431	841	s	Max	4.65	46.41	31.79	2.27	1.69	5.06	56.3	2.8	0.78	8.32	12.61	**23.67**
1747	431	1101	s	Max	3.81	62.45	22.74	1.58	3.85	4.27	66.5	4.2	0.64	12.22	14.90	**28.84**
1747	431	841	s	Min	-3.81	-62.45	-21.73	-4.06	-1.61	-4.38	66.1	4.4	0.64	12.83	14.83	**29.00**
1747	431	1101	s	Min	-4.65	-46.41	-30.78	-2.65	-3.13	-3.27	55.7	4.1	0.78	12.05	12.49	**25.15**
1747	431	841	slu	Max	1.97	-22.10	31.93	1.37	0.18	1.91	38.8	1.4	0.33	4.05	8.71	**15.70**
1747	431	1101	slu	Max	-0.97	65.60	-11.32	-0.54	2.19	2.16	66.6	2.3	0.16	6.62	14.93	**26.73**

1747	431	841	slu	Min	0.97	-65.60	12.64	-1.65	-0.60	0.81	66.8	1.8	0.16	5.17	14.98	**26.49**
1747	431	1101	slu	Min	-1.97	22.10	-30.91	-1.98	0.93	1.13	38.0	2.2	0.33	6.41	8.52	**16.23**
1748	432	840	s	Max	4.18	10.30	41.72	0.65	2.85	4.55	43.0	2.9	0.70	8.57	9.64	**19.10**
1748	432	1093	s	Max	6.79	52.61	8.10	1.99	3.74	3.84	53.2	4.2	1.14	12.44	11.94	**24.73**
1748	432	840	s	Min	-6.79	-52.61	-6.94	-2.25	-5.04	-7.39	53.1	5.5	1.14	16.21	11.90	**26.94**
1748	432	1093	s	Min	-4.18	-10.30	-40.56	-1.61	-5.61	-6.20	41.8	5.8	0.70	17.14	9.38	**24.13**
1748	432	840	slu	Max	-1.99	-45.87	68.66	-0.17	-1.68	-2.09	82.6	1.7	0.33	4.95	18.51	**32.50**
1748	432	1093	slu	Max	4.76	86.77	-35.60	0.56	-1.43	-1.89	93.8	1.5	0.80	4.49	21.03	**36.81**
1748	432	840	slu	Min	-4.76	-86.77	37.11	-1.43	-3.86	-5.11	94.4	4.1	0.80	12.09	21.16	**38.85**
1748	432	1093	slu	Min	1.99	45.87	-67.15	-1.40	-3.56	-4.41	81.3	3.8	0.33	11.23	18.23	**33.63**
1749	433	841	s	Max	5.26	291.12	39.78	1.25	1.79	6.57	293.8	2.2	0.88	6.40	65.88	**114.34**
1749	433	1125	s	Max	4.39	252.77	44.32	4.23	3.32	3.96	256.6	5.4	0.74	15.78	57.54	**101.03**
1749	433	841	s	Min	-4.39	-252.77	-43.39	-3.19	-2.17	-5.56	256.5	3.9	0.74	11.33	57.51	**100.33**
1749	433	1125	s	Min	-5.26	-291.12	-38.85	-5.35	-2.66	-3.24	293.7	6.0	0.88	17.54	65.85	**115.54**
1749	433	841	slu	Max	2.41	100.85	0.53	0.53	-0.41	3.01	100.9	0.7	0.41	1.98	22.61	**39.24**
1749	433	1125	slu	Max	-1.05	-5.51	14.54	-1.58	1.80	1.81	15.6	2.4	0.18	7.04	3.49	**9.41**
1749	433	841	slu	Min	1.05	5.51	-13.33	-2.00	-1.08	1.23	14.4	2.3	0.18	6.68	3.23	**8.86**
1749	433	1125	slu	Min	-2.41	-100.85	0.40	-3.90	0.79	0.86	100.8	4.0	0.41	11.68	22.61	**40.99**
1750	434	1102	s	Max	2.32	99.02	7.04	15.02	3.45	3.04	99.3	15.4	0.39	45.24	22.26	**59.74**
1750	434	1103	s	Max	1.54	131.16	9.47	3.10	4.63	1.90	131.5	5.6	0.26	16.35	29.49	**53.71**
1750	434	1102	s	Min	-1.54	-131.16	-8.55	-11.03	-4.63	-2.57	131.4	12.0	0.26	35.13	29.47	**62.11**
1750	434	1103	s	Min	-2.32	-99.02	-6.12	-2.23	-3.45	-0.81	99.2	4.1	0.39	12.05	22.24	**40.49**
1750	434	1102	slu	Max	2.15	-49.44	-3.00	17.66	0.56	2.65	49.5	17.7	0.36	51.86	11.10	**55.65**
1750	434	1103	slu	Max	-0.05	299.71	11.55	4.63	1.13	2.51	299.9	4.8	0.01	13.98	67.25	**117.32**
1750	434	1102	slu	Min	0.05	-299.71	-10.42	5.89	-1.13	0.81	299.9	6.0	0.01	17.59	67.24	**117.79**
1750	434	1103	slu	Min	-2.15	49.44	4.19	1.30	-0.56	-2.54	49.6	1.4	0.36	4.16	11.12	**19.79**
1751	435	838	s	Max	0.69	268.48	3.81	3.56	1.89	1.59	268.5	4.0	0.12	11.82	60.21	**104.96**
1751	435	1101	s	Max	1.25	225.77	2.15	1.61	2.18	0.56	225.8	2.7	0.21	7.95	50.63	**88.07**
1751	435	838	s	Min	-1.25	-225.77	-1.23	-5.54	-2.18	-2.31	225.8	5.9	0.21	17.47	50.62	**89.45**
1751	435	1101	s	Min	-0.69	-268.48	-2.89	-2.94	-1.89	-0.98	268.5	3.5	0.12	10.25	60.20	**104.79**
1751	435	838	slu	Max	-0.26	30.43	2.33	1.20	-0.23	-0.18	30.5	1.2	0.04	3.59	6.84	**12.40**
1751	435	1101	slu	Max	0.73	224.78	0.53	-1.04	1.08	-0.35	224.8	1.5	0.12	4.39	50.40	**87.41**
1751	435	838	slu	Min	-0.73	-224.78	0.67	-1.88	-1.08	-0.91	224.8	2.2	0.12	6.36	50.40	**87.54**

1751	435	1101	slu	Min	0.26	-30.43	-1.13	-3.00	0.23	-1.14	30.5	3.0	0.04	8.85	6.83	**14.80**
1752	436	1101	s	Max	1.23	172.93	3.96	5.85	2.16	0.84	173.0	6.2	0.21	18.31	38.78	**69.68**
1752	436	1102	s	Max	2.16	189.53	2.50	2.67	3.29	1.90	189.5	4.2	0.36	12.42	42.50	**74.71**
1752	436	1101	s	Min	-2.16	-189.53	-1.58	-6.65	-3.29	-1.16	189.5	7.4	0.36	21.78	42.50	**76.87**
1752	436	1102	s	Min	-1.23	-172.93	-3.04	-4.78	-2.16	-3.44	173.0	5.2	0.21	15.41	38.78	**68.96**
1752	436	1101	slu	Max	-0.52	-32.95	2.34	3.44	-0.98	0.15	33.0	3.6	0.09	10.50	7.41	**16.63**
1752	436	1102	slu	Max	1.58	316.96	0.68	-3.00	1.72	-0.80	317.0	3.5	0.27	10.17	71.07	**123.54**
1752	436	1101	slu	Min	-1.58	-316.96	0.51	-0.48	-1.72	-0.24	317.0	1.8	0.27	5.25	71.07	**123.22**
1752	436	1102	slu	Min	0.52	32.95	-1.14	-6.18	0.98	-2.95	33.0	6.3	0.09	18.38	7.39	**22.47**
1753	437	841	s	Max	39.85	2.59	82.13	0.86	15.65	1.04	82.2	15.7	6.70	46.01	18.43	**61.62**
1753	437	838	s	Max	30.76	2.58	78.27	1.63	22.23	1.04	78.3	22.3	5.17	65.44	17.56	**76.89**
1753	437	841	s	Min	-30.76	-2.58	-77.83	-0.86	-11.42	-1.04	77.9	11.5	5.17	33.63	17.46	**49.20**
1753	437	838	s	Min	-39.85	-2.59	-81.70	-1.63	-17.82	-1.04	81.7	17.9	6.70	52.55	18.33	**67.22**
1753	437	841	slu	Max	18.96	0.00	6.48	1.48	7.54	0.00	6.5	7.7	3.19	22.56	1.45	**25.87**
1753	437	838	slu	Max	-10.07	2.07	16.33	0.49	10.47	0.44	16.5	10.5	1.69	30.76	3.69	**33.08**
1753	437	841	slu	Min	10.07	-2.07	-15.89	0.00	4.32	-0.44	16.0	4.3	1.69	12.68	3.59	**15.66**
1753	437	838	slu	Min	-18.96	0.00	-5.92	0.00	5.25	0.00	5.9	5.3	3.19	15.42	1.33	**18.75**
1754	438	840	s	Max	8.39	159.56	70.43	0.45	1.23	9.57	174.4	1.3	1.41	3.83	39.11	**67.94**
1754	438	1139	s	Max	10.68	272.76	40.51	2.86	3.55	7.24	275.8	4.6	1.80	13.38	61.83	**108.16**
1754	438	840	s	Min	-10.68	-272.76	-39.56	-2.17	-2.14	-12.49	275.6	3.0	1.80	8.95	61.80	**107.58**
1754	438	1139	s	Min	-8.39	-159.56	-69.48	-2.10	-3.83	-8.90	174.0	4.4	1.41	12.82	39.02	**69.07**
1754	438	840	slu	Max	-1.93	18.99	44.20	-0.70	-0.74	-2.25	48.1	1.0	0.33	2.98	10.79	**18.97**
1754	438	1139	slu	Max	4.75	164.39	4.08	0.43	-0.15	-1.27	164.4	0.5	0.80	1.33	36.87	**63.90**
1754	438	840	slu	Min	-4.75	-164.39	-3.13	-1.72	-1.80	-5.74	164.4	2.5	0.80	7.32	36.87	**64.37**
1754	438	1139	slu	Min	1.93	-18.99	-42.96	-1.73	-0.68	-3.75	47.0	1.9	0.33	5.46	10.53	**19.14**
1755	439	1139	s	Max	9.05	2.34	7.57	1.91	1.99	1.93	7.9	2.8	1.52	8.10	1.78	**10.10**
1755	439	1093	s	Max	15.57	3.94	25.33	2.50	7.63	1.45	25.6	8.0	2.62	23.57	5.75	**28.02**
1755	439	1139	s	Min	-15.57	-3.94	-24.85	-0.71	-5.06	-1.45	25.2	5.1	2.62	14.99	5.64	**20.14**
1755	439	1093	s	Min	-9.05	-2.34	-7.09	-2.03	-11.35	-1.93	7.5	11.5	1.52	33.86	1.67	**35.50**
1755	439	1139	slu	Max	-4.15	-0.13	-16.67	1.58	-1.64	0.89	16.7	2.3	0.70	6.71	3.74	**9.84**
1755	439	1093	slu	Max	8.45	2.53	30.32	1.05	-2.49	-0.27	30.4	2.7	1.42	7.94	6.82	**15.08**
1755	439	1139	slu	Min	-8.45	-2.53	-29.70	0.06	-3.40	0.27	29.8	3.4	1.42	9.99	6.68	**16.26**
1755	439	1093	slu	Min	4.15	0.13	17.29	-0.31	-5.39	-0.89	17.3	5.4	0.70	15.85	3.88	**17.86**

1756	440	840	s	Max	9.36	3.12	94.20	1.93	7.37	0.56	94.2	7.6	1.57	22.37	21.13	**43.74**
1756	440	821	s	Max	18.01	3.12	163.96	2.94	7.25	0.56	164.0	7.8	3.03	22.97	36.77	**68.79**
1756	440	840	s	Min	-18.01	-3.12	-163.25	-1.93	-14.05	-0.56	163.3	14.2	3.03	41.64	36.61	**77.56**
1756	440	821	s	Min	-9.36	-3.12	-93.48	-2.94	-14.06	-0.56	93.5	14.4	1.57	42.17	20.97	**56.86**
1756	440	840	slu	Max	-4.54	1.54	-35.81	0.01	-3.49	0.00	35.8	3.5	0.76	10.25	8.04	**17.75**
1756	440	821	slu	Max	15.39	0.01	125.24	0.01	-3.59	0.14	125.2	3.6	2.59	10.54	28.08	**50.38**
1756	440	840	slu	Min	-15.39	-0.01	-124.31	-0.73	-11.92	-0.14	124.3	11.9	2.59	35.06	27.87	**61.23**
1756	440	821	slu	Min	4.54	-1.54	36.53	-1.66	-12.09	0.00	36.6	12.2	0.76	35.82	8.20	**39.24**
1757	441	840	s	Max	521.23	1.49	26.18	2.15	16.25	4.69	26.2	16.4	87.65	48.12	5.88	**136.16**
1757	441	1140	s	Max	466.43	1.49	28.42	2.05	13.53	1.43	28.5	13.7	78.44	40.19	6.38	**119.14**
1757	441	840	s	Min	-466.43	-1.49	-27.33	-2.15	-14.30	-4.68	27.4	14.5	78.44	42.45	6.14	**121.36**
1757	441	1140	s	Min	-521.23	-1.49	-25.09	-2.05	-13.99	-1.43	25.1	14.1	87.65	41.53	5.64	**129.55**
1757	441	840	slu	Max	116.73	2.14	1.13	2.47	6.70	6.44	2.4	7.1	19.63	20.96	0.54	**40.60**
1757	441	1140	slu	Max	5.23	0.01	7.48	0.01	1.21	0.00	7.5	1.2	0.88	3.54	1.68	**5.29**
1757	441	840	slu	Min	-5.23	-0.01	-6.06	-0.01	0.26	-0.02	6.1	0.3	0.88	0.76	1.36	**2.87**
1757	441	1140	slu	Min	-116.73	-2.14	-0.03	-2.32	-1.27	-1.35	2.1	2.6	19.63	7.75	0.48	**27.40**
1758	442	1141	s	Max	27.16	1.45	1.05	1.13	5.98	1.40	1.8	6.1	4.57	17.86	0.40	**22.44**
1758	442	840	s	Max	239.07	1.45	9.08	1.11	10.48	3.24	9.2	10.5	40.20	30.93	2.06	**71.22**
1758	442	1141	s	Min	-239.07	-1.45	-8.39	-1.13	-0.95	-1.40	8.5	1.5	40.20	4.33	1.91	**44.66**
1758	442	840	s	Min	-27.16	-1.45	-0.36	-1.11	-1.28	-3.25	1.5	1.7	4.57	4.98	0.34	**9.57**
1758	442	1141	slu	Max	-129.73	0.00	-4.32	0.00	7.84	0.36	4.3	7.8	21.82	23.02	0.97	**44.87**
1758	442	840	slu	Max	347.45	0.20	11.91	0.10	12.91	0.00	11.9	12.9	58.43	37.90	2.67	**96.44**
1758	442	1141	slu	Min	-347.45	-0.20	-11.01	-0.10	3.21	0.00	11.0	3.2	58.43	9.44	2.47	**68.01**
1758	442	840	slu	Min	129.73	0.00	5.01	0.00	5.12	-0.67	5.0	5.1	21.82	15.03	1.12	**36.90**
1759	443	841	s	Max	26.86	1.16	1.74	0.98	4.95	3.27	2.1	5.0	4.52	14.81	0.47	**19.34**
1759	443	1141	s	Max	238.76	1.16	7.24	1.13	0.95	1.40	7.3	1.5	40.15	4.33	1.64	**44.57**
1759	443	841	s	Min	-238.76	-1.16	-5.40	-0.98	-5.48	-3.27	5.5	5.6	40.15	16.35	1.24	**56.54**
1759	443	1141	s	Min	-26.86	-1.16	0.09	-1.13	-5.98	-1.40	1.2	6.1	4.52	17.86	0.26	**22.38**
1759	443	841	slu	Max	-129.73	0.00	-2.48	0.00	1.92	0.00	2.5	1.9	21.82	5.63	0.56	**27.46**
1759	443	1141	slu	Max	347.45	0.20	11.01	0.10	-3.21	0.00	11.0	3.2	58.43	9.44	2.47	**68.01**
1759	443	841	slu	Min	-347.45	-0.20	-8.62	-0.08	-0.04	-0.45	8.6	0.1	58.43	0.26	1.93	**58.79**
1759	443	1141	slu	Min	129.73	0.00	4.32	0.00	-7.84	-0.36	4.3	7.8	21.82	23.02	0.97	**44.87**
1760	444	839	s	Max	176.83	0.76	17.46	3.01	21.74	3.32	17.5	22.0	29.74	64.45	3.92	**94.43**

1760	444	841	s	Max	501.48	0.76	37.17	3.34	5.72	1.71	37.2	6.6	84.33	19.45	8.34	**104.78**
1760	444	839	s	Min	-501.48	-0.76	-34.11	-3.01	-28.40	-3.32	34.1	28.6	84.33	83.83	7.65	**168.69**
1760	444	841	s	Min	-176.83	-0.76	-14.41	-3.34	-10.38	-1.71	14.4	10.9	29.74	32.02	3.24	**62.01**
1760	444	839	slu	Max	-151.70	0.00	-5.93	0.01	-5.75	0.01	5.9	5.8	25.51	16.89	1.33	**42.46**
1760	444	841	slu	Max	529.91	0.46	33.46	1.97	-5.83	0.00	33.5	6.2	89.11	18.07	7.50	**107.97**
1760	444	839	slu	Min	-529.91	-0.46	-29.49	-1.76	-12.63	-1.91	29.5	12.8	89.11	37.45	6.61	**127.09**
1760	444	841	slu	Min	151.70	0.00	8.98	-0.01	-12.94	-1.17	9.0	12.9	25.51	37.99	2.01	**63.59**
1761	445	821	s	Max	1.78	188.03	4.82	2.70	0.63	2.32	188.1	2.8	0.30	8.13	42.17	**73.53**
1761	445	1093	s	Max	3.23	63.38	2.84	2.26	0.82	1.25	63.4	2.4	0.54	7.07	14.22	**25.79**
1761	445	821	s	Min	-3.23	-63.38	-1.92	-5.75	-0.82	-4.08	63.4	5.8	0.54	17.06	14.22	**30.27**
1761	445	1093	s	Min	-1.78	-188.03	-3.90	-3.17	-0.63	-2.39	188.1	3.2	0.30	9.50	42.17	**73.69**
1761	445	821	slu	Max	-1.00	116.23	3.76	-1.25	0.44	-1.12	116.3	1.3	0.17	3.90	26.08	**45.35**
1761	445	1093	slu	Max	2.35	152.52	-0.72	-0.98	0.18	-0.87	152.5	1.0	0.39	2.93	34.20	**59.33**
1761	445	821	slu	Min	-2.35	-152.52	1.91	-3.43	-0.18	-2.82	152.5	3.4	0.39	10.08	34.20	**60.16**
1761	445	1093	slu	Min	1.00	-116.23	-2.84	-3.63	-0.44	-1.88	116.3	3.7	0.17	10.74	26.07	**46.45**
1765	446	1101	s	Max	88.83	0.64	13.58	1.05	4.50	1.76	13.6	4.6	14.94	13.56	3.05	**28.99**
1765	446	1098	s	Max	-2.35	0.49	1.01	1.45	1.88	0.83	1.1	2.4	0.40	6.97	0.25	**7.37**
1765	446	1101	s	Min	2.35	-0.49	0.85	-1.31	-2.95	-1.40	1.0	3.2	0.40	9.47	0.22	**9.87**
1765	446	1098	s	Min	-88.83	-0.64	-11.73	-1.28	-4.50	-0.59	11.7	4.7	14.94	13.73	2.63	**29.03**
1765	446	1101	slu	Max	185.90	0.17	28.17	-0.27	2.12	0.46	28.2	2.1	31.26	6.28	6.32	**39.10**
1765	446	1098	slu	Max	-83.91	-0.01	-10.84	0.44	-4.16	0.24	10.8	4.2	14.11	12.28	2.43	**26.72**
1765	446	1101	slu	Min	83.91	0.01	13.25	-0.47	-1.55	0.02	13.3	1.6	14.11	4.76	2.97	**19.56**
1765	446	1098	slu	Min	-185.90	-0.17	-25.76	0.19	-9.58	-0.03	25.8	9.6	31.26	28.14	5.78	**60.24**
1766	447	1098	s	Max	90.97	4.05	10.43	1.10	4.50	2.51	11.2	4.6	15.30	13.59	2.51	**29.21**
1766	447	1093	s	Max	1.45	2.00	4.57	1.49	8.42	3.62	5.0	8.5	0.24	25.09	1.12	**25.41**
1766	447	1098	s	Min	-1.45	-2.00	-3.88	-1.48	-1.88	-1.29	4.4	2.4	0.24	7.01	0.98	**7.45**
1766	447	1093	s	Min	-90.97	-4.05	-9.74	-1.51	-2.86	-1.75	10.5	3.2	15.30	9.50	2.36	**25.13**
1766	447	1098	slu	Max	182.93	4.76	7.74	-0.40	9.58	3.20	9.1	9.6	30.76	28.16	2.04	**59.03**
1766	447	1093	slu	Max	-82.53	-2.06	-1.93	0.05	17.04	4.25	2.8	17.0	13.88	50.04	0.63	**63.93**
1766	447	1098	slu	Min	82.53	2.06	2.83	-0.87	4.16	1.23	3.5	4.2	13.88	12.47	0.79	**26.39**
1766	447	1093	slu	Min	-182.93	-4.76	-6.83	-0.12	7.93	1.87	8.3	7.9	30.76	23.30	1.87	**54.16**
1767	448	1105	s	Max	164.24	0.62	39.08	2.98	12.55	3.46	39.1	12.9	27.62	37.88	8.76	**67.23**
1767	448	1102	s	Max	38.99	0.52	10.55	3.83	8.98	0.99	10.6	9.8	6.56	28.67	2.37	**35.46**

1767	448	1105	s	Min	-38.99	-0.52	-7.43	-3.49	-22.17	-2.97	7.5	22.4	6.56	65.88	1.67	**72.49**
1767	448	1102	s	Min	-164.24	-0.62	-35.97	-3.45	-14.95	-0.81	36.0	15.3	27.62	45.05	8.07	**74.00**
1767	448	1105	slu	Max	261.38	0.23	60.60	0.76	-8.65	1.28	60.6	8.7	43.96	25.49	13.59	**73.32**
1767	448	1102	slu	Max	-109.45	-0.09	-23.19	0.30	-6.29	0.67	23.2	6.3	18.41	18.49	5.20	**37.98**
1767	448	1105	slu	Min	109.45	0.09	27.24	-0.52	-14.70	0.39	27.2	14.7	18.41	43.19	6.11	**62.50**
1767	448	1102	slu	Min	-261.38	-0.23	-56.55	-0.97	-12.69	0.03	56.6	12.7	43.96	37.37	12.68	**84.24**
1768	449	1102	s	Max	104.73	0.14	16.10	1.41	6.73	0.27	16.1	6.9	17.61	20.18	3.61	**38.31**
1768	449	1099	s	Max	32.49	0.14	6.16	2.08	3.40	0.62	6.2	4.0	5.46	11.71	1.38	**17.34**
1768	449	1102	s	Min	-32.49	-0.14	-4.31	-2.09	-4.37	-0.55	4.3	4.8	5.46	14.23	0.97	**19.77**
1768	449	1099	s	Min	-104.73	-0.14	-14.24	-1.39	-6.48	-0.33	14.2	6.6	17.61	19.46	3.19	**37.49**
1768	449	1102	slu	Max	153.20	0.45	23.81	-0.77	2.83	0.90	23.8	2.9	25.76	8.62	5.34	**35.60**
1768	449	1099	slu	Max	-64.93	0.12	-8.20	1.31	-4.56	0.91	8.2	4.7	10.92	13.94	1.84	**25.06**
1768	449	1102	slu	Min	64.93	-0.12	10.61	-1.41	-1.47	-0.82	10.6	2.0	10.92	5.99	2.38	**17.40**
1768	449	1099	slu	Min	-153.20	-0.45	-21.40	0.77	-10.49	0.17	21.4	10.5	25.76	30.89	4.80	**57.26**
1770	451	1106	s	Max	41.17	0.30	12.28	4.39	7.61	1.34	12.3	8.8	6.92	25.81	2.75	**33.08**
1770	451	1103	s	Max	13.25	0.64	5.45	3.01	9.72	0.84	5.5	10.2	2.23	29.89	1.23	**32.19**
1770	451	1106	s	Min	-13.25	-0.64	-2.34	-3.20	-12.43	-2.89	2.4	12.8	2.23	37.70	0.54	**39.94**
1770	451	1103	s	Min	-41.17	-0.30	-9.17	-3.74	-11.48	-1.50	9.2	12.1	6.92	35.44	2.06	**42.52**
1770	451	1106	slu	Max	106.28	-0.26	25.03	13.87	-3.94	-1.06	25.0	14.4	17.87	42.32	5.61	**60.97**
1770	451	1103	slu	Max	-22.48	0.48	-3.64	-1.13	-0.39	55.40	3.7	1.2	3.78	3.51	0.82	**7.43**
1770	451	1106	slu	Min	22.48	-50.78	7.69	1.53	-6.13	-54.93	51.4	6.3	3.78	18.54	11.52	**29.93**
1770	451	1103	slu	Min	-106.28	-50.92	-21.92	-13.96	-4.72	-1.04	55.4	14.7	17.87	43.27	12.43	**64.82**
1775	456	1144	s	Max	31.93	11.20	4.86	2.69	2.51	0.71	12.2	3.7	5.37	10.79	2.74	**16.84**
1775	456	1093	s	Max	91.31	30.92	11.41	1.48	4.35	1.03	33.0	4.6	15.35	13.51	7.39	**31.57**
1775	456	1144	s	Min	-91.31	-30.92	-9.96	-2.86	-3.69	-1.10	32.5	4.7	15.35	13.70	7.28	**31.68**
1775	456	1093	s	Min	-31.93	-11.20	-3.40	-0.97	-4.04	-1.17	11.7	4.2	5.37	12.19	2.62	**18.14**
1775	456	1144	slu	Max	-53.36	-17.71	-4.55	0.09	1.13	0.08	18.3	1.1	8.97	3.33	4.10	**14.21**
1775	456	1093	slu	Max	137.65	46.24	14.90	0.87	3.25	0.84	48.6	3.4	23.15	9.89	10.89	**38.05**
1775	456	1144	slu	Min	-137.65	-46.24	-13.01	-2.44	-1.07	-0.37	48.0	2.7	23.15	7.83	10.77	**36.16**
1775	456	1093	slu	Min	53.36	17.71	6.44	-0.10	0.73	-0.13	18.8	0.7	8.97	2.15	4.23	**13.32**
1776	457	1144	s	Max	161.43	51.09	17.38	2.34	3.26	0.98	54.0	4.0	27.15	11.77	12.10	**44.21**
1776	457	821	s	Max	154.13	53.60	17.77	0.94	0.95	1.00	56.5	1.3	25.92	3.92	12.66	**37.03**
1776	457	1144	s	Min	-154.13	-53.60	-16.32	-2.61	-5.59	-0.85	56.0	6.2	25.92	18.12	12.56	**49.12**

1776	457	821	s	Min	-161.43	-51.09	-15.93	-1.85	-2.09	-0.94	53.5	2.8	27.15	8.20	12.00	**41.00**
1776	457	1144	slu	Max	11.64	21.13	1.48	-0.02	-1.72	0.13	21.2	1.7	1.96	5.04	4.75	**10.80**
1776	457	821	slu	Max	62.49	3.96	8.23	1.20	0.86	0.06	9.1	1.5	10.51	4.34	2.05	**15.27**
1776	457	1144	slu	Min	-62.49	-3.96	-6.34	-2.61	-3.93	-0.63	7.5	4.7	10.51	13.86	1.68	**24.54**
1776	457	821	slu	Min	-11.64	-21.13	0.41	-0.60	-0.48	-0.32	21.1	0.8	1.96	2.25	4.74	**9.22**
1777	458	1092	s	Max	159.24	51.23	19.51	3.00	6.37	1.27	54.8	7.0	26.78	20.67	12.29	**52.00**
1777	458	1144	s	Max	152.41	53.92	16.41	3.58	4.29	1.01	56.4	5.6	25.63	16.40	12.64	**47.39**
1777	458	1092	s	Min	-152.41	-53.92	-14.96	-1.70	-1.25	-0.56	56.0	2.1	25.63	6.18	12.55	**38.53**
1777	458	1144	s	Min	-159.24	-51.23	-18.05	-2.63	-2.33	-0.52	54.3	3.5	26.78	10.31	12.18	**42.67**
1777	458	1092	slu	Max	11.19	21.02	3.88	1.00	4.65	0.73	21.4	4.8	1.88	13.96	4.79	**17.88**
1777	458	1144	slu	Max	62.99	4.10	6.02	3.27	2.86	0.42	7.3	4.3	10.59	12.75	1.63	**23.52**
1777	458	1092	slu	Min	-62.99	-4.10	-4.13	-1.57	2.45	0.17	5.8	2.9	10.59	8.53	1.31	**19.26**
1777	458	1144	slu	Min	-11.19	-21.02	-1.99	0.74	1.39	0.08	21.1	1.6	1.88	4.62	4.73	**10.46**
1778	459	819	s	Max	35.87	11.77	5.27	2.02	5.57	0.67	12.9	5.9	6.03	17.39	2.89	**23.95**
1778	459	1144	s	Max	94.77	31.31	9.50	2.04	3.26	0.83	32.7	3.8	15.94	11.28	7.34	**30.04**
1778	459	819	s	Min	-94.77	-31.31	-8.04	-3.45	-1.19	-1.02	32.3	3.6	15.94	10.71	7.25	**29.46**
1778	459	1144	s	Min	-35.87	-11.77	-3.81	-2.54	-1.71	-1.07	12.4	3.1	6.03	8.98	2.77	**15.76**
1778	459	819	slu	Max	-52.90	-17.57	-3.18	-0.87	3.94	0.15	17.9	4.0	8.90	11.85	4.00	**21.87**
1778	459	1144	slu	Max	137.00	45.94	13.89	1.78	1.33	0.24	48.0	2.2	23.04	6.54	10.76	**34.96**
1778	459	819	slu	Min	-137.00	-45.94	-12.41	-2.92	2.84	-0.28	47.6	4.1	23.04	11.96	10.67	**39.58**
1778	459	1144	slu	Min	52.90	17.57	5.07	-0.56	-0.06	-0.18	18.3	0.6	8.90	1.67	4.10	**12.73**
1779	460	1145	s	Max	109.56	40.87	7.56	2.49	2.20	0.57	41.6	3.3	18.42	9.74	9.32	**32.46**
1779	460	1092	s	Max	89.62	33.41	7.29	2.38	3.27	1.16	34.2	4.0	15.07	11.89	7.67	**30.05**
1779	460	1145	s	Min	-89.62	-33.41	-5.99	-1.96	-2.42	-0.66	33.9	3.1	15.07	9.15	7.61	**27.57**
1779	460	1092	s	Min	-109.56	-40.87	-6.26	-1.61	-6.53	-0.93	41.3	6.7	18.42	19.74	9.27	**41.40**
1779	460	1145	slu	Max	22.65	8.48	1.66	0.70	0.64	0.86	8.6	0.9	3.81	2.78	1.94	**7.39**
1779	460	1092	slu	Max	69.63	27.11	7.26	1.84	-2.37	1.46	28.1	3.0	11.71	8.81	6.29	**23.24**
1779	460	1145	slu	Min	-69.63	-27.11	-5.95	-0.93	-0.19	-0.08	27.8	0.9	11.71	2.78	6.22	**18.06**
1779	460	1092	slu	Min	-22.65	-8.48	0.04	0.37	-4.41	0.23	8.5	4.4	3.81	12.99	1.90	**17.12**
1780	461	1145	s	Max	176.77	41.22	12.31	2.16	2.67	1.21	43.0	3.4	29.73	10.08	9.65	**43.17**
1780	461	819	s	Max	111.74	65.19	8.77	1.75	3.71	1.23	65.8	4.1	18.79	12.06	14.75	**40.05**
1780	461	1145	s	Min	-111.74	-65.19	-7.46	-2.37	-3.04	-1.89	65.6	3.9	18.79	11.30	14.71	**39.43**
1780	461	819	s	Min	-176.77	-41.22	-11.00	-3.03	-7.60	-1.97	42.7	8.2	29.73	24.02	9.57	**56.24**

1780	461	1145	slu	Max	65.67	3.83	4.93	-0.02	0.88	-0.69	6.2	0.9	11.04	2.59	1.40	**13.85**
1780	461	819	slu	Max	8.67	24.20	2.45	1.41	-0.30	-0.74	24.3	1.4	1.46	4.24	5.45	**11.03**
1780	461	1145	slu	Min	-8.67	-24.20	-0.75	-1.51	-0.31	-1.43	24.2	1.5	1.46	4.54	5.43	**11.15**
1780	461	819	slu	Min	-65.67	-3.83	-3.23	-1.14	-4.60	-1.48	5.0	4.7	11.04	13.90	1.12	**25.02**
1781	462	1146	s	Max	41.45	0.39	4.89	2.13	4.33	1.09	4.9	4.8	6.97	14.16	1.10	**21.22**
1781	462	1102	s	Max	31.38	0.34	3.39	1.38	8.67	0.83	3.4	8.8	5.28	25.78	0.76	**31.09**
1781	462	1146	s	Min	-31.38	-0.34	-0.86	-1.42	-1.54	-0.91	0.9	2.1	5.28	6.15	0.21	**11.43**
1781	462	1102	s	Min	-41.45	-0.39	-2.36	-2.08	-5.31	-1.25	2.4	5.7	6.97	16.75	0.54	**23.73**
1781	462	1146	slu	Max	10.45	0.18	3.86	1.37	2.30	0.53	3.9	2.7	1.76	7.86	0.87	**9.74**
1781	462	1102	slu	Max	1.42	0.17	0.98	-0.78	8.40	0.42	1.0	8.4	0.24	24.78	0.22	**25.02**
1781	462	1146	slu	Min	-1.42	-0.17	2.31	0.79	0.35	-0.18	2.3	0.9	0.24	2.54	0.52	**2.92**
1781	462	1102	slu	Min	-10.45	-0.18	-0.56	-1.38	3.02	-0.92	0.6	3.3	1.76	9.75	0.13	**11.51**
1782	463	1139	s	Max	1.29	26.11	36.67	0.50	1.06	1.91	45.0	1.2	0.22	3.45	10.09	**17.86**
1782	463	1094	s	Max	1.65	70.64	13.36	3.67	1.57	1.28	71.9	4.0	0.28	11.73	16.12	**30.39**
1782	463	1139	s	Min	-1.65	-70.64	-12.32	-1.56	-1.10	-1.93	71.7	1.9	0.28	5.62	16.08	**28.47**
1782	463	1094	s	Min	-1.29	-26.11	-35.64	-2.93	-1.91	-1.99	44.2	3.5	0.22	10.25	9.91	**20.10**
1782	463	1139	slu	Max	0.05	-45.90	49.26	0.51	0.33	0.57	67.3	0.6	0.01	1.79	15.10	**26.21**
1782	463	1094	slu	Max	1.29	92.47	-23.56	0.16	0.03	-0.32	95.4	0.2	0.22	0.49	21.40	**37.07**
1782	463	1139	slu	Min	-1.29	-92.47	24.91	-1.03	0.00	-0.47	95.8	1.0	0.22	3.02	21.47	**37.33**
1782	463	1094	slu	Min	-0.05	45.90	-47.92	-3.29	-1.54	-2.10	66.4	3.6	0.01	10.67	14.88	**27.89**
1783	464	1147	s	Max	3.71	16.71	24.70	0.07	3.08	5.42	29.8	3.1	0.62	9.04	6.69	**15.09**
1783	464	1123	s	Max	2.07	28.53	14.66	1.58	5.13	3.42	32.1	5.4	0.35	15.77	7.19	**20.37**
1783	464	1147	s	Min	-2.07	-28.53	-13.47	-0.77	-2.24	-2.87	31.5	2.4	0.35	6.95	7.07	**14.26**
1783	464	1123	s	Min	-3.71	-16.71	-23.50	-1.25	-3.24	-2.70	28.8	3.5	0.62	10.20	6.47	**15.57**
1783	464	1147	slu	Max	2.75	-12.66	23.97	0.44	2.07	4.41	27.1	2.1	0.46	6.21	6.08	**12.47**
1783	464	1123	slu	Max	-0.48	27.44	-10.02	0.09	2.52	1.10	29.2	2.5	0.08	7.41	6.55	**13.59**
1783	464	1147	slu	Min	0.48	-27.44	11.57	-0.58	0.93	2.34	29.8	1.1	0.08	3.21	6.68	**12.02**
1783	464	1123	slu	Min	-2.75	12.66	-22.42	-0.63	-1.07	-1.75	25.7	1.2	0.46	3.64	5.77	**10.81**
1784	465	823	s	Max	2.02	37.36	37.59	0.70	1.51	1.76	53.0	1.7	0.34	4.90	11.88	**21.24**
1784	465	1092	s	Max	3.38	29.16	48.01	1.55	4.02	2.38	56.2	4.3	0.57	12.64	12.59	**25.50**
1784	465	823	s	Min	-3.38	-29.16	-46.54	-1.09	-2.92	-3.22	54.9	3.1	0.57	9.15	12.31	**23.44**
1784	465	1092	s	Min	-2.02	-37.36	-36.12	-0.82	-6.03	-3.66	52.0	6.1	0.34	17.87	11.65	**27.18**
1784	465	823	slu	Max	-1.12	7.22	1.43	0.59	-0.96	-1.11	7.4	1.1	0.19	3.32	1.65	**4.52**

1784	465	1092	slu	Max	2.74	0.71	10.73	0.94	-1.83	-1.13	10.8	2.1	0.46	6.05	2.41	**7.73**
1784	465	823	slu	Min	-2.74	-0.71	-8.82	-0.18	-2.38	-2.69	8.8	2.4	0.46	7.00	1.98	**8.21**
1784	465	1092	slu	Min	1.12	-7.22	0.49	-0.01	-5.21	-3.16	7.2	5.2	0.19	15.29	1.62	**15.73**
1785	466	1148	s	Max	16.04	0.62	3.64	2.05	4.66	2.24	3.7	5.1	2.70	14.93	0.83	**17.69**
1785	466	1094	s	Max	22.91	0.76	3.07	2.46	8.16	2.28	3.2	8.5	3.85	25.02	0.71	**28.89**
1785	466	1148	s	Min	-22.91	-0.76	-0.32	-2.31	-2.13	-1.76	0.8	3.1	3.85	9.22	0.18	**13.08**
1785	466	1094	s	Min	-16.04	-0.62	-0.90	-2.17	-8.65	-1.94	1.1	8.9	2.70	26.18	0.24	**28.88**
1785	466	1148	slu	Max	-5.16	0.04	3.38	0.09	3.68	2.03	3.4	3.7	0.87	10.81	0.76	**11.75**
1785	466	1094	slu	Max	14.21	0.70	1.29	1.80	5.58	2.12	1.5	5.9	2.39	17.21	0.33	**19.61**
1785	466	1148	slu	Min	-14.21	-0.70	2.03	-1.66	0.47	-0.08	2.1	1.7	2.39	5.05	0.48	**7.49**
1785	466	1094	slu	Min	5.16	-0.04	-0.63	-0.10	-0.17	-0.15	0.6	0.2	0.87	0.59	0.14	**1.48**
1786	467	1147	s	Max	16.91	1.32	6.71	1.37	3.59	6.27	6.8	3.8	2.84	11.29	1.53	**14.38**
1786	467	1093	s	Max	30.01	1.88	4.03	3.07	4.46	4.94	4.4	5.4	5.05	15.89	1.00	**21.01**
1786	467	1147	s	Min	-30.01	-1.88	-1.25	-1.21	-0.52	-4.20	2.3	1.3	5.05	3.87	0.51	**8.96**
1786	467	1093	s	Min	-16.91	-1.32	-3.92	-2.64	-5.14	-3.67	4.1	5.8	2.84	16.97	0.93	**19.88**
1786	467	1147	slu	Max	-10.68	-0.38	6.46	0.25	3.02	5.82	6.5	3.0	1.80	8.90	1.45	**10.99**
1786	467	1093	slu	Max	23.09	1.78	-0.35	2.95	2.82	4.78	1.8	4.1	3.88	11.99	0.41	**15.89**
1786	467	1147	slu	Min	-23.09	-1.78	3.97	-1.11	1.79	1.46	4.3	2.1	3.88	6.17	0.97	**10.20**
1786	467	1093	slu	Min	10.68	0.38	-2.84	0.21	-0.01	0.81	2.9	0.2	1.80	0.63	0.64	**2.67**
1787	468	1149	s	Max	48.56	1.82	63.82	1.25	3.52	6.00	63.8	3.7	8.17	10.96	14.31	**31.31**
1787	468	1092	s	Max	170.98	2.07	18.73	3.68	2.09	5.01	18.8	4.2	28.75	12.41	4.23	**41.81**
1787	468	1149	s	Min	-170.98	-2.07	-16.13	-0.97	-0.96	-5.51	16.3	1.4	28.75	4.01	3.65	**33.36**
1787	468	1092	s	Min	-48.56	-1.82	-61.21	-3.46	-6.05	-4.16	61.2	7.0	8.17	20.45	13.73	**37.21**
1787	468	1149	slu	Max	-99.58	-0.05	71.06	0.26	1.59	3.44	71.1	1.6	16.75	4.72	15.93	**34.96**
1787	468	1092	slu	Max	189.19	1.27	-34.84	2.60	-2.93	3.29	34.9	3.9	31.82	11.51	7.82	**45.39**
1787	468	1149	slu	Min	-189.19	-1.27	38.22	-0.11	1.06	-0.23	38.2	1.1	31.82	3.14	8.57	**37.98**
1787	468	1092	slu	Min	99.58	0.05	-67.68	0.01	-5.22	0.46	67.7	5.2	16.75	15.34	15.17	**41.48**
1788	469	796	s	Max	111.46	1.08	214.81	1.09	37.89	2.57	214.8	37.9	18.74	111.29	48.17	**154.50**
1788	469	819	s	Max	343.51	1.08	75.82	3.43	12.52	3.24	75.8	13.0	57.77	38.11	17.00	**100.30**
1788	469	796	s	Min	-343.51	-1.08	-72.98	-1.09	-31.15	-2.57	73.0	31.2	57.77	91.50	16.37	**151.94**
1788	469	819	s	Min	-111.46	-1.08	-211.97	-3.43	-14.64	-3.24	212.0	15.0	18.74	44.15	47.53	**103.60**
1788	469	796	slu	Max	-124.19	0.00	226.96	1.05	12.33	3.65	227.0	12.4	20.89	36.32	50.89	**105.08**
1788	469	819	slu	Max	374.16	1.38	-72.10	3.31	0.84	3.66	72.1	3.4	62.92	10.03	16.17	**78.14**

1788	469	796	slu	Min	-374.16	-1.38	74.93	0.00	0.30	0.00	74.9	0.3	62.92	0.87	16.80	**70.12**
1788	469	819	slu	Min	124.19	0.00	-223.27	0.00	-2.87	0.00	223.3	2.9	20.89	8.44	50.06	**91.53**
1789	470	823	s	Max	311.53	1.01	191.23	0.89	4.75	2.82	191.2	4.8	52.39	14.18	42.88	**99.74**
1789	470	821	s	Max	603.71	1.01	98.97	2.76	1.25	3.24	99.0	3.0	101.52	8.91	22.19	**116.93**
1789	470	823	s	Min	-603.71	-1.01	-96.09	-0.89	0.24	-2.82	96.1	0.9	101.52	2.71	21.55	**110.72**
1789	470	821	s	Min	-311.53	-1.01	-188.36	-2.76	-1.86	-3.23	188.4	3.3	52.39	9.78	42.23	**96.00**
1789	470	823	slu	Max	-150.16	0.00	162.47	0.00	5.44	3.52	162.5	5.4	25.25	15.96	36.43	**75.37**
1789	470	821	slu	Max	508.81	1.26	-46.01	3.25	1.75	3.97	46.0	3.7	85.57	10.83	10.32	**98.04**
1789	470	823	slu	Min	-508.81	-1.26	48.89	-0.90	2.46	-0.01	48.9	2.6	85.57	7.68	10.97	**95.16**
1789	470	821	slu	Min	150.16	0.00	-158.74	-0.01	-0.02	-0.01	158.7	0.0	25.25	0.07	35.59	**66.65**
1790	471	1146	s	Max	2.79	138.93	56.27	4.78	2.49	2.70	149.9	5.4	0.47	15.82	33.61	**60.45**
1790	471	1096	s	Max	3.06	199.30	38.51	1.25	3.94	2.90	203.0	4.1	0.52	12.15	45.51	**79.84**
1790	471	1146	s	Min	-3.06	-199.30	-37.56	-7.92	-2.50	-3.00	202.8	8.3	0.52	24.37	45.47	**82.60**
1790	471	1096	s	Min	-2.79	-138.93	-55.32	-2.24	-4.08	-3.14	149.5	4.7	0.47	13.66	33.53	**59.77**
1790	471	1146	slu	Max	0.74	66.11	18.94	4.82	-0.08	1.16	68.8	4.8	0.12	14.16	15.42	**30.29**
1790	471	1096	slu	Max	0.14	66.08	19.21	-1.00	1.24	0.53	68.8	1.6	0.02	4.66	15.43	**27.13**
1790	471	1146	slu	Min	-0.14	-66.08	-18.26	-2.35	-0.86	-0.18	68.6	2.5	0.02	7.34	15.37	**27.62**
1790	471	1096	slu	Min	-0.74	-66.11	-17.71	-1.75	0.01	-0.10	68.4	1.8	0.12	5.14	15.35	**27.10**
1791	472	1139	s	Max	1.65	143.90	53.33	0.34	1.35	2.17	153.5	1.4	0.28	4.10	34.41	**59.76**
1791	472	1146	s	Max	1.63	210.70	35.71	4.82	0.92	1.54	213.7	4.9	0.27	14.42	47.92	**84.29**
1791	472	1139	s	Min	-1.63	-210.70	-34.76	-1.53	-1.20	-1.88	213.5	1.9	0.27	5.71	47.88	**83.15**
1791	472	1146	s	Min	-1.65	-143.90	-52.38	-4.14	-1.07	-1.78	153.1	4.3	0.28	12.54	34.34	**60.84**
1791	472	1139	slu	Max	0.13	72.69	19.92	-0.03	0.33	0.82	75.4	0.3	0.02	0.99	16.90	**29.29**
1791	472	1146	slu	Max	0.93	69.72	17.24	-0.10	-0.03	-0.15	71.8	0.1	0.16	0.29	16.10	**27.90**
1791	472	1139	slu	Min	-0.93	-69.72	-16.29	-1.29	-0.01	-0.11	71.6	1.3	0.16	3.79	16.05	**28.08**
1791	472	1146	slu	Min	-0.13	-72.69	-18.68	-4.24	-0.50	-1.75	75.1	4.3	0.02	12.54	16.83	**31.74**
1792	473	1146	s	Max	27.66	5.50	5.58	3.72	3.40	1.56	7.8	5.0	4.65	14.79	1.76	**19.68**
1792	473	1094	s	Max	37.43	11.98	11.88	2.90	12.47	1.18	16.9	12.8	6.29	37.59	3.78	**44.37**
1792	473	1146	s	Min	-37.43	-11.98	-11.65	-1.98	-6.03	-1.18	16.7	6.4	6.29	18.64	3.75	**25.77**
1792	473	1094	s	Min	-27.66	-5.50	-5.34	-1.27	-14.92	-1.56	7.7	15.0	4.65	43.95	1.72	**48.69**
1792	473	1146	slu	Max	0.56	6.76	-1.29	1.65	0.46	0.27	6.9	1.7	0.09	5.05	1.54	**5.79**
1792	473	1094	slu	Max	10.31	6.58	4.43	1.77	0.34	0.16	7.9	1.8	1.73	5.29	1.78	**7.67**
1792	473	1146	slu	Min	-10.31	-6.58	-4.12	-1.76	-2.19	-0.16	7.8	2.8	1.73	8.26	1.74	**10.44**

1792	473	1094	slu	Min	-0.56	-6.76	1.53	-1.75	-5.83	-0.27	6.9	6.1	0.09	17.86	1.55	**18.16**
1793	474	1147	s	Max	3.04	39.11	27.50	0.86	2.76	3.88	47.8	2.9	0.51	8.49	10.72	**20.63**
1793	474	1148	s	Max	2.72	67.49	15.85	2.54	3.10	3.18	69.3	4.0	0.46	11.76	15.54	**29.56**
1793	474	1147	s	Min	-2.72	-67.49	-14.85	-1.32	-1.86	-2.50	69.1	2.3	0.46	6.69	15.49	**27.77**
1793	474	1148	s	Min	-3.04	-39.11	-26.51	-1.75	-3.73	-3.91	47.2	4.1	0.51	12.09	10.59	**22.26**
1793	474	1147	slu	Max	0.74	14.92	9.86	0.59	1.67	2.74	17.9	1.8	0.12	5.20	4.01	**8.75**
1793	474	1148	slu	Max	2.74	22.12	6.78	0.44	-0.52	-0.54	23.1	0.7	0.46	1.99	5.19	**9.31**
1793	474	1147	slu	Min	-2.74	-22.12	-5.79	-0.43	0.66	-0.48	22.9	0.8	0.46	2.31	5.13	**9.30**
1793	474	1148	slu	Min	-0.74	-14.92	-8.57	-0.90	-3.76	-5.00	17.2	3.9	0.12	11.36	3.86	**13.29**
1794	475	823	s	Max	9.91	27.22	27.69	1.49	2.58	11.06	38.8	3.0	1.67	8.75	8.71	**18.32**
1794	475	1147	s	Max	18.32	67.63	11.55	1.98	6.17	8.77	68.6	6.5	3.08	19.03	15.38	**34.63**
1794	475	823	s	Min	-18.32	-67.63	-10.55	-1.29	-4.53	-20.68	68.4	4.7	3.08	13.83	15.35	**31.50**
1794	475	1147	s	Min	-9.91	-27.22	-26.69	-0.79	-11.23	-15.97	38.1	11.3	1.67	33.05	8.55	**37.74**
1794	475	823	slu	Max	-6.74	-5.23	16.40	1.09	-1.52	-7.59	17.2	1.9	1.13	5.49	3.86	**9.41**
1794	475	1147	slu	Max	14.28	40.29	-0.83	0.99	-4.09	-5.88	40.3	4.2	2.40	12.36	9.04	**21.52**
1794	475	823	slu	Min	-14.28	-40.29	1.82	0.27	-3.53	-16.19	40.3	3.5	2.40	10.41	9.04	**20.24**
1794	475	1147	slu	Min	6.74	5.23	-15.10	0.31	-8.37	-12.37	16.0	8.4	1.13	24.58	3.58	**26.45**
1795	476	1148	s	Max	23.16	2.76	4.01	1.31	2.10	2.10	4.9	2.5	3.89	7.26	1.09	**11.31**
1795	476	1123	s	Max	15.52	3.76	10.49	2.95	17.73	1.51	11.1	18.0	2.61	52.78	2.50	**55.55**
1795	476	1148	s	Min	-15.52	-3.76	-10.11	-0.50	-3.47	-1.51	10.8	3.5	2.61	10.31	2.42	**13.58**
1795	476	1123	s	Min	-23.16	-2.76	-3.63	-2.92	-9.99	-2.10	4.6	10.4	3.89	30.56	1.02	**34.50**
1795	476	1148	slu	Max	14.71	2.56	-3.15	0.70	1.07	1.31	4.1	1.3	2.47	3.75	0.91	**6.42**
1795	476	1123	slu	Max	-6.00	0.90	4.65	0.05	11.61	-0.16	4.7	11.6	1.01	34.08	1.06	**35.13**
1795	476	1148	slu	Min	6.00	-0.90	-4.15	-0.73	-1.02	0.16	4.2	1.3	1.01	3.69	0.95	**4.98**
1795	476	1123	slu	Min	-14.71	-2.56	3.57	-1.56	6.03	-1.31	4.4	6.2	2.47	18.28	0.98	**20.82**
1796	477	1147	s	Max	10.15	1.75	3.45	1.13	4.39	3.09	3.9	4.5	1.71	13.32	0.87	**15.11**
1796	477	1092	s	Max	7.42	1.41	18.41	1.51	12.54	1.89	18.5	12.6	1.25	37.09	4.14	**39.00**
1796	477	1147	s	Min	-7.42	-1.41	-17.64	-1.33	-4.15	-1.89	17.7	4.4	1.25	12.79	3.97	**15.63**
1796	477	1092	s	Min	-10.15	-1.75	-2.68	-1.88	-8.24	-3.09	3.2	8.5	1.71	24.81	0.72	**26.55**
1796	477	1147	slu	Max	5.31	1.19	-12.51	-0.10	2.17	2.39	12.6	2.2	0.89	6.38	2.82	**8.76**
1796	477	1092	slu	Max	-2.38	-0.18	22.64	-0.20	6.69	-0.96	22.6	6.7	0.40	19.64	5.08	**21.88**
1796	477	1147	slu	Min	2.38	0.18	-21.64	-0.85	0.58	0.96	21.6	1.0	0.40	3.02	4.85	**9.07**
1796	477	1092	slu	Min	-5.31	-1.19	13.51	-1.33	3.27	-2.39	13.6	3.5	0.89	10.36	3.04	**12.43**

1797	478	823	s	Max	2.49	0.47	78.43	0.44	2.79	0.46	78.4	2.8	0.42	8.29	17.59	**31.68**
1797	478	819	s	Max	5.37	0.47	141.37	0.77	3.48	0.46	141.4	3.6	0.90	10.46	31.70	**56.07**
1797	478	823	s	Min	-5.37	-0.47	-140.22	-0.44	-5.69	-0.46	140.2	5.7	0.90	16.74	31.44	**57.25**
1797	478	819	s	Min	-2.49	-0.47	-77.28	-0.77	-7.77	-0.46	77.3	7.8	0.42	22.92	17.33	**38.02**
1797	478	823	slu	Max	-1.46	0.00	-35.08	0.09	-1.34	0.43	35.1	1.3	0.25	3.95	7.86	**14.25**
1797	478	819	slu	Max	5.12	0.16	108.51	0.30	-2.30	0.00	108.5	2.3	0.86	6.82	24.33	**42.84**
1797	478	823	slu	Min	-5.12	-0.16	-107.02	0.00	-4.91	0.00	107.0	4.9	0.86	14.42	24.00	**44.28**
1797	478	819	slu	Min	1.46	0.00	36.22	0.00	-7.89	-0.43	36.2	7.9	0.25	23.17	8.12	**27.32**
1798	479	796	s	Max	808.47	3.33	186.80	0.56	69.54	8.50	186.8	69.5	135.96	204.17	41.89	**347.78**
1798	479	1150	s	Max	407.43	3.32	88.94	1.84	12.90	1.19	89.0	13.0	68.52	38.25	19.96	**112.22**
1798	479	796	s	Min	-407.43	-3.32	-87.89	-0.56	-52.82	-8.49	87.9	52.8	68.52	155.10	19.72	**226.21**
1798	479	1150	s	Min	-808.47	-3.33	-185.75	-1.84	-1.42	-1.19	185.8	2.3	135.96	6.82	41.66	**159.97**
1798	479	796	slu	Max	663.03	0.00	159.67	0.55	34.80	0.01	159.7	34.8	111.50	102.19	35.80	**222.50**
1798	479	1150	slu	Max	-191.38	0.30	-47.10	0.00	18.00	0.08	47.1	18.0	32.18	52.86	10.56	**86.98**
1798	479	796	slu	Min	191.38	-0.30	48.15	0.00	4.77	-0.74	48.2	4.8	32.18	14.00	10.80	**49.83**
1798	479	1150	slu	Min	-663.03	0.00	-158.30	-0.37	6.64	0.00	158.3	6.6	111.50	19.51	35.50	**144.72**
1799	480	1151	s	Max	995.12	3.04	82.93	1.59	28.78	3.22	83.0	28.8	167.35	84.64	18.61	**254.04**
1799	480	796	s	Max	604.09	3.04	134.19	1.08	29.52	7.53	134.2	29.5	101.59	86.72	30.10	**195.39**
1799	480	1151	s	Min	-604.09	-3.04	-133.53	-1.59	-35.88	-3.22	133.6	35.9	101.59	105.45	29.95	**213.44**
1799	480	796	s	Min	-995.12	-3.04	-82.27	-1.08	-27.75	-7.52	82.3	27.8	167.35	81.53	18.46	**250.93**
1799	480	1151	slu	Max	661.68	3.18	-20.66	0.74	-1.16	0.00	20.9	1.4	111.27	4.03	4.69	**115.59**
1799	480	796	slu	Max	-164.79	0.00	86.50	0.00	5.05	8.28	86.5	5.1	27.71	14.84	19.39	**54.21**
1799	480	1151	slu	Min	164.79	0.00	-85.64	0.00	-15.00	-3.77	85.6	15.0	27.71	44.03	19.20	**79.08**
1799	480	796	slu	Min	-661.68	-3.18	21.32	-0.10	-1.98	-0.01	21.6	2.0	111.27	5.82	4.83	**117.40**
1800	481	823	s	Max	994.26	2.98	84.81	2.92	22.97	8.40	84.9	23.1	167.20	67.96	19.03	**237.47**
1800	481	1151	s	Max	603.23	2.98	133.61	1.59	35.88	3.22	133.6	35.9	101.44	105.45	29.97	**213.31**
1800	481	823	s	Min	-603.23	-2.98	-131.82	-2.91	-20.24	-8.39	131.8	20.4	101.44	60.03	29.56	**169.39**
1800	481	1151	s	Min	-994.26	-2.98	-83.01	-1.59	-28.78	-3.22	83.1	28.8	167.20	84.64	18.63	**253.90**
1800	481	823	slu	Max	661.68	3.18	-18.86	2.20	8.97	8.58	19.1	9.2	111.27	27.12	4.29	**138.60**
1800	481	1151	slu	Max	-164.79	0.00	85.64	0.00	15.00	3.77	85.6	15.0	27.71	44.03	19.20	**79.08**
1800	481	823	slu	Min	164.79	0.00	-83.30	0.00	-0.14	-0.01	83.3	0.1	27.71	0.41	18.68	**42.87**
1800	481	1151	slu	Min	-661.68	-3.18	20.66	-0.74	1.16	0.00	20.9	1.4	111.27	4.03	4.69	**115.59**
1801	482	1140	s	Max	522.26	1.88	25.46	2.05	13.99	1.43	25.5	14.1	87.83	41.53	5.72	**129.73**

1801	482	823	s	Max	467.46	1.88	30.45	1.61	10.07	5.41	30.5	10.2	78.61	29.93	6.84	**109.19**
1801	482	1140	s	Min	-467.46	-1.88	-28.80	-2.05	-13.53	-1.43	28.9	13.7	78.61	40.19	6.47	**119.33**
1801	482	823	s	Min	-522.26	-1.88	-23.81	-1.62	-5.74	-5.41	23.9	6.0	87.83	17.51	5.35	**105.74**
1801	482	1140	slu	Max	116.73	2.14	0.03	2.32	1.27	1.35	2.1	2.6	19.63	7.75	0.48	**27.40**
1801	482	823	slu	Max	5.23	0.01	9.63	0.01	4.06	6.34	9.6	4.1	0.88	11.91	2.16	**13.32**
1801	482	1140	slu	Min	-5.23	-0.01	-7.48	-0.01	-1.21	0.00	7.5	1.2	0.88	3.54	1.68	**5.29**
1801	482	823	slu	Min	-116.73	-2.14	1.62	-1.80	2.84	-0.02	2.7	3.4	19.63	9.88	0.60	**29.53**
1802	483	1092	s	Max	1.81	52.52	3.27	1.73	3.06	1.67	52.6	3.5	0.30	10.31	11.80	**23.03**
1802	483	1123	s	Max	1.92	25.93	2.50	2.57	2.51	1.98	26.0	3.6	0.32	10.54	5.84	**14.85**
1802	483	1092	s	Min	-1.92	-25.93	-1.58	-3.03	-2.51	-1.65	26.0	3.9	0.32	11.55	5.82	**15.58**
1802	483	1123	s	Min	-1.81	-52.52	-2.35	-2.80	-3.06	-2.21	52.6	4.1	0.30	12.17	11.79	**23.92**
1802	483	1092	slu	Max	-0.10	21.10	1.82	-0.07	2.02	0.07	21.2	2.0	0.02	5.93	4.75	**10.15**
1802	483	1123	slu	Max	1.81	197.77	0.08	-0.39	-0.29	-0.23	197.8	0.5	0.30	1.43	44.34	**76.83**
1802	483	1092	slu	Min	-1.81	-197.77	0.96	-1.07	0.29	-1.44	197.8	1.1	0.30	3.26	44.35	**76.89**
1802	483	1123	slu	Min	0.10	-21.10	-0.88	-1.86	-2.02	-2.19	21.1	2.7	0.02	8.07	4.74	**11.52**
1803	484	819	s	Max	0.93	85.18	2.98	1.90	1.93	1.16	85.2	2.7	0.16	7.96	19.11	**34.08**
1803	484	1092	s	Max	1.90	67.96	2.44	2.15	2.17	0.71	68.0	3.1	0.32	8.97	15.25	**28.00**
1803	484	819	s	Min	-1.90	-67.96	-1.53	-2.84	-2.17	-2.37	68.0	3.6	0.32	10.50	15.24	**28.53**
1803	484	1092	s	Min	-0.93	-85.18	-2.06	-2.27	-1.93	-1.44	85.2	3.0	0.16	8.76	19.11	**34.27**
1803	484	819	slu	Max	-0.55	11.17	0.99	0.65	1.91	-0.63	11.2	2.0	0.09	5.92	2.51	**7.43**
1803	484	1092	slu	Max	1.38	185.62	0.54	-0.08	0.18	-0.47	185.6	0.2	0.23	0.59	41.62	**72.09**
1803	484	819	slu	Min	-1.38	-185.62	0.38	-0.70	-0.18	-1.71	185.6	0.7	0.23	2.14	41.62	**72.13**
1803	484	1092	slu	Min	0.55	-11.17	0.21	-0.49	-1.91	-1.04	11.2	2.0	0.09	5.79	2.51	**7.31**
1804	485	1094	s	Max	0.70	137.74	6.17	6.19	3.46	1.18	137.9	7.1	0.12	20.82	30.92	**57.50**
1804	485	1096	s	Max	0.95	94.00	3.78	1.57	3.37	0.56	94.1	3.7	0.16	10.92	21.09	**38.18**
1804	485	1094	s	Min	-0.95	-94.00	-2.86	-9.69	-3.37	-1.59	94.0	10.3	0.16	30.12	21.09	**47.44**
1804	485	1096	s	Min	-0.70	-137.74	-5.25	-2.85	-3.46	-0.63	137.8	4.5	0.12	13.16	30.91	**55.16**
1804	485	1094	slu	Max	-0.01	31.89	2.45	5.21	-0.13	0.45	32.0	5.2	0.00	15.31	7.17	**19.72**
1804	485	1096	slu	Max	0.35	185.70	2.28	-0.86	1.22	-0.04	185.7	1.5	0.06	4.39	41.64	**72.26**
1804	485	1094	slu	Min	-0.35	-185.70	-1.36	-2.52	-1.22	-0.26	185.7	2.8	0.06	8.22	41.64	**72.60**
1804	485	1096	slu	Min	0.01	-31.89	-1.26	-1.71	0.13	-0.47	31.9	1.7	0.00	5.04	7.16	**13.38**
1805	486	1093	s	Max	1.81	171.79	3.66	1.92	1.26	1.77	171.8	2.3	0.30	6.73	38.53	**67.10**
1805	486	1094	s	Max	2.18	100.11	2.51	3.42	1.27	1.87	100.1	3.7	0.37	10.72	22.45	**40.44**

1805	486	1093	s	Min	-2.18	-100.11	-1.59	-4.19	-1.27	-2.07	100.1	4.4	0.37	12.85	22.45	**41.07**
1805	486	1094	s	Min	-1.81	-171.79	-2.74	-3.45	-1.26	-2.31	171.8	3.7	0.30	10.78	38.52	**67.64**
1805	486	1093	slu	Max	-0.10	62.69	3.28	0.09	0.24	0.17	62.8	0.3	0.02	0.75	14.08	**24.39**
1805	486	1094	slu	Max	2.04	230.20	-0.26	-0.58	0.18	-0.36	230.2	0.6	0.34	1.79	51.62	**89.43**
1805	486	1093	slu	Min	-2.04	-230.20	1.45	-2.09	-0.18	-1.78	230.2	2.1	0.34	6.17	51.62	**89.64**
1805	486	1094	slu	Min	0.10	-62.69	-2.36	-4.74	-0.24	-2.30	62.7	4.7	0.02	13.93	14.07	**28.07**
1809	487	1093	s	Max	112.46	1.50	15.87	2.22	4.47	2.00	15.9	5.0	18.91	14.66	3.57	**34.13**
1809	487	1091	s	Max	56.52	1.36	6.41	2.03	3.56	1.59	6.6	4.1	9.50	12.04	1.47	**21.69**
1809	487	1093	s	Min	-56.52	-1.36	-5.31	-2.07	-7.14	-1.73	5.5	7.4	9.50	21.83	1.23	**31.41**
1809	487	1091	s	Min	-112.46	-1.50	-14.77	-2.22	-8.24	-1.53	14.8	8.5	18.91	25.06	3.33	**44.35**
1809	487	1093	slu	Max	128.80	0.12	28.24	2.15	-5.63	0.25	28.2	6.0	21.66	17.70	6.33	**40.86**
1809	487	1091	slu	Max	-50.50	0.49	-10.42	0.02	-7.16	0.04	10.4	7.2	8.49	21.01	2.34	**29.78**
1809	487	1093	slu	Min	50.50	-0.49	11.84	0.11	-14.58	-0.52	11.9	14.6	8.49	42.80	2.66	**51.50**
1809	487	1091	slu	Min	-128.80	-0.12	-26.82	-2.15	-16.01	-0.63	26.8	16.2	21.66	47.42	6.01	**69.86**
1810	488	1091	s	Max	116.70	0.78	12.04	2.20	8.24	1.18	12.1	8.5	19.63	25.05	2.71	**44.92**
1810	488	1092	s	Max	75.92	0.54	11.33	2.03	10.60	1.67	11.3	10.8	12.77	31.70	2.54	**44.68**
1810	488	1091	s	Min	-75.92	-0.54	-9.67	-2.07	-3.56	-0.79	9.7	4.1	12.77	12.09	2.17	**25.14**
1810	488	1092	s	Min	-116.70	-0.78	-10.38	-2.25	-3.14	-1.20	10.4	3.9	19.63	11.35	2.33	**31.24**
1810	488	1091	slu	Max	104.95	0.89	5.78	1.95	16.01	1.68	5.8	16.1	17.65	47.35	1.31	**65.04**
1810	488	1092	slu	Max	-35.36	-0.24	1.93	-0.07	16.52	1.51	1.9	16.5	5.95	48.51	0.44	**54.47**
1810	488	1091	slu	Min	35.36	0.24	0.23	-0.05	7.16	0.39	0.3	7.2	5.95	21.01	0.07	**26.96**
1810	488	1092	slu	Min	-104.95	-0.89	-3.62	-2.27	8.28	0.47	3.7	8.6	17.65	25.20	0.84	**42.87**
1811	489	1099	s	Max	118.62	4.31	12.42	1.10	6.48	3.58	13.1	6.6	19.95	19.30	2.95	**39.58**
1811	489	1094	s	Max	46.42	2.69	9.04	2.12	9.49	2.94	9.4	9.7	7.81	28.54	2.12	**36.53**
1811	489	1099	s	Min	-46.42	-2.69	-8.34	-1.98	-3.40	-2.44	8.8	3.9	7.81	11.56	1.97	**19.67**
1811	489	1094	s	Min	-118.62	-4.31	-11.72	-1.54	-3.94	-1.65	12.5	4.2	19.95	12.43	2.80	**32.74**
1811	489	1099	slu	Max	158.29	6.74	6.51	-0.95	10.49	5.05	9.4	10.5	26.62	30.94	2.10	**57.67**
1811	489	1094	slu	Max	-64.75	-1.53	0.61	0.85	16.57	5.11	1.6	16.6	10.89	48.71	0.37	**59.60**
1811	489	1099	slu	Min	64.75	1.53	0.30	-2.07	4.56	1.05	1.6	5.0	10.89	14.72	0.35	**25.61**
1811	489	1094	slu	Min	-158.29	-6.74	-5.60	0.50	7.34	1.25	8.8	7.4	26.62	21.61	1.96	**48.35**
1812	490	1094	s	Max	111.91	0.81	15.87	2.62	6.63	0.95	15.9	7.1	18.82	20.93	3.56	**40.23**
1812	490	1095	s	Max	57.56	1.01	6.63	2.22	6.13	1.03	6.7	6.5	9.68	19.12	1.50	**28.92**
1812	490	1094	s	Min	-57.56	-1.01	-5.54	-2.26	-9.00	-1.25	5.6	9.3	9.68	27.25	1.26	**36.99**

1812	490	1095	s	Min	-111.91	-0.81	-14.77	-2.53	-11.00	-1.20	14.8	11.3	18.82	33.14	3.32	**52.27**
1812	490	1094	slu	Max	130.57	-0.25	28.49	1.99	-5.19	-0.36	28.5	5.6	21.96	16.32	6.39	**39.84**
1812	490	1095	slu	Max	-47.52	1.81	-10.01	0.26	-7.43	-0.22	10.2	7.4	7.99	21.82	2.28	**30.07**
1812	490	1094	slu	Min	47.52	-1.81	11.43	0.18	-14.41	-2.21	11.6	14.4	7.99	42.32	2.60	**50.51**
1812	490	1095	slu	Min	-130.57	0.25	-27.06	-1.66	-16.27	-2.08	27.1	16.4	21.96	48.00	6.07	**70.74**
1813	491	1095	s	Max	139.43	0.61	12.65	2.54	11.00	1.11	12.7	11.3	23.45	33.15	2.84	**56.81**
1813	491	1123	s	Max	88.54	0.50	10.90	2.21	12.63	1.17	10.9	12.8	14.89	37.64	2.45	**52.70**
1813	491	1095	s	Min	-88.54	-0.50	-9.24	-2.25	-6.13	-0.83	9.3	6.5	14.89	19.16	2.07	**34.24**
1813	491	1123	s	Min	-139.43	-0.61	-10.99	-2.54	-5.46	-1.07	11.0	6.0	23.45	17.68	2.47	**41.35**
1813	491	1095	slu	Max	120.77	0.76	6.37	1.59	16.27	1.48	6.4	16.3	20.31	47.98	1.44	**68.34**
1813	491	1123	slu	Max	-43.49	-0.10	2.72	0.08	15.63	1.25	2.7	15.6	7.31	45.88	0.61	**53.20**
1813	491	1095	slu	Min	43.49	0.10	-1.06	-0.20	7.43	0.25	1.1	7.4	7.31	21.81	0.24	**29.13**
1813	491	1123	slu	Min	-120.77	-0.76	-4.21	-1.87	7.87	0.09	4.3	8.1	20.31	23.73	0.96	**44.07**
1816	494	1096	s	Max	111.13	0.50	22.94	2.95	24.11	0.70	22.9	24.3	18.69	71.31	5.14	**90.43**
1816	494	1097	s	Max	71.18	0.78	11.90	2.21	11.50	0.82	11.9	11.7	11.97	34.37	2.67	**46.57**
1816	494	1096	s	Min	-71.18	-0.78	-10.80	-2.22	-30.78	-0.91	10.8	30.9	11.97	90.59	2.43	**102.65**
1816	494	1097	s	Min	-111.13	-0.50	-21.84	-2.86	-20.25	-1.28	21.8	20.4	18.69	60.03	4.90	**79.17**
1816	494	1096	slu	Max	90.64	-0.34	15.79	2.55	20.63	-0.33	15.8	20.8	15.24	61.02	3.54	**76.51**
1816	494	1097	slu	Max	-28.12	4.14	4.59	0.57	1.59	3.93	6.2	1.7	4.73	4.96	1.39	**9.99**
1816	494	1096	slu	Min	28.12	-20.78	-3.49	0.44	-3.91	-10.72	21.1	3.9	4.73	11.54	4.72	**18.21**
1816	494	1097	slu	Min	-90.64	-15.06	-14.70	-1.78	-8.56	-4.73	21.0	8.7	15.24	25.66	4.72	**41.71**
1817	495	1100	s	Max	98.75	3.45	33.93	1.36	20.54	2.06	34.1	20.6	16.61	60.45	7.65	**78.19**
1817	495	1096	s	Max	57.86	3.17	37.91	3.03	36.73	3.22	38.0	36.9	9.73	108.20	8.53	**118.85**
1817	495	1100	s	Min	-57.86	-3.17	-37.21	-2.92	-13.67	-2.51	37.3	14.0	9.73	41.04	8.37	**52.80**
1817	495	1096	s	Min	-98.75	-3.45	-33.23	-1.52	-29.84	-2.35	33.4	29.9	16.61	87.72	7.49	**105.13**
1817	495	1100	slu	Max	88.87	8.89	25.49	-1.67	7.52	5.29	27.0	7.7	14.95	22.62	6.05	**39.00**
1817	495	1096	slu	Max	-28.01	-0.27	2.94	1.85	3.68	11.40	2.9	4.1	4.71	12.10	0.66	**16.85**
1817	495	1100	slu	Min	28.01	-2.64	-2.03	-3.54	-5.60	-0.43	3.3	6.6	4.71	19.45	0.75	**24.19**
1817	495	1096	slu	Min	-88.87	-20.16	-24.79	0.74	-22.49	0.83	32.0	22.5	14.95	66.08	7.16	**81.97**
1818	496	1103	s	Max	92.90	0.57	14.43	1.47	3.55	1.60	14.4	3.8	15.62	11.28	3.24	**27.48**
1818	496	1100	s	Max	47.26	0.24	6.34	2.90	13.56	1.15	6.3	13.9	7.95	40.71	1.42	**48.72**
1818	496	1103	s	Min	-47.26	-0.24	-4.48	-2.96	-4.34	-0.90	4.5	5.3	7.95	15.42	1.01	**23.43**
1818	496	1100	s	Min	-92.90	-0.57	-12.58	-1.59	-20.49	-0.54	12.6	20.6	15.62	60.34	2.82	**76.12**

1818	496	1103	slu	Max	106.22	0.29	16.91	1.31	4.06	0.55	16.9	4.3	17.86	12.52	3.79	**31.08**
1818	496	1100	slu	Max	-33.29	0.44	-4.56	2.84	5.55	16.34	4.6	6.2	5.60	18.31	1.03	**23.98**
1818	496	1103	slu	Min	33.29	-32.34	6.97	-2.70	0.33	-24.62	33.1	2.7	5.60	7.98	7.42	**18.70**
1818	496	1100	slu	Min	-106.22	-28.20	-14.59	-0.19	-7.53	-1.13	31.7	7.5	17.86	22.12	7.12	**41.84**
1825	503	1117	s	Max	174.11	41.05	13.23	2.70	3.97	1.15	43.1	4.8	29.28	14.09	9.67	**46.49**
1825	503	1145	s	Max	110.45	65.27	7.58	2.53	2.36	0.84	65.7	3.5	18.57	10.17	14.73	**38.44**
1825	503	1117	s	Min	-110.45	-65.27	-6.27	-2.21	-1.88	-0.84	65.6	2.9	18.57	8.53	14.70	**37.19**
1825	503	1145	s	Min	-174.11	-41.05	-11.93	-2.45	-2.80	-0.52	42.7	3.7	29.28	10.94	9.59	**43.51**
1825	503	1117	slu	Max	64.28	3.59	6.07	0.28	1.52	0.38	7.1	1.5	10.81	4.53	1.58	**15.58**
1825	503	1145	slu	Max	9.34	24.42	1.32	1.44	0.48	0.27	24.5	1.5	1.57	4.46	5.48	**11.25**
1825	503	1117	slu	Min	-9.34	-24.42	0.38	-0.70	0.13	-0.15	24.4	0.7	1.57	2.10	5.48	**10.17**
1825	503	1145	slu	Min	-64.28	-3.59	-4.38	-0.43	-1.98	-0.23	5.7	2.0	10.81	5.96	1.27	**16.91**
1826	504	791	s	Max	111.52	40.83	9.59	1.73	4.57	1.82	41.9	4.9	18.75	14.33	9.40	**36.88**
1826	504	1145	s	Max	90.21	33.12	6.21	2.08	2.33	1.71	33.7	3.1	15.17	9.18	7.56	**27.64**
1826	504	791	s	Min	-90.21	-33.12	-4.90	-3.10	-1.08	-1.42	33.5	3.3	15.17	9.65	7.51	**28.02**
1826	504	1145	s	Min	-111.52	-40.83	-8.29	-2.47	-1.31	-1.26	41.7	2.8	18.75	8.21	9.34	**31.44**
1826	504	791	slu	Max	24.05	8.70	3.91	-0.85	2.75	1.05	9.5	2.9	4.04	8.45	2.14	**13.03**
1826	504	1145	slu	Max	69.51	26.49	5.62	1.00	0.74	1.09	27.1	1.2	11.69	3.65	6.07	**18.60**
1826	504	791	slu	Min	-69.51	-26.49	-4.31	-1.60	2.01	0.46	26.8	2.6	11.69	7.54	6.02	**21.87**
1826	504	1145	slu	Min	-24.05	-8.70	-2.21	-0.40	-0.66	0.22	9.0	0.8	4.04	2.28	2.01	**7.22**
1827	505	1156	s	Max	131.14	49.64	8.44	2.84	4.06	0.24	50.4	5.0	22.05	14.55	11.29	**41.50**
1827	505	1117	s	Max	87.63	33.11	6.72	2.70	0.52	0.56	33.8	2.7	14.74	8.07	7.57	**26.31**
1827	505	1156	s	Min	-87.63	-33.11	-5.41	-2.68	-3.41	-0.42	33.5	4.3	14.74	12.74	7.52	**30.41**
1827	505	1117	s	Min	-131.14	-49.64	-7.14	-2.18	-2.90	-0.77	50.2	3.6	22.05	10.67	11.25	**38.08**
1827	505	1156	slu	Max	47.24	17.93	3.27	-0.01	2.36	0.69	18.2	2.4	7.94	6.93	4.09	**16.47**
1827	505	1117	slu	Max	21.74	8.42	2.30	0.74	-1.00	0.36	8.7	1.2	3.66	3.64	1.96	**8.05**
1827	505	1156	slu	Min	-21.74	-8.42	-0.60	-0.36	0.30	-0.17	8.4	0.5	3.66	1.37	1.89	**6.00**
1827	505	1117	slu	Min	-47.24	-17.93	-1.57	-0.05	-1.99	-0.20	18.0	2.0	7.94	5.85	4.04	**15.46**
1828	506	1156	s	Max	102.72	24.50	4.14	2.42	1.85	0.65	24.8	3.0	17.27	8.93	5.57	**27.93**
1828	506	791	s	Max	65.91	38.04	4.00	2.01	2.68	0.64	38.2	3.3	11.08	9.82	8.58	**25.64**
1828	506	1156	s	Min	-65.91	-38.04	-2.70	-2.76	-2.72	-1.07	38.1	3.9	11.08	11.39	8.55	**26.91**
1828	506	791	s	Min	-102.72	-24.50	-2.83	-3.49	-6.78	-1.12	24.7	7.6	17.27	22.38	5.53	**40.80**
1828	506	1156	slu	Max	37.58	17.35	1.60	-0.15	-0.23	-0.31	17.4	0.3	6.32	0.81	3.91	**9.83**

1828	506	791	slu	Max	44.86	13.81	3.61	0.03	-1.12	-0.49	14.3	1.1	7.54	3.28	3.20	**12.16**
1828	506	1156	slu	Min	-44.86	-13.81	-2.31	-0.47	-0.69	-0.92	14.0	0.8	7.54	2.44	3.14	**11.37**
1828	506	791	slu	Min	-37.58	-17.35	0.10	-1.38	-4.38	-1.04	17.3	4.6	6.32	13.49	3.89	**20.93**
1829	507	789	s	Max	131.62	48.70	8.23	2.08	5.95	1.22	49.4	6.3	22.14	18.49	11.08	**44.93**
1829	507	1156	s	Max	87.02	32.24	4.08	2.59	3.31	1.28	32.5	4.2	14.63	12.34	7.29	**29.78**
1829	507	789	s	Min	-87.02	-32.24	-2.77	-3.56	-1.72	-0.80	32.4	4.0	14.63	11.61	7.26	**29.10**
1829	507	1156	s	Min	-131.62	-48.70	-6.92	-2.87	-2.99	-0.80	49.2	4.1	22.14	12.17	11.03	**39.26**
1829	507	789	slu	Max	48.35	17.84	4.80	-0.35	3.89	1.08	18.5	3.9	8.13	11.47	4.14	**20.87**
1829	507	1156	slu	Max	21.35	8.51	0.91	0.03	0.10	1.20	8.6	0.1	3.59	0.30	1.92	**5.12**
1829	507	789	slu	Min	-21.35	-8.51	0.78	-1.20	1.40	0.47	8.5	1.8	3.59	5.42	1.92	**9.60**
1829	507	1156	slu	Min	-48.35	-17.84	-3.10	-0.26	-1.10	0.50	18.1	1.1	8.13	3.32	4.06	**13.44**
1830	508	1113	s	Max	100.04	23.80	6.94	2.24	3.81	0.73	24.8	4.4	16.82	12.97	5.56	**31.31**
1830	508	1156	s	Max	64.33	37.27	4.01	2.69	2.86	0.73	37.5	3.9	10.82	11.52	8.40	**26.66**
1830	508	1113	s	Min	-64.33	-37.27	-2.70	-1.73	-1.12	-0.81	37.4	2.1	10.82	6.04	8.38	**22.25**
1830	508	1156	s	Min	-100.04	-23.80	-5.63	-2.23	-2.95	-0.63	24.5	3.7	16.82	10.85	5.48	**29.26**
1830	508	1113	slu	Max	36.47	17.49	3.45	0.52	3.35	-0.14	17.8	3.4	6.13	9.95	4.00	**17.51**
1830	508	1156	slu	Max	44.44	13.71	1.97	0.70	0.39	0.07	13.9	0.8	7.47	2.34	3.11	**11.19**
1830	508	1113	slu	Min	-44.44	-13.71	-0.67	0.27	2.13	-1.10	13.7	2.2	7.47	6.31	3.08	**14.78**
1830	508	1156	slu	Min	-36.47	-17.49	-1.76	0.33	-0.87	-0.88	17.6	0.9	6.13	2.72	3.94	**11.18**
1831	509	1113	s	Max	125.78	42.27	5.64	3.35	0.89	0.55	42.6	3.5	21.15	10.17	9.56	**35.43**
1831	509	1157	s	Max	125.11	42.22	3.45	3.24	2.52	0.62	42.4	4.1	21.04	12.05	9.50	**36.95**
1831	509	1113	s	Min	-125.11	-42.22	-2.00	-1.98	-5.68	-0.85	42.3	6.0	21.04	17.67	9.48	**42.04**
1831	509	1157	s	Min	-125.78	-42.27	-4.19	-2.42	-4.20	-0.83	42.5	4.9	21.15	14.25	9.52	**39.05**
1831	509	1113	slu	Max	63.61	21.32	4.18	1.00	-2.35	0.05	21.7	2.6	10.70	7.50	4.87	**20.06**
1831	509	1157	slu	Max	5.16	1.89	-0.50	1.10	-0.43	0.26	2.0	1.2	0.87	3.46	0.44	**4.39**
1831	509	1113	slu	Min	-5.16	-1.89	2.38	0.11	-3.81	-0.30	3.0	3.8	0.87	11.20	0.68	**12.13**
1831	509	1157	slu	Min	-63.61	-21.32	-2.30	0.53	-1.42	-0.20	21.4	1.5	10.70	4.45	4.81	**17.28**
1832	510	789	s	Max	66.72	12.47	3.63	1.93	1.26	1.07	13.0	2.3	11.22	6.77	2.91	**18.68**
1832	510	1157	s	Max	37.60	22.23	1.32	1.95	1.60	1.13	22.3	2.5	6.32	7.41	4.99	**16.23**
1832	510	789	s	Min	-37.60	-22.23	0.13	-2.96	-4.50	-1.09	22.2	5.4	6.32	15.81	4.99	**23.76**
1832	510	1157	s	Min	-66.72	-12.47	-2.18	-2.35	-2.65	-1.18	12.7	3.5	11.22	10.40	2.84	**22.17**
1832	510	789	slu	Max	95.93	-8.79	4.67	-0.56	-1.73	-0.02	10.0	1.8	16.13	5.35	2.23	**21.82**
1832	510	1157	slu	Max	-26.20	32.37	-0.70	0.24	-0.14	-0.06	32.4	0.3	4.41	0.81	7.26	**13.61**

1832	510	789	slu	Min	26.20	-32.37	2.58	-0.84	-2.81	-0.71	32.5	2.9	4.41	8.60	7.28	**18.12**
1832	510	1157	slu	Min	-95.93	8.79	-2.79	-0.39	-0.80	-0.76	9.2	0.9	16.13	2.60	2.07	**19.07**
1833	511	1158	s	Max	182.52	0.85	51.65	1.69	1.00	2.79	51.7	2.0	30.69	5.77	11.58	**41.62**
1833	511	1109	s	Max	84.90	1.06	24.57	3.35	6.50	1.99	24.6	7.3	14.28	21.47	5.51	**37.00**
1833	511	1158	s	Min	-84.90	-1.06	-22.04	-2.01	-3.72	-3.40	22.1	4.2	14.28	12.41	4.95	**28.03**
1833	511	1109	s	Min	-182.52	-0.85	-49.12	-2.71	-2.73	-2.52	49.1	3.9	30.69	11.30	11.01	**46.13**
1833	511	1158	slu	Max	130.80	-0.02	37.36	0.59	-0.50	-0.08	37.4	0.8	22.00	2.27	8.38	**28.27**
1833	511	1109	slu	Max	-61.67	0.32	-15.16	0.59	5.36	0.05	15.2	5.4	10.37	15.84	3.40	**26.87**
1833	511	1158	slu	Min	61.67	-0.32	18.45	-0.30	-1.78	-0.97	18.5	1.8	10.37	5.30	4.14	**17.23**
1833	511	1109	slu	Min	-130.80	0.02	-34.07	-0.56	3.22	-0.70	34.1	3.3	22.00	9.58	7.64	**34.24**
1834	512	1149	s	Max	197.20	1.74	99.32	2.01	2.03	5.34	99.3	2.9	33.16	8.38	22.27	**56.69**
1834	512	1113	s	Max	72.57	2.10	36.86	4.64	6.95	3.90	36.9	8.4	12.20	24.53	8.28	**39.43**
1834	512	1149	s	Min	-72.57	-2.10	-34.13	-1.45	-4.22	-6.37	34.2	4.5	12.20	13.10	7.67	**28.57**
1834	512	1113	s	Min	-197.20	-1.74	-96.59	-4.22	-2.75	-4.80	96.6	5.0	33.16	14.80	21.66	**60.89**
1834	512	1149	slu	Max	195.77	0.15	99.52	0.89	-0.08	0.57	99.5	0.9	32.92	2.64	22.31	**52.52**
1834	512	1113	slu	Max	-98.70	0.56	-47.66	0.61	5.46	0.21	47.7	5.5	16.60	16.13	10.69	**37.60**
1834	512	1149	slu	Min	98.70	-0.56	51.21	-0.14	-1.30	-1.74	51.2	1.3	16.60	3.85	11.48	**28.52**
1834	512	1113	slu	Min	-195.77	-0.15	-95.97	-0.26	3.08	-1.24	96.0	3.1	32.92	9.06	21.52	**56.14**
1835	513	1158	s	Max	91.37	0.77	28.13	1.84	2.90	2.87	28.1	3.4	15.37	10.08	6.31	**27.69**
1835	513	1123	s	Max	193.19	0.90	13.66	2.75	4.46	2.60	13.7	5.2	32.49	15.39	3.07	**48.17**
1835	513	1158	s	Min	-193.19	-0.90	-11.20	-2.32	-0.47	-2.67	11.2	2.4	32.49	6.95	2.52	**39.68**
1835	513	1123	s	Min	-91.37	-0.77	-25.67	-2.17	-8.82	-2.09	25.7	9.1	15.37	26.65	5.76	**43.19**
1835	513	1158	slu	Max	-62.21	0.08	21.07	-0.01	1.50	1.53	21.1	1.5	10.46	4.41	4.73	**16.97**
1835	513	1123	slu	Max	141.85	0.55	-6.93	1.14	-3.64	1.38	7.0	3.8	23.85	11.21	1.56	**35.17**
1835	513	1158	slu	Min	-141.85	-0.55	10.14	-0.72	0.14	-0.40	10.2	0.7	23.85	2.14	2.28	**26.30**
1835	513	1123	slu	Min	62.21	-0.08	-17.87	0.03	-6.82	-0.03	17.9	6.8	10.46	20.02	4.01	**31.26**
1836	514	796	s	Max	249.59	1.07	173.07	0.82	33.81	2.67	173.1	33.8	41.97	99.29	38.81	**156.44**
1836	514	789	s	Max	53.93	1.07	31.86	3.89	22.10	3.02	31.9	22.4	9.07	65.86	7.15	**75.95**
1836	514	796	s	Min	-53.93	-1.07	-28.85	-0.82	-32.74	-2.67	28.9	32.7	9.07	96.15	6.47	**105.81**
1836	514	789	s	Min	-249.59	-1.07	-170.05	-3.89	-15.60	-3.01	170.1	16.1	41.97	47.21	38.13	**110.97**
1836	514	796	slu	Max	294.35	0.00	213.07	0.76	8.55	0.00	213.1	8.6	49.50	25.19	47.78	**111.47**
1836	514	789	slu	Max	-107.24	0.24	-76.77	0.18	9.86	0.00	76.8	9.9	18.03	28.95	17.21	**55.65**
1836	514	796	slu	Min	107.24	-0.24	79.78	0.00	-2.23	-0.71	79.8	2.2	18.03	6.56	17.89	**39.56**

1836	514	789	slu	Min	-294.35	0.00	-209.15	0.00	1.68	-0.58	209.1	1.7	49.50	4.94	46.90	**97.78**
1837	515	1148	s	Max	2.12	39.44	29.50	0.83	1.92	1.79	49.2	2.1	0.36	6.13	11.04	**20.20**
1837	515	1124	s	Max	2.57	66.68	17.05	0.38	4.06	2.83	68.8	4.1	0.43	11.99	15.43	**29.47**
1837	515	1148	s	Min	-2.57	-66.68	-16.06	-2.16	-2.44	-2.13	68.6	3.3	0.43	9.56	15.38	**28.45**
1837	515	1124	s	Min	-2.12	-39.44	-28.50	-1.24	-3.91	-3.37	48.7	4.1	0.36	12.05	10.91	**22.60**
1837	515	1148	slu	Max	1.24	13.05	10.22	2.70	-0.15	1.66	16.6	2.7	0.21	7.93	3.72	**10.38**
1837	515	1124	slu	Max	0.36	21.12	7.34	0.10	1.80	1.09	22.4	1.8	0.06	5.30	5.01	**10.20**
1837	515	1148	slu	Min	-0.36	-21.12	-6.34	-0.91	-0.94	-0.29	22.0	1.3	0.06	3.84	4.94	**9.41**
1837	515	1124	slu	Min	-1.24	-13.05	-8.93	-0.64	0.10	-0.43	15.8	0.7	0.21	1.91	3.55	**6.50**
1838	516	1149	s	Max	0.51	14.31	77.36	1.94	2.09	1.69	78.7	2.9	0.09	8.38	17.64	**31.71**
1838	516	1118	s	Max	0.43	65.14	17.13	2.91	2.46	2.59	67.4	3.8	0.07	11.18	15.10	**28.47**
1838	516	1149	s	Min	-0.43	-65.14	-15.70	-1.01	-2.00	-1.73	67.0	2.2	0.07	6.57	15.02	**26.86**
1838	516	1118	s	Min	-0.51	-14.31	-75.93	-3.00	-2.35	-2.38	77.3	3.8	0.09	11.19	17.33	**32.06**
1838	516	1149	slu	Max	0.25	-44.77	111.64	1.87	0.82	0.63	120.3	2.0	0.04	6.00	26.97	**47.10**
1838	516	1118	slu	Max	-0.08	94.81	-51.76	3.33	0.37	0.68	108.0	3.3	0.01	9.83	24.22	**43.09**
1838	516	1149	slu	Min	0.08	-94.81	53.62	0.98	0.09	-0.17	108.9	1.0	0.01	2.89	24.42	**42.40**
1838	516	1118	slu	Min	-0.25	44.77	-110.21	-0.25	-0.47	-0.34	119.0	0.5	0.04	1.56	26.67	**46.23**
1839	517	796	s	Max	17.17	19.94	205.38	2.81	44.43	18.77	206.3	44.5	2.89	130.70	46.27	**155.78**
1839	517	1117	s	Max	15.46	114.13	36.42	2.42	17.06	15.57	119.8	17.2	2.60	50.58	26.86	**70.66**
1839	517	796	s	Min	-15.46	-114.13	-34.53	-3.93	-39.89	-16.92	119.2	40.1	2.60	117.69	26.74	**128.90**
1839	517	1117	s	Min	-17.17	-19.94	-203.50	-2.01	-15.49	-14.01	204.5	15.6	2.89	45.87	45.85	**93.18**
1839	517	796	slu	Max	4.72	-78.64	258.46	2.57	12.48	5.14	270.2	12.7	0.79	37.42	60.58	**111.67**
1839	517	1117	slu	Max	0.92	143.62	-139.56	2.56	4.41	4.30	200.3	5.1	0.16	14.97	44.90	**79.23**
1839	517	796	slu	Min	-0.92	-143.62	142.01	-0.85	-1.60	-0.86	202.0	1.8	0.16	5.32	45.29	**78.63**
1839	517	1117	slu	Min	-4.72	78.64	-256.01	0.23	-1.70	-0.99	267.8	1.7	0.79	5.05	60.05	**104.18**
1840	518	796	s	Max	27.04	282.48	160.77	6.48	35.78	32.72	325.0	36.4	4.55	106.76	72.88	**168.30**
1840	518	1149	s	Max	25.04	272.92	160.10	4.30	9.01	21.37	316.4	10.0	4.21	29.30	70.95	**127.37**
1840	518	796	s	Min	-25.04	-272.92	-159.03	-13.45	-32.48	-30.23	315.9	35.2	4.21	103.20	70.83	**163.05**
1840	518	1149	s	Min	-27.04	-282.48	-159.70	-10.08	-9.92	-19.85	324.5	14.1	4.55	41.52	72.76	**134.18**
1840	518	796	slu	Max	5.95	8.77	234.31	-0.55	9.32	7.35	234.5	9.3	1.00	27.40	52.57	**95.39**
1840	518	1149	slu	Max	4.72	389.28	-0.09	-2.46	-0.33	4.56	389.3	2.5	0.79	7.29	87.29	**151.40**
1840	518	796	slu	Min	-4.72	-389.28	1.48	-9.15	-2.86	-5.12	389.3	9.6	0.79	28.14	87.29	**153.93**
1840	518	1149	slu	Min	-5.95	-8.77	-233.24	-8.58	-2.77	-4.32	233.4	9.0	1.00	26.48	52.34	**94.72**

1840	519	1149	s	Max	6.65	319.71	149.62	0.81	2.80	7.30	353.0	2.9	1.12	8.57	79.15	**137.43**
1840	519	1158	s	Max	7.36	254.77	186.53	5.32	5.75	6.79	315.8	7.8	1.24	22.99	70.80	**125.00**
1840	519	1149	s	Min	-7.36	-254.77	-185.46	-1.49	-3.12	-8.04	315.1	3.5	1.24	10.14	70.66	**122.91**
1840	519	1158	s	Min	-6.65	-319.71	-148.55	-8.31	-6.29	-7.48	352.5	10.4	1.12	30.59	79.05	**140.54**
1840	519	1149	slu	Max	0.03	60.60	173.05	0.86	0.05	0.10	183.4	0.9	0.01	2.53	41.11	**71.25**
1840	519	1158	slu	Max	1.81	292.26	35.10	2.88	0.00	-0.04	294.4	2.9	0.30	8.44	66.00	**114.66**
1840	519	1149	slu	Min	-1.81	-292.26	-33.71	-0.55	-0.84	-2.01	294.2	1.0	0.30	2.95	65.97	**114.30**
1840	519	1158	slu	Min	-0.03	-60.60	-171.98	-3.20	-1.69	-2.02	182.3	3.6	0.01	10.63	40.89	**71.61**
1840	520	1158	s	Max	16.82	318.60	158.17	10.45	1.54	13.05	355.7	10.6	2.83	31.01	79.76	**142.23**
1840	520	1119	s	Max	15.20	250.74	201.87	12.19	21.33	20.60	321.9	24.6	2.56	72.12	72.18	**145.62**
1840	520	1158	s	Min	-15.20	-250.74	-200.80	-7.80	-1.59	-11.75	321.2	8.0	2.56	23.38	72.03	**127.42**
1840	520	1119	s	Min	-16.82	-318.60	-157.10	-8.41	-19.34	-18.65	355.2	21.1	2.83	61.93	79.65	**152.40**
1840	520	1158	slu	Max	4.44	63.08	176.42	3.48	0.16	3.54	187.4	3.5	0.75	10.24	42.01	**73.59**
1840	520	1119	slu	Max	0.06	286.72	41.66	5.29	5.75	5.35	289.7	7.8	0.01	22.93	64.97	**114.84**
1840	520	1158	slu	Min	-0.06	-286.72	-40.27	-5.05	-0.45	0.05	289.5	5.1	0.01	14.87	64.92	**113.43**
1840	520	1119	slu	Min	-4.44	-63.08	-175.35	-4.57	0.01	-0.17	186.4	4.6	0.75	13.42	41.78	**73.75**
1841	521	1158	s	Max	14.42	1.78	26.56	2.12	6.68	1.86	26.6	7.0	2.42	20.58	5.97	**25.22**
1841	521	1118	s	Max	12.55	4.35	69.01	3.14	10.54	2.07	69.1	11.0	2.11	32.28	15.50	**43.63**
1841	521	1158	s	Min	-12.55	-4.35	-68.46	-0.98	-5.80	-2.07	68.6	5.9	2.11	17.28	15.38	**32.95**
1841	521	1118	s	Min	-14.42	-1.78	-26.01	-1.22	-9.18	-1.86	26.1	9.3	2.42	27.19	5.85	**31.30**
1841	521	1158	slu	Max	4.80	-0.15	-28.09	2.30	2.22	0.08	28.1	3.2	0.81	9.38	6.30	**14.93**
1841	521	1118	slu	Max	-0.63	4.97	57.04	3.63	3.52	0.60	57.3	5.1	0.11	14.83	12.84	**26.79**
1841	521	1158	slu	Min	0.63	-4.97	-56.49	-0.16	0.30	-0.60	56.7	0.3	0.11	1.01	12.72	**22.05**
1841	521	1118	slu	Min	-4.80	0.15	28.81	0.34	0.45	-0.08	28.8	0.6	0.81	1.66	6.46	**11.46**
1842	522	1149	s	Max	2.67	2.78	45.49	8.24	5.22	2.17	45.6	9.8	0.45	28.63	10.22	**34.04**
1842	522	1117	s	Max	2.24	6.73	185.68	7.84	2.28	2.37	185.8	8.2	0.38	23.96	41.66	**76.15**
1842	522	1149	s	Min	-2.24	-6.73	-184.58	-3.54	-4.46	-2.37	184.7	5.7	0.38	16.72	41.42	**73.74**
1842	522	1117	s	Min	-2.67	-2.78	-44.39	-3.12	-2.02	-2.17	44.5	3.7	0.45	10.91	9.97	**20.67**
1842	522	1149	slu	Max	1.05	-1.09	-112.18	5.53	1.76	0.42	112.2	5.8	0.18	17.03	25.15	**46.84**
1842	522	1117	slu	Max	-0.27	4.80	208.94	5.92	1.17	0.56	209.0	6.0	0.05	17.72	46.86	**83.09**
1842	522	1149	slu	Min	0.27	-4.80	-207.51	0.74	0.31	-0.56	207.6	0.8	0.05	2.36	46.54	**80.65**
1842	522	1117	slu	Min	-1.05	1.09	113.61	1.86	0.24	-0.42	113.6	1.9	0.18	5.51	25.47	**44.49**
1843	523	796	s	Max	24.65	1.33	156.89	3.25	61.45	0.22	156.9	61.5	4.15	180.66	35.18	**194.59**

1843	523	791	s	Max	22.08	1.33	110.06	1.69	26.81	0.22	110.1	26.9	3.71	78.86	24.68	**92.98**
1843	523	796	s	Min	-22.08	-1.33	-108.41	-3.24	-54.99	-0.22	108.4	55.1	3.71	161.74	24.31	**170.72**
1843	523	791	s	Min	-24.65	-1.33	-155.24	-1.69	-24.05	-0.22	155.2	24.1	4.15	70.80	34.81	**96.18**
1843	523	796	slu	Max	7.07	0.00	46.54	3.96	17.66	0.13	46.5	18.1	1.19	53.12	10.44	**57.24**
1843	523	791	slu	Max	0.64	2.06	-12.21	3.42	7.67	0.00	12.4	8.4	0.11	24.65	2.78	**25.22**
1843	523	796	slu	Min	-0.64	-2.06	13.86	0.00	-1.62	0.00	14.0	1.6	0.11	4.76	3.14	**7.30**
1843	523	791	slu	Min	-7.07	0.00	-44.40	0.00	-0.68	-0.13	44.4	0.7	1.19	2.00	9.96	**17.54**
1844	524	1159	s	Max	2.18	17.16	25.80	0.07	2.18	2.43	31.0	2.2	0.37	6.40	6.95	**13.80**
1844	524	1109	s	Max	4.10	29.17	15.36	1.55	3.34	2.67	33.0	3.7	0.69	10.82	7.39	**17.21**
1844	524	1159	s	Min	-4.10	-29.17	-14.15	-0.70	-2.98	-4.95	32.4	3.1	0.69	8.99	7.27	**15.88**
1844	524	1109	s	Min	-2.18	-17.16	-24.59	-1.22	-5.81	-3.97	30.0	5.9	0.37	17.44	6.72	**21.28**
1844	524	1159	slu	Max	-1.52	-12.62	26.13	0.45	-0.81	-2.14	29.0	0.9	0.26	2.72	6.51	**11.66**
1844	524	1109	slu	Max	3.58	29.24	-10.24	0.09	-1.79	-0.90	31.0	1.8	0.60	5.26	6.95	**13.39**
1844	524	1159	slu	Min	-3.58	-29.24	11.81	-0.51	-2.08	-4.47	31.5	2.1	0.60	6.29	7.07	**14.05**
1844	524	1109	slu	Min	1.52	12.62	-24.56	-0.56	-4.05	-2.68	27.6	4.1	0.26	11.99	6.19	**16.28**
1845	525	793	s	Max	3.58	41.23	44.20	0.91	3.74	3.53	60.4	3.9	0.60	11.30	13.55	**26.32**
1845	525	1113	s	Max	2.96	33.59	54.18	1.64	6.03	3.68	63.7	6.2	0.50	18.35	14.29	**31.11**
1845	525	793	s	Min	-2.96	-33.59	-52.68	-1.28	-3.26	-2.90	62.5	3.5	0.50	10.27	14.01	**26.55**
1845	525	1113	s	Min	-3.58	-41.23	-42.71	-0.96	-4.93	-3.08	59.4	5.0	0.60	14.76	13.31	**27.70**
1845	525	793	slu	Max	0.93	6.47	3.64	0.61	0.69	0.86	7.4	0.9	0.16	2.70	1.67	**4.06**
1845	525	1113	slu	Max	-0.48	2.39	9.68	0.77	2.02	1.01	10.0	2.2	0.08	6.35	2.24	**7.51**
1845	525	793	slu	Min	0.48	-2.39	-7.74	-0.16	-0.24	0.42	8.1	0.3	0.08	0.86	1.82	**3.28**
1845	525	1113	slu	Min	-0.93	-6.47	-1.70	0.49	1.02	0.54	6.7	1.1	0.16	3.33	1.50	**4.35**
1846	526	1159	s	Max	2.45	58.36	32.25	0.90	1.70	2.07	66.7	1.9	0.41	5.65	14.95	**26.59**
1846	526	1160	s	Max	3.10	77.89	23.86	2.91	2.96	3.22	81.5	4.1	0.52	12.17	18.27	**34.09**
1846	526	1159	s	Min	-3.10	-77.89	-22.86	-1.44	-2.39	-3.65	81.2	2.8	0.52	8.19	18.20	**32.71**
1846	526	1160	s	Min	-2.45	-58.36	-31.25	-2.42	-2.82	-2.94	66.2	3.7	0.41	10.92	14.84	**28.10**
1846	526	1159	slu	Max	0.51	23.56	6.61	-0.09	-0.28	-0.62	24.5	0.3	0.09	0.85	5.49	**9.55**
1846	526	1160	slu	Max	1.10	13.49	10.09	0.15	0.71	1.63	16.8	0.7	0.18	2.13	3.78	**6.94**
1846	526	1159	slu	Min	-1.10	-13.49	-8.79	-0.54	-1.14	-2.76	16.1	1.3	0.18	3.69	3.61	**7.36**
1846	526	1160	slu	Min	-0.51	-23.56	-5.31	-1.46	0.06	0.14	24.1	1.5	0.09	4.30	5.41	**10.35**
1847	527	793	s	Max	16.49	38.86	29.33	1.87	3.48	18.68	48.7	3.9	2.77	11.58	10.92	**23.74**
1847	527	1159	s	Max	9.36	70.43	16.41	2.12	10.77	14.31	72.3	11.0	1.57	32.21	16.22	**43.94**

1847	527	793	s	Min	-9.36	-70.43	-15.41	-1.69	-2.00	-10.74	72.1	2.6	1.57	7.69	16.17	**29.50**
1847	527	1159	s	Min	-16.49	-38.86	-28.33	-1.07	-6.13	-7.99	48.1	6.2	2.77	18.28	10.78	**28.14**
1847	527	793	slu	Max	11.70	3.52	11.38	0.96	2.29	12.87	11.9	2.5	1.97	7.30	2.67	**10.35**
1847	527	1159	slu	Max	-6.07	26.29	2.42	0.83	7.73	10.53	26.4	7.8	1.02	22.82	5.92	**25.95**
1847	527	793	slu	Min	6.07	-26.29	-1.36	0.24	1.37	6.66	26.3	1.4	1.02	4.07	5.90	**11.42**
1847	527	1159	slu	Min	-11.70	-3.52	-10.08	0.10	3.82	5.39	10.7	3.8	1.97	11.21	2.39	**13.81**
1848	528	1160	s	Max	19.56	3.06	4.40	0.83	5.25	1.41	5.4	5.3	3.29	15.61	1.20	**19.01**
1848	528	1109	s	Max	27.73	4.28	11.38	3.19	11.76	1.53	12.2	12.2	4.66	35.76	2.73	**40.70**
1848	528	1160	s	Min	-27.73	-4.28	-10.99	-0.09	-4.41	-1.53	11.8	4.4	4.66	12.94	2.64	**18.19**
1848	528	1109	s	Min	-19.56	-3.06	-4.01	-2.88	-19.59	-1.41	5.0	19.8	3.29	58.15	1.13	**61.47**
1848	528	1160	slu	Max	-7.42	1.11	-3.19	0.63	0.23	0.54	3.4	0.7	1.25	1.97	0.76	**3.48**
1848	528	1109	slu	Max	19.14	1.08	5.30	0.29	-6.58	0.03	5.4	6.6	3.22	19.34	1.21	**22.66**
1848	528	1160	slu	Min	-19.14	-1.08	-4.79	-0.85	-2.62	-0.03	4.9	2.8	3.22	8.09	1.10	**11.47**
1848	528	1109	slu	Min	7.42	-1.11	3.59	-0.38	-13.82	-0.54	3.8	13.8	1.25	40.59	0.84	**41.86**
1849	529	1159	s	Max	5.95	2.62	4.62	1.67	4.13	1.72	5.3	4.5	1.00	13.07	1.19	**14.22**
1849	529	1113	s	Max	8.96	2.31	21.44	2.42	6.12	2.62	21.6	6.6	1.51	19.32	4.84	**22.45**
1849	529	1159	s	Min	-8.96	-2.31	-20.66	-1.85	-4.73	-2.62	20.8	5.1	1.51	14.91	4.66	**18.29**
1849	529	1113	s	Min	-5.95	-2.62	-3.83	-2.76	-10.67	-1.72	4.6	11.0	1.00	32.37	1.04	**33.42**
1849	529	1159	slu	Max	-2.98	0.60	-14.22	-0.09	-1.02	-0.78	14.2	1.0	0.50	3.01	3.19	**6.55**
1849	529	1113	slu	Max	6.59	-0.16	26.71	-0.18	-3.96	1.37	26.7	4.0	1.11	11.64	5.99	**16.44**
1849	529	1159	slu	Min	-6.59	0.16	-25.69	-0.58	-3.28	-1.37	25.7	3.3	1.11	9.78	5.76	**14.77**
1849	529	1113	slu	Min	2.98	-0.60	15.24	-0.44	-8.01	0.78	15.3	8.0	0.50	23.56	3.42	**24.78**
1850	530	793	s	Max	5.72	0.58	27.94	0.84	7.61	0.33	27.9	7.7	0.96	22.48	6.27	**25.83**
1850	530	789	s	Max	3.31	0.58	92.77	0.68	8.56	0.33	92.8	8.6	0.56	25.20	20.80	**44.29**
1850	530	793	s	Min	-3.31	-0.58	-91.58	-0.84	-5.53	-0.33	91.6	5.6	0.56	16.42	20.54	**39.41**
1850	530	789	s	Min	-5.72	-0.58	-26.76	-0.68	-4.44	-0.33	26.8	4.5	0.96	13.18	6.00	**17.55**
1850	530	793	slu	Max	2.65	0.00	-42.82	0.07	2.24	0.00	42.8	2.2	0.45	6.58	9.60	**18.05**
1850	530	789	slu	Max	-1.18	0.12	104.28	0.23	4.75	0.19	104.3	4.8	0.20	13.95	23.38	**42.90**
1850	530	793	slu	Min	1.18	-0.12	-102.75	0.00	0.29	-0.19	102.7	0.3	0.20	0.84	23.04	**39.92**
1850	530	789	slu	Min	-2.65	0.00	44.00	0.00	1.85	0.00	44.0	1.9	0.45	5.44	9.87	**18.07**
1852	532	1162	s	Max	498.17	1.78	63.19	2.26	13.00	2.22	63.2	13.2	83.78	38.74	14.17	**124.96**
1852	532	767	s	Max	326.71	1.78	42.93	2.52	17.51	5.45	43.0	17.7	54.94	51.94	9.63	**108.18**
1852	532	1162	s	Min	-326.71	-1.78	-42.03	-2.25	-17.44	-2.23	42.1	17.6	54.94	51.61	9.43	**107.80**

1852	532	767	s	Min	-498.17	-1.78	-62.29	-2.52	-25.09	-5.44	62.3	25.2	83.78	74.04	13.97	**159.66**
1852	532	1162	slu	Max	326.74	0.00	41.47	0.00	-2.06	0.78	41.5	2.1	54.95	6.06	9.30	**63.10**
1852	532	767	slu	Max	-84.22	0.78	-9.45	0.84	-3.74	0.01	9.5	3.8	14.16	11.25	2.13	**25.68**
1852	532	1162	slu	Min	84.22	-0.78	10.35	-0.72	-9.79	0.00	10.4	9.8	14.16	28.81	2.33	**43.16**
1852	532	767	slu	Min	-326.74	0.00	-40.31	0.00	-17.55	-2.29	40.3	17.6	54.95	51.53	9.04	**107.62**
1853	533	1163	s	Max	497.44	2.03	64.50	1.27	1.24	4.99	64.5	1.8	83.65	5.21	14.47	**92.33**
1853	533	1162	s	Max	325.98	2.02	41.70	2.25	17.44	2.23	41.7	17.6	54.82	51.61	9.36	**107.66**
1853	533	1163	s	Min	-325.98	-2.02	-40.05	-1.27	-2.52	-4.98	40.1	2.8	54.82	8.30	8.99	**65.01**
1853	533	1162	s	Min	-497.44	-2.03	-62.86	-2.26	-13.00	-2.22	62.9	13.2	83.65	38.74	14.10	**124.81**
1853	533	1163	slu	Max	326.74	0.00	43.61	0.00	-0.17	0.01	43.6	0.2	54.95	0.49	9.78	**57.97**
1853	533	1162	slu	Max	-84.22	0.78	-10.35	0.72	9.79	0.00	10.4	9.8	14.16	28.81	2.33	**43.16**
1853	533	1163	slu	Min	84.22	-0.78	11.99	-0.34	-1.09	-1.98	12.0	1.1	14.16	3.35	2.69	**18.12**
1853	533	1162	slu	Min	-326.74	0.00	-41.47	0.00	2.06	-0.78	41.5	2.1	54.95	6.06	9.30	**63.10**
1854	534	793	s	Max	496.86	2.29	64.59	1.06	19.15	6.07	64.6	19.2	83.56	56.30	14.49	**142.09**
1854	534	1163	s	Max	325.41	2.29	39.92	1.27	2.52	4.98	40.0	2.8	54.72	8.30	8.96	**64.90**
1854	534	793	s	Min	-325.41	-2.29	-39.69	-1.06	-15.27	-6.06	39.8	15.3	54.72	44.93	8.91	**100.84**
1854	534	1163	s	Min	-496.86	-2.29	-64.36	-1.27	-1.24	-4.99	64.4	1.8	83.56	5.21	14.44	**92.23**
1854	534	793	slu	Max	326.74	0.00	43.91	0.00	10.86	0.01	43.9	10.9	54.95	31.90	9.85	**88.50**
1854	534	1163	slu	Max	-84.22	0.78	-11.99	0.34	1.09	1.98	12.0	1.1	14.16	3.35	2.69	**18.12**
1854	534	793	slu	Min	84.22	-0.78	12.22	-0.26	2.13	-2.36	12.2	2.1	14.16	6.30	2.75	**21.01**
1854	534	1163	slu	Min	-326.74	0.00	-43.61	0.00	0.17	-0.01	43.6	0.2	54.95	0.49	9.78	**57.97**
1855	535	1150	s	Max	809.25	3.13	185.78	1.84	1.42	1.19	185.8	2.3	136.09	6.82	41.66	**160.09**
1855	535	793	s	Max	408.21	3.13	90.44	3.98	1.94	8.54	90.5	4.4	68.65	13.01	20.29	**88.90**
1855	535	1150	s	Min	-408.21	-3.13	-88.98	-1.84	-12.90	-1.19	89.0	13.0	68.65	38.25	19.96	**112.35**
1855	535	793	s	Min	-809.25	-3.13	-184.33	-3.99	-9.05	-8.53	184.4	9.9	136.09	29.04	41.34	**179.98**
1855	535	1150	slu	Max	663.03	0.00	158.30	0.37	-6.64	0.00	158.3	6.6	111.50	19.51	35.50	**144.72**
1855	535	793	slu	Max	-191.38	0.30	-45.64	0.00	-4.93	0.01	45.6	4.9	32.18	14.46	10.23	**49.90**
1855	535	1150	slu	Min	191.38	-0.30	47.10	0.00	-18.00	-0.08	47.1	18.0	32.18	52.86	10.56	**86.98**
1855	535	793	slu	Min	-663.03	0.00	-156.41	-0.16	-11.86	-0.85	156.4	11.9	111.50	34.81	35.07	**158.42**
1856	536	1113	s	Max	1.28	49.38	3.24	1.78	2.22	1.19	49.5	2.8	0.21	8.36	11.10	**21.04**
1856	536	1109	s	Max	1.44	34.90	2.49	2.60	2.44	1.37	35.0	3.6	0.24	10.45	7.85	**17.29**
1856	536	1113	s	Min	-1.44	-34.90	-1.57	-3.01	-2.44	-1.42	34.9	3.9	0.24	11.38	7.83	**17.86**
1856	536	1109	s	Min	-1.28	-49.38	-2.32	-2.87	-2.22	-1.47	49.4	3.6	0.21	10.64	11.08	**22.06**

1856	536	1113	slu	Max	1.00	10.18	1.54	0.52	-0.11	0.92	10.3	0.5	0.17	1.55	2.31	**4.35**
1856	536	1109	slu	Max	0.35	206.13	0.39	-0.44	0.26	1.08	206.1	0.5	0.06	1.49	46.22	**80.07**
1856	536	1113	slu	Min	-0.35	-206.13	0.53	-1.01	-0.26	-0.30	206.1	1.0	0.06	3.06	46.22	**80.11**
1856	536	1109	slu	Min	-1.00	-10.18	-0.35	-1.49	0.11	-0.39	10.2	1.5	0.17	4.38	2.28	**6.03**
1857	537	789	s	Max	1.09	73.55	2.69	1.47	3.05	1.40	73.6	3.4	0.18	9.94	16.50	**30.32**
1857	537	1113	s	Max	0.83	74.52	2.08	1.84	2.47	0.84	74.5	3.1	0.14	9.05	16.72	**30.38**
1857	537	789	s	Min	-0.83	-74.52	-1.16	-2.42	-2.47	-1.04	74.5	3.5	0.14	10.16	16.71	**30.72**
1857	537	1113	s	Min	-1.09	-73.55	-1.77	-2.10	-3.05	-0.68	73.6	3.7	0.18	10.87	16.50	**30.63**
1857	537	789	slu	Max	0.41	-5.13	1.06	0.77	0.57	0.58	5.2	1.0	0.07	2.82	1.17	**3.53**
1857	537	1113	slu	Max	0.04	201.40	0.90	0.11	0.21	0.23	201.4	0.2	0.01	0.68	45.16	**78.22**
1857	537	789	slu	Min	-0.04	-201.40	0.02	-0.70	-0.21	0.01	201.4	0.7	0.01	2.14	45.16	**78.25**
1857	537	1113	slu	Min	-0.41	5.13	0.13	-0.64	-0.57	-0.10	5.1	0.9	0.07	2.51	1.15	**3.26**
1858	538	1118	s	Max	3.23	109.30	11.84	15.27	10.12	1.83	109.9	18.3	0.54	53.77	24.65	**69.09**
1858	538	1119	s	Max	2.82	151.85	16.46	16.73	11.09	4.65	152.7	20.1	0.47	58.92	34.25	**83.94**
1858	538	1118	s	Min	-2.82	-151.85	-15.54	-10.97	-11.09	-1.50	152.6	15.6	0.47	45.79	34.23	**75.20**
1858	538	1119	s	Min	-3.23	-109.30	-10.93	-11.80	-10.12	-4.14	109.8	15.5	0.54	45.64	24.63	**62.87**
1858	538	1118	slu	Max	0.58	-27.44	7.83	4.99	-0.03	0.38	28.5	5.0	0.10	14.66	6.40	**18.46**
1858	538	1119	slu	Max	0.27	132.44	6.25	6.32	2.98	0.77	132.6	7.0	0.05	20.51	29.73	**55.44**
1858	538	1118	slu	Min	-0.27	-132.44	-5.06	-7.20	-2.98	-0.31	132.5	7.8	0.05	22.87	29.72	**56.34**
1858	538	1119	slu	Min	-0.58	27.44	-6.91	-7.54	0.03	-0.44	28.3	7.5	0.10	22.15	6.34	**24.81**
1859	539	1117	s	Max	1.51	87.46	5.12	0.12	2.49	1.62	87.6	2.5	0.25	7.32	19.64	**34.86**
1859	539	1118	s	Max	1.99	114.99	2.47	4.37	2.71	1.42	115.0	5.1	0.33	15.08	25.79	**47.25**
1859	539	1117	s	Min	-1.99	-114.99	-1.55	-1.53	-2.71	-2.01	115.0	3.1	0.33	9.12	25.79	**45.65**
1859	539	1118	s	Min	-1.51	-87.46	-4.20	-8.26	-2.49	-1.98	87.6	8.6	0.25	25.32	19.63	**42.55**
1859	539	1117	slu	Max	0.02	-29.29	3.45	-0.52	0.71	0.11	29.5	0.9	0.00	2.57	6.61	**11.74**
1859	539	1118	slu	Max	0.83	185.39	0.79	1.18	0.61	-0.06	185.4	1.3	0.14	3.89	41.57	**72.11**
1859	539	1117	slu	Min	-0.83	-185.39	0.13	-1.16	-0.61	-0.71	185.4	1.3	0.14	3.85	41.57	**72.11**
1859	539	1118	slu	Min	-0.02	29.29	-2.26	-4.77	-0.71	-0.94	29.4	4.8	0.00	14.16	6.59	**18.19**
1860	540	791	s	Max	0.92	82.21	7.68	3.19	2.12	0.70	82.6	3.8	0.15	11.24	18.51	**34.03**
1860	540	1117	s	Max	1.48	65.04	3.67	3.39	2.19	1.22	65.1	4.0	0.25	11.84	14.61	**28.04**
1860	540	791	s	Min	-1.48	-65.04	-2.75	-7.80	-2.19	-1.28	65.1	8.1	0.25	23.77	14.60	**34.88**
1860	540	1117	s	Min	-0.92	-82.21	-6.77	-6.81	-2.12	-1.76	82.5	7.1	0.15	20.94	18.50	**38.36**
1860	540	791	slu	Max	-0.18	11.04	6.87	-1.56	0.72	-0.34	13.0	1.7	0.03	5.06	2.92	**7.17**

1860	540	1117	slu	Max	0.99	136.96	-1.12	-1.59	0.14	-0.03	137.0	1.6	0.17	4.68	30.71	**53.41**
1860	540	791	slu	Min	-0.99	-136.96	2.04	-6.77	-0.14	-0.99	137.0	6.8	0.17	19.88	30.71	**56.85**
1860	540	1117	slu	Min	0.18	-11.04	-5.68	-5.78	-0.72	-0.99	12.4	5.8	0.03	17.11	2.78	**17.81**
1861	541	1123	s	Max	0.45	63.00	4.12	2.45	4.00	0.49	63.1	4.7	0.08	13.78	14.16	**28.16**
1861	541	1124	s	Max	0.97	41.65	2.30	1.36	2.90	0.53	41.7	3.2	0.16	9.41	9.35	**18.82**
1861	541	1123	s	Min	-0.97	-41.65	-1.38	-4.63	-2.90	-1.19	41.7	5.5	0.16	16.05	9.34	**22.91**
1861	541	1124	s	Min	-0.45	-63.00	-3.20	-2.81	-4.00	-0.88	63.1	4.9	0.08	14.36	14.14	**28.43**
1861	541	1123	slu	Max	-0.36	15.27	1.96	2.22	0.89	-0.35	15.4	2.4	0.06	7.02	3.45	**9.27**
1861	541	1124	slu	Max	0.72	181.17	1.45	-0.24	0.32	-0.28	181.2	0.4	0.12	1.17	40.62	**70.37**
1861	541	1123	slu	Min	-0.72	-181.17	-0.53	-1.61	-0.32	-0.89	181.2	1.6	0.12	4.81	40.62	**70.53**
1861	541	1124	slu	Min	0.36	-15.27	-0.76	-1.11	-0.89	-0.54	15.3	1.4	0.06	4.19	3.43	**7.30**
1867	542	1092	s	Max	108.47	0.42	8.93	1.87	3.68	0.95	8.9	4.1	18.24	12.12	2.01	**30.56**
1867	542	1120	s	Max	136.11	0.33	9.55	1.87	0.70	0.76	9.6	2.0	22.89	5.86	2.14	**28.99**
1867	542	1092	s	Min	-136.11	-0.33	-7.75	-1.94	-8.56	-0.64	7.8	8.8	22.89	25.76	1.74	**48.74**
1867	542	1120	s	Min	-108.47	-0.42	-7.14	-1.83	-2.29	-0.71	7.2	2.9	18.24	8.61	1.60	**27.00**
1867	542	1092	slu	Max	19.29	0.15	4.99	1.18	-5.19	0.53	5.0	5.3	3.24	15.63	1.12	**18.97**
1867	542	1120	slu	Max	29.93	0.03	1.45	0.13	-3.02	0.05	1.5	3.0	5.03	8.89	0.33	**13.93**
1867	542	1092	slu	Min	-29.93	-0.03	0.88	-0.16	-10.74	0.03	0.9	10.7	5.03	31.54	0.20	**36.58**
1867	542	1120	slu	Min	-19.29	-0.15	-2.66	-1.23	-7.77	-0.13	2.7	7.9	3.24	23.09	0.60	**26.35**
1868	543	1120	s	Max	102.63	2.28	5.50	1.82	2.29	1.20	6.0	2.9	17.26	8.60	1.33	**25.96**
1868	543	1117	s	Max	135.28	1.36	13.13	1.90	5.81	2.10	13.2	6.1	22.75	17.95	2.96	**41.02**
1868	543	1120	s	Min	-135.28	-1.36	-12.47	-1.92	-0.70	-0.59	12.5	2.0	22.75	5.99	2.81	**29.15**
1868	543	1117	s	Min	-102.63	-2.28	-4.84	-1.89	0.18	-1.40	5.4	1.9	17.26	5.59	1.20	**22.94**
1868	543	1120	slu	Max	17.96	3.12	-6.71	1.09	7.77	1.53	7.4	7.8	3.02	23.03	1.66	**26.21**
1868	543	1117	slu	Max	34.78	-0.84	18.94	0.04	16.27	2.91	19.0	16.3	5.85	47.76	4.25	**54.12**
1868	543	1120	slu	Min	-34.78	0.84	-18.09	-0.26	3.02	0.56	18.1	3.0	5.85	8.91	4.06	**16.35**
1868	543	1117	slu	Min	-17.96	-3.12	7.56	-1.41	7.92	0.64	8.2	8.0	3.02	23.62	1.83	**26.83**
1869	544	1117	s	Max	103.08	0.70	8.26	2.17	1.72	1.11	8.3	2.8	17.34	8.13	1.86	**25.66**
1869	544	1114	s	Max	137.50	0.97	6.12	2.05	1.52	0.55	6.2	2.6	23.12	7.49	1.39	**30.71**
1869	544	1117	s	Min	-137.50	-0.97	-5.10	-2.06	-8.30	-1.44	5.2	8.5	23.12	25.10	1.16	**48.26**
1869	544	1114	s	Min	-103.08	-0.70	-7.24	-2.11	-4.49	-0.80	7.3	5.0	17.34	14.58	1.63	**32.04**
1869	544	1117	slu	Max	14.96	-0.26	12.33	0.38	-8.45	-0.33	12.3	8.5	2.52	24.84	2.77	**27.77**
1869	544	1114	slu	Max	36.32	1.15	-3.11	-0.06	-4.96	-0.26	3.3	5.0	6.11	14.58	0.74	**20.72**

1869	544	1117	slu	Min	-36.32	-1.15	4.43	0.09	-17.74	-1.42	4.6	17.7	6.11	52.07	1.03	**58.20**
1869	544	1114	slu	Min	-14.96	0.26	-11.01	-0.22	-11.94	-1.13	11.0	11.9	2.52	35.06	2.47	**37.82**
1870	545	1114	s	Max	106.29	0.41	5.51	2.15	4.49	0.60	5.5	5.0	17.88	14.62	1.24	**32.57**
1870	545	1113	s	Max	137.99	0.40	9.87	2.06	7.05	0.69	9.9	7.3	23.21	21.55	2.21	**44.92**
1870	545	1114	s	Min	-137.99	-0.40	-8.45	-2.08	-1.52	-0.48	8.5	2.6	23.21	7.57	1.90	**30.95**
1870	545	1113	s	Min	-106.29	-0.41	-4.09	-2.12	-1.27	-0.77	4.1	2.5	17.88	7.27	0.92	**25.19**
1870	545	1114	slu	Max	12.85	0.20	-2.84	0.26	11.94	0.43	2.8	11.9	2.16	35.07	0.64	**37.24**
1870	545	1113	slu	Max	33.59	0.09	11.11	-0.06	15.24	0.23	11.1	15.2	5.65	44.73	2.49	**50.56**
1870	545	1114	slu	Min	-33.59	-0.09	-9.26	0.06	4.96	-0.09	9.3	5.0	5.65	14.58	2.08	**20.54**
1870	545	1113	slu	Min	-12.85	-0.20	4.69	-0.25	7.27	-0.19	4.7	7.3	2.16	21.36	1.05	**23.59**
1871	546	1113	s	Max	93.78	4.92	7.73	1.98	1.53	1.40	9.2	2.5	15.77	7.34	2.05	**23.38**
1871	546	1108	s	Max	71.28	5.72	0.16	2.07	5.13	1.05	5.7	5.5	11.99	16.23	1.28	**28.31**
1871	546	1113	s	Min	-71.28	-5.72	0.06	-2.02	-8.69	-1.75	5.7	8.9	11.99	26.19	1.28	**38.24**
1871	546	1108	s	Min	-93.78	-4.92	-7.50	-2.01	-0.97	-1.09	9.0	2.2	15.77	6.53	2.01	**22.58**
1871	546	1113	slu	Max	79.96	-1.08	26.05	0.11	-8.79	-0.42	26.1	8.8	13.45	25.82	5.85	**40.55**
1871	546	1108	slu	Max	-18.07	8.52	-10.07	0.51	7.65	-0.04	13.2	7.7	3.04	22.52	2.96	**26.07**
1871	546	1113	slu	Min	18.07	-8.52	10.36	-0.25	-17.94	-3.84	13.4	17.9	3.04	52.67	3.01	**55.95**
1871	546	1108	slu	Min	-79.96	1.08	-25.76	-0.01	3.95	-0.29	25.8	4.0	13.45	11.60	5.78	**26.98**
1872	547	1123	s	Max	65.94	0.26	6.39	2.46	3.51	0.45	6.4	4.3	11.09	12.59	1.43	**23.81**
1872	547	1121	s	Max	76.50	0.25	5.60	1.98	1.21	0.64	5.6	2.3	12.86	6.81	1.26	**19.79**
1872	547	1123	s	Min	-76.50	-0.25	-3.81	-1.99	-8.82	-0.39	3.8	9.0	12.86	26.55	0.86	**39.44**
1872	547	1121	s	Min	-65.94	-0.26	-4.60	-2.45	-2.35	-0.67	4.6	3.4	11.09	9.97	1.03	**21.13**
1872	547	1123	slu	Max	16.34	0.28	6.01	0.83	-5.87	0.27	6.0	5.9	2.75	17.41	1.35	**20.29**
1872	547	1121	slu	Max	24.98	0.10	0.02	0.01	-2.61	0.83	0.1	2.6	4.20	7.66	0.02	**11.86**
1872	547	1123	slu	Min	-24.98	-0.10	2.31	0.02	-11.93	-0.30	2.3	11.9	4.20	35.01	0.52	**39.22**
1872	547	1121	slu	Min	-16.34	-0.28	-3.68	-0.92	-7.10	-0.10	3.7	7.2	2.75	21.02	0.83	**23.81**
1873	548	1121	s	Max	69.58	3.26	4.26	2.49	2.35	2.01	5.4	3.4	11.70	10.05	1.20	**21.86**
1873	548	1118	s	Max	83.69	2.37	10.23	1.90	6.87	2.73	10.5	7.1	14.07	20.94	2.36	**35.25**
1873	548	1121	s	Min	-83.69	-2.37	-9.58	-2.08	-1.21	-1.28	9.9	2.4	14.07	7.07	2.21	**21.49**
1873	548	1118	s	Min	-69.58	-3.26	-3.61	-2.39	-0.94	-2.20	4.9	2.6	11.70	7.55	1.09	**19.34**
1873	548	1121	slu	Max	22.26	9.95	-6.10	0.37	7.10	7.43	11.7	7.1	3.74	20.87	2.62	**25.03**
1873	548	1118	slu	Max	16.03	-0.84	16.67	-0.17	16.18	6.72	16.7	16.2	2.69	47.51	3.74	**50.62**
1873	548	1121	slu	Min	-16.03	0.84	-15.82	-0.37	2.61	0.69	15.8	2.6	2.69	7.73	3.55	**12.11**

1873	548	1118	slu	Min	-22.26	-9.95	6.95	-1.18	7.82	0.51	12.1	7.9	3.74	23.23	2.72	**27.38**
1874	549	1118	s	Max	71.32	0.73	7.93	2.16	3.20	0.97	8.0	3.9	11.99	11.35	1.79	**23.54**
1874	549	1115	s	Max	86.20	0.98	4.99	2.58	2.33	0.68	5.1	3.5	14.50	10.20	1.14	**24.77**
1874	549	1118	s	Min	-86.20	-0.98	-3.97	-2.56	-9.04	-1.25	4.1	9.4	14.50	27.58	0.92	**42.11**
1874	549	1115	s	Min	-71.32	-0.73	-6.92	-2.15	-5.09	-0.94	7.0	5.5	11.99	16.23	1.56	**28.35**
1874	549	1118	slu	Max	20.86	-0.25	13.26	1.02	-7.73	-0.28	13.3	7.8	3.51	22.88	2.97	**26.89**
1874	549	1115	slu	Max	16.26	3.45	-3.95	0.40	-4.74	-0.27	5.2	4.8	2.73	13.97	1.18	**16.83**
1874	549	1118	slu	Min	-16.26	-3.45	5.27	-0.36	-15.62	-3.93	6.3	15.6	2.73	45.88	1.41	**48.68**
1874	549	1115	slu	Min	-20.86	0.25	-11.94	-0.54	-12.03	-3.70	11.9	12.0	3.51	35.34	2.68	**39.13**
1875	550	1115	s	Max	68.26	0.29	3.99	2.14	5.09	0.59	4.0	5.5	11.48	16.22	0.90	**27.75**
1875	550	1109	s	Max	82.12	0.19	7.48	2.57	8.46	0.39	7.5	8.8	13.81	25.95	1.68	**39.86**
1875	550	1115	s	Min	-82.12	-0.19	-6.05	-2.58	-2.33	-0.44	6.1	3.5	13.81	10.20	1.36	**24.13**
1875	550	1109	s	Min	-68.26	-0.29	-2.57	-2.15	-2.51	-0.24	2.6	3.3	11.48	9.70	0.58	**21.20**
1875	550	1115	slu	Max	15.21	0.52	-2.93	0.61	12.03	0.86	3.0	12.0	2.56	35.35	0.67	**37.93**
1875	550	1109	slu	Max	25.77	-0.09	10.16	0.39	16.30	0.74	10.2	16.3	4.33	47.86	2.28	**52.34**
1875	550	1115	slu	Min	-25.77	0.09	-8.31	-0.40	4.74	0.13	8.3	4.8	4.33	13.97	1.86	**18.59**
1875	550	1109	slu	Min	-15.21	-0.52	4.79	-0.65	7.45	0.14	4.8	7.5	2.56	21.96	1.08	**24.59**
1876	551	1109	s	Max	177.36	4.39	9.47	2.08	3.73	1.36	10.4	4.3	29.83	12.52	2.34	**42.54**
1876	551	1110	s	Max	144.78	4.98	1.73	2.11	5.56	1.02	5.3	5.9	24.35	17.46	1.18	**41.86**
1876	551	1109	s	Min	-144.78	-4.98	-1.51	-2.12	-10.46	-1.46	5.2	10.7	24.35	31.32	1.17	**55.71**
1876	551	1110	s	Min	-177.36	-4.39	-9.25	-2.05	-1.61	-1.21	10.2	2.6	29.83	7.64	2.30	**37.68**
1876	551	1109	slu	Max	100.66	-0.76	26.51	0.50	-8.32	-0.13	26.5	8.3	16.93	24.46	5.95	**42.65**
1876	551	1110	slu	Max	-25.82	25.42	-10.13	0.37	7.21	-0.24	27.4	7.2	4.34	21.18	6.13	**27.65**
1876	551	1109	slu	Min	25.82	-25.42	10.42	-0.04	-17.07	-4.66	27.5	17.1	4.34	50.13	6.16	**55.50**
1876	551	1110	slu	Min	-100.66	0.76	-26.21	-0.10	3.72	-7.67	26.2	3.7	16.93	10.92	5.88	**29.65**
1879	554	1119	s	Max	131.39	2.22	24.74	2.60	37.58	3.73	24.8	37.7	22.10	110.60	5.57	**133.04**
1879	554	1116	s	Max	122.66	2.08	24.86	2.52	12.60	1.62	24.9	12.8	20.63	37.71	5.59	**59.14**
1879	554	1119	s	Min	-122.66	-2.08	-23.84	-2.64	-37.68	-3.44	23.9	37.8	20.63	110.90	5.37	**131.85**
1879	554	1116	s	Min	-131.39	-2.22	-23.72	-2.50	-11.00	-1.61	23.8	11.3	22.10	33.12	5.34	**55.99**
1879	554	1119	slu	Max	11.52	0.09	-0.12	2.13	14.57	0.22	0.1	14.7	1.94	43.22	0.03	**45.15**
1879	554	1116	slu	Max	86.06	5.02	14.79	0.07	8.20	-0.03	15.6	8.2	14.47	24.07	3.50	**39.02**
1879	554	1119	slu	Min	-86.06	-23.05	-13.78	-0.08	0.49	-13.95	26.9	0.5	14.47	1.47	6.02	**19.05**
1879	554	1116	slu	Min	-11.52	-10.19	1.45	-1.23	1.79	-5.26	10.3	2.2	1.94	6.39	2.31	**9.24**

1880	555	1122	s	Max	126.43	5.48	28.92	2.54	12.37	2.78	29.4	12.6	21.26	37.06	6.60	**59.43**
1880	555	1119	s	Max	114.35	5.59	34.21	2.23	48.92	5.07	34.7	49.0	19.23	143.77	7.77	**163.55**
1880	555	1122	s	Min	-114.35	-5.59	-33.55	-2.41	-13.13	-2.92	34.0	13.3	19.23	39.18	7.63	**59.89**
1880	555	1119	s	Min	-126.43	-5.48	-28.26	-2.35	-39.43	-5.09	28.8	39.5	21.26	115.96	6.45	**137.68**
1880	555	1122	slu	Max	14.51	12.29	9.23	0.17	-1.05	7.63	15.4	1.1	2.44	3.13	3.45	**8.16**
1880	555	1119	slu	Max	88.89	0.07	4.58	0.11	7.56	16.28	4.6	7.6	14.95	22.20	1.03	**37.19**
1880	555	1122	slu	Min	-88.89	-0.07	-3.73	-1.27	-6.11	-0.08	3.7	6.2	14.95	18.32	0.84	**33.30**
1880	555	1119	slu	Min	-14.51	-25.64	-8.38	-1.38	-7.26	-0.01	27.0	7.4	2.44	21.71	6.05	**26.32**
1881	556	1124	s	Max	108.88	0.28	13.82	2.52	4.72	0.92	13.8	5.4	18.31	15.72	3.10	**34.45**
1881	556	1122	s	Max	91.27	0.19	11.39	1.97	13.00	0.41	11.4	13.2	15.35	38.61	2.55	**54.14**
1881	556	1124	s	Min	-91.27	-0.19	-9.60	-1.93	-9.08	-0.60	9.6	9.3	15.35	27.25	2.15	**42.76**
1881	556	1122	s	Min	-108.88	-0.28	-12.02	-2.59	-12.43	-0.38	12.0	12.7	18.31	37.28	2.70	**55.79**
1881	556	1124	slu	Max	30.62	0.07	2.96	2.40	-0.41	0.26	3.0	2.4	5.15	7.16	0.66	**12.36**
1881	556	1122	slu	Max	50.52	1.10	6.16	0.48	5.99	14.19	6.3	6.0	8.50	17.65	1.40	**26.26**
1881	556	1124	slu	Min	-50.52	-31.18	-4.36	-0.13	-3.42	-21.67	31.5	3.4	8.50	10.04	7.06	**22.21**
1881	556	1122	slu	Min	-30.62	-27.33	-1.07	-1.79	0.93	-2.48	27.4	2.0	5.15	5.92	6.13	**15.34**
1882	557	1097	s	Max	128.72	0.46	12.55	2.81	20.22	0.80	12.6	20.4	21.65	59.95	2.82	**81.74**
1882	557	1124	s	Max	89.32	0.32	13.56	2.44	18.08	0.92	13.6	18.2	15.02	53.57	3.04	**68.79**
1882	557	1097	s	Min	-89.32	-0.32	-11.90	-2.45	-11.60	-0.59	11.9	11.9	15.02	34.82	2.67	**50.05**
1882	557	1124	s	Min	-128.72	-0.46	-10.89	-2.86	-8.91	-0.63	10.9	9.4	21.65	27.46	2.44	**49.29**
1882	557	1097	slu	Max	90.14	1.42	7.86	2.33	8.51	2.58	8.0	8.8	15.16	25.90	1.79	**41.18**
1882	557	1124	slu	Max	-18.50	-0.12	2.27	0.18	8.44	20.20	2.3	8.4	3.11	24.80	0.51	**27.92**
1882	557	1097	slu	Min	18.50	-24.78	-0.11	-0.63	-1.62	-11.88	24.8	1.7	3.11	5.11	5.56	**12.66**
1882	557	1124	slu	Min	-90.14	-29.41	-5.70	-3.17	1.24	0.26	30.0	3.4	15.16	9.99	6.72	**27.71**
1886	561	762	s	Max	126.33	41.50	5.22	1.16	2.25	1.31	41.8	2.5	21.25	7.44	9.38	**32.96**
1886	561	1157	s	Max	126.47	41.52	3.76	2.23	4.59	1.31	41.7	5.1	21.27	14.96	9.35	**39.69**
1886	561	762	s	Min	-126.47	-41.52	-2.31	-2.15	0.24	-1.32	41.6	2.2	21.27	6.36	9.32	**32.00**
1886	561	1157	s	Min	-126.33	-41.50	-3.77	-2.69	-2.71	-1.36	41.7	3.8	21.25	11.21	9.34	**36.27**
1886	561	762	slu	Max	5.67	1.90	2.06	0.18	1.81	0.72	2.8	1.8	0.95	5.35	0.63	**6.40**
1886	561	1157	slu	Max	62.82	21.29	1.86	-0.30	1.57	0.67	21.4	1.6	10.56	4.70	4.79	**17.37**
1886	561	762	slu	Min	-62.82	-21.29	0.02	-0.64	1.06	0.01	21.3	1.2	10.56	3.65	4.77	**16.44**
1886	561	1157	slu	Min	-5.67	-1.90	-0.18	-1.01	0.76	-0.02	1.9	1.3	0.95	3.72	0.43	**4.73**
1887	562	793	s	Max	453.72	0.80	211.22	0.72	2.13	2.37	211.2	2.3	76.30	6.61	47.36	**116.64**

1887	562	762	s	Max	220.84	0.79	103.72	2.87	2.42	2.39	103.7	3.7	37.14	11.01	23.26	**62.77**
1887	562	793	s	Min	-220.84	-0.79	-100.70	-0.72	-6.68	-2.36	100.7	6.7	37.14	19.72	22.58	**69.01**
1887	562	762	s	Min	-453.72	-0.80	-208.19	-2.87	-0.18	-2.38	208.2	2.9	76.30	8.45	46.68	**117.13**
1887	562	793	slu	Max	397.16	0.00	185.22	0.00	-1.91	0.01	185.2	1.9	66.79	5.59	41.53	**102.05**
1887	562	762	slu	Max	-124.12	0.37	-55.67	1.05	1.54	0.00	55.7	1.9	20.87	5.48	12.48	**34.08**
1887	562	793	slu	Min	124.12	-0.37	58.70	-0.03	-4.72	-1.16	58.7	4.7	20.87	13.87	13.16	**41.55**
1887	562	762	slu	Min	-397.16	0.00	-181.29	-0.01	1.07	-1.05	181.3	1.1	66.79	3.15	40.65	**99.24**
1888	563	1160	s	Max	2.71	60.23	35.95	1.41	3.21	2.10	70.1	3.5	0.46	10.28	15.73	**29.28**
1888	563	1112	s	Max	2.90	78.52	26.98	0.40	4.38	3.44	83.0	4.4	0.49	12.91	18.62	**34.92**
1888	563	1160	s	Min	-2.90	-78.52	-25.98	-2.61	-2.22	-2.17	82.7	3.4	0.49	10.08	18.55	**33.81**
1888	563	1112	s	Min	-2.71	-60.23	-34.95	-1.45	-5.52	-3.76	69.6	5.7	0.46	16.77	15.61	**32.06**
1888	563	1160	slu	Max	-0.23	22.40	6.71	2.29	2.52	-0.08	23.4	3.4	0.04	10.01	5.24	**13.54**
1888	563	1112	slu	Max	2.26	12.41	11.35	0.29	-1.04	-0.37	16.8	1.1	0.38	3.19	3.77	**7.44**
1888	563	1160	slu	Min	-2.26	-12.41	-10.35	-0.75	0.85	-1.69	16.2	1.1	0.38	3.34	3.62	**7.29**
1888	563	1112	slu	Min	0.23	-22.40	-5.41	-0.73	-4.14	-2.82	23.0	4.2	0.04	12.33	5.17	**15.27**
1889	564	767	s	Max	5.86	37.09	30.02	0.44	2.79	7.78	47.7	2.8	0.99	8.28	10.70	**20.72**
1889	564	1166	s	Max	4.68	87.82	12.45	0.66	2.80	3.96	88.7	2.9	0.79	8.43	19.89	**35.66**
1889	564	767	s	Min	-4.68	-87.82	-11.48	-1.84	-2.11	-6.28	88.6	2.8	0.79	8.21	19.86	**35.55**
1889	564	1166	s	Min	-5.86	-37.09	-29.05	-0.58	-2.68	-3.10	47.1	2.7	0.99	8.06	10.56	**20.41**
1889	564	767	slu	Max	2.80	48.68	18.03	-0.63	1.31	3.46	51.9	1.5	0.47	4.28	11.64	**20.71**
1889	564	1166	slu	Max	-1.00	49.89	15.39	-0.14	0.70	2.15	52.2	0.7	0.17	2.10	11.71	**20.40**
1889	564	767	slu	Min	1.00	-49.89	-14.42	-1.63	0.33	1.17	51.9	1.7	0.17	4.88	11.64	**20.79**
1889	564	1166	slu	Min	-2.80	-48.68	-16.77	-1.86	0.12	0.84	51.5	1.9	0.47	5.46	11.55	**20.86**
1890	565	767	s	Max	10.66	1.50	-5.93	1.25	11.43	0.18	6.1	11.5	1.79	33.76	1.37	**35.63**
1890	565	762	s	Max	7.71	1.51	71.97	1.76	9.91	0.18	72.0	10.1	1.30	29.56	16.14	**41.64**
1890	565	767	s	Min	-7.71	-1.51	-71.05	-1.24	-8.49	-0.18	71.1	8.6	1.30	25.19	15.93	**38.25**
1890	565	762	s	Min	-10.66	-1.50	6.85	-1.76	-6.96	-0.18	7.0	7.2	1.79	21.08	1.57	**23.04**
1890	565	767	slu	Max	6.05	0.00	-43.56	0.49	5.58	0.00	43.6	5.6	1.02	16.44	9.77	**24.31**
1890	565	762	slu	Max	-1.58	0.38	120.66	0.27	6.51	0.16	120.7	6.5	0.27	19.14	27.05	**50.72**
1890	565	767	slu	Min	1.58	-0.38	-119.46	0.00	1.42	-0.16	119.5	1.4	0.27	4.16	26.79	**46.61**
1890	565	762	slu	Min	-6.05	0.00	44.48	0.00	1.75	0.00	44.5	1.7	1.02	5.13	9.97	**18.34**
1892	567	1109	s	Max	0.86	71.07	4.61	3.46	2.86	0.86	71.2	4.5	0.14	13.19	15.97	**30.71**
1892	567	1112	s	Max	0.59	57.98	2.99	1.68	3.19	0.90	58.1	3.6	0.10	10.58	13.02	**24.95**

1892	567	1109	s	Min	-0.59	-57.98	-2.07	-5.21	-3.19	-0.51	58.0	6.1	0.10	17.93	13.01	**28.86**
1892	567	1112	s	Min	-0.86	-71.07	-3.69	-3.18	-2.86	-0.71	71.2	4.3	0.14	12.57	15.96	**30.42**
1892	567	1109	slu	Max	1.20	7.50	1.70	3.30	1.83	0.92	7.7	3.8	0.20	11.09	1.72	**11.68**
1892	567	1112	slu	Max	-0.30	167.32	2.47	0.71	0.14	1.48	167.3	0.7	0.05	2.14	37.52	**65.03**
1892	567	1109	slu	Min	0.30	-167.32	-1.55	-1.15	-0.14	0.36	167.3	1.2	0.05	3.41	37.52	**65.08**
1892	567	1112	slu	Min	-1.20	-7.50	-0.51	-1.06	-1.83	0.23	7.5	2.1	0.20	6.22	1.69	**7.05**
1894	568	1108	s	Max	100.57	0.31	5.59	1.99	0.97	0.69	5.6	2.2	16.91	6.49	1.25	**23.50**
1894	568	1107	s	Max	74.75	0.40	2.64	2.07	2.02	0.56	2.7	2.9	12.57	8.48	0.60	**21.08**
1894	568	1108	s	Min	-74.75	-0.40	-1.01	-2.04	-5.13	-0.84	1.1	5.5	12.57	16.21	0.24	**28.78**
1894	568	1107	s	Min	-100.57	-0.31	-3.96	-2.00	-5.46	-0.73	4.0	5.8	16.91	17.07	0.89	**34.01**
1894	568	1108	slu	Max	77.46	-0.10	8.76	0.01	-3.95	-0.05	8.8	4.0	13.03	11.60	1.96	**24.86**
1894	568	1107	slu	Max	-21.23	0.41	-2.32	0.52	-5.28	-0.19	2.4	5.3	3.57	15.58	0.53	**19.17**
1894	568	1108	slu	Min	21.23	-0.41	4.44	-0.48	-7.65	-0.45	4.5	7.7	3.57	22.52	1.00	**26.14**
1894	568	1107	slu	Min	-77.46	0.10	-6.64	0.00	-11.53	-0.99	6.6	11.5	13.03	33.86	1.49	**46.96**
1895	569	1112	s	Max	188.38	3.04	31.44	2.48	11.39	1.42	31.6	11.7	31.68	34.21	7.08	**67.02**
1895	569	1111	s	Max	175.58	4.94	27.41	1.73	4.81	0.80	27.9	5.1	29.53	15.01	6.24	**45.84**
1895	569	1112	s	Min	-175.58	-4.94	-27.19	-1.67	-15.00	-2.04	27.6	15.1	29.53	44.32	6.20	**74.63**
1895	569	1111	s	Min	-188.38	-3.04	-31.22	-2.48	-2.77	-1.10	31.4	3.7	31.68	10.91	7.03	**44.30**
1895	569	1112	slu	Max	40.75	-2.08	1.56	1.84	7.42	-0.63	2.6	7.6	6.85	22.45	0.58	**29.32**
1895	569	1111	slu	Max	52.07	32.95	18.79	-0.48	1.64	1.55	37.9	1.7	8.76	5.02	8.51	**20.17**
1895	569	1112	slu	Min	-52.07	-39.06	-18.56	0.54	-2.15	-18.74	43.3	2.2	8.76	6.50	9.70	**22.69**
1895	569	1111	slu	Min	-40.75	2.08	-1.27	-0.82	0.08	-5.34	2.4	0.8	6.85	2.43	0.55	**9.33**
1896	570	1116	s	Max	130.70	0.32	8.52	2.18	10.90	0.58	8.5	11.1	21.98	32.64	1.91	**54.72**
1896	570	1112	s	Max	120.75	0.31	7.90	2.81	10.23	0.54	7.9	10.6	20.31	31.16	1.77	**51.56**
1896	570	1116	s	Min	-120.75	-0.31	-6.47	-2.79	-12.66	-0.58	6.5	13.0	20.31	38.06	1.45	**58.42**
1896	570	1112	s	Min	-130.70	-0.32	-7.09	-2.20	-8.90	-0.52	7.1	9.2	21.98	26.92	1.59	**48.98**
1896	570	1116	slu	Max	14.47	2.19	5.03	1.20	-1.90	3.32	5.5	2.2	2.43	6.59	1.23	**9.27**
1896	570	1112	slu	Max	65.86	-0.02	0.32	0.45	0.76	15.63	0.3	0.9	11.08	2.60	0.07	**13.68**
1896	570	1116	slu	Min	-65.86	-20.61	1.44	-0.45	-8.27	-7.43	20.7	8.3	11.08	24.31	4.63	**36.29**
1896	570	1112	slu	Min	-14.47	-25.90	-3.17	-1.60	-3.85	0.03	26.1	4.2	2.43	12.25	5.85	**17.84**
2058	724	1157	s	Max	65.45	11.79	2.29	2.40	3.34	0.94	12.0	4.1	11.01	12.06	2.69	**23.53**
2058	724	1245	s	Max	35.80	21.53	2.13	2.13	2.62	0.77	21.6	3.4	6.02	9.92	4.85	**18.02**
2058	724	1157	s	Min	-35.80	-21.53	-0.68	-2.34	-2.49	-0.62	21.5	3.4	6.02	10.03	4.83	**18.10**

2058	724	1245	s	Min	-65.45	-11.79	-0.84	-1.47	-1.28	-0.55	11.8	1.9	11.01	5.72	2.65	**17.35**
2058	724	1157	slu	Max	96.35	-8.79	3.50	0.24	0.62	0.28	9.5	0.7	16.20	1.95	2.12	**18.52**
2058	724	1245	slu	Max	-26.70	32.43	0.51	0.58	0.87	0.16	32.4	1.0	4.49	3.07	7.27	**14.69**
2058	724	1157	slu	Min	26.70	-32.43	1.37	-0.32	-0.11	-0.30	32.5	0.3	4.49	0.99	7.28	**13.75**
2058	724	1245	slu	Min	-96.35	8.79	-1.93	0.08	0.54	-0.42	9.0	0.5	16.20	1.60	2.02	**18.14**
2059	725	1160	s	Max	30.47	0.62	5.85	1.58	2.03	2.13	5.9	2.6	5.12	7.55	1.32	**12.88**
2059	725	1239	s	Max	22.77	0.64	4.63	2.24	5.74	1.64	4.7	6.2	3.83	18.10	1.05	**22.01**
2059	725	1160	s	Min	-22.77	-0.64	-1.84	-1.60	-3.99	-2.22	2.0	4.3	3.83	12.61	0.44	**16.46**
2059	725	1239	s	Min	-30.47	-0.62	-3.07	-2.20	-3.10	-1.69	3.1	3.8	5.12	11.17	0.70	**16.34**
2059	725	1160	slu	Max	19.93	0.10	4.84	0.11	0.18	0.40	4.8	0.2	3.35	0.62	1.09	**4.39**
2059	725	1239	slu	Max	-6.86	0.14	0.75	0.28	2.70	0.20	0.8	2.7	1.15	7.98	0.17	**9.14**
2059	725	1160	slu	Min	6.86	-0.14	2.88	-0.14	-1.25	-0.30	2.9	1.3	1.15	3.70	0.65	**4.98**
2059	725	1239	slu	Min	-19.93	-0.10	-1.36	-0.21	0.89	-0.53	1.4	0.9	3.35	2.68	0.31	**6.06**
2060	726	1159	s	Max	28.74	1.25	10.57	1.09	0.58	4.23	10.6	1.2	4.83	3.62	2.39	**9.41**
2060	726	1245	s	Max	16.05	1.58	6.54	3.31	4.25	3.21	6.7	5.4	2.70	15.81	1.51	**18.70**
2060	726	1159	s	Min	-16.05	-1.58	-3.66	-0.79	-3.11	-5.55	4.0	3.2	2.70	9.43	0.89	**12.23**
2060	726	1245	s	Min	-28.74	-1.25	-7.69	-2.97	-1.76	-3.91	7.8	3.5	4.83	10.13	1.75	**15.27**
2060	726	1159	slu	Max	22.96	-0.25	8.99	0.44	-0.76	-1.01	9.0	0.9	3.86	2.59	2.02	**7.33**
2060	726	1245	slu	Max	-10.32	0.52	-1.62	0.97	2.17	-0.47	1.7	2.4	1.74	6.99	0.38	**8.75**
2060	726	1159	slu	Min	10.32	-0.52	4.69	0.02	-1.73	-1.93	4.7	1.7	1.74	5.09	1.06	**7.07**
2060	726	1245	slu	Min	-22.96	0.25	-5.24	0.22	1.26	-1.23	5.2	1.3	3.86	3.74	1.18	**7.87**
2061	727	767	s	Max	4.94	10.82	44.10	0.63	5.35	5.27	45.4	5.4	0.83	15.82	10.18	**24.26**
2061	727	1245	s	Max	3.75	42.72	11.75	1.23	5.57	4.64	44.3	5.7	0.63	16.74	9.93	**24.45**
2061	727	767	s	Min	-3.75	-42.72	-10.45	-1.73	-4.08	-4.00	44.0	4.4	0.63	13.01	9.86	**21.86**
2061	727	1245	s	Min	-4.94	-10.82	-42.80	-1.04	-4.45	-3.52	44.1	4.6	0.83	13.40	9.90	**22.28**
2061	727	767	slu	Max	2.67	-35.48	67.73	0.20	2.40	2.76	76.5	2.4	0.45	7.08	17.14	**30.63**
2061	727	1245	slu	Max	-1.02	66.69	-35.01	0.16	2.93	2.58	75.3	2.9	0.17	8.63	16.89	**30.55**
2061	727	767	slu	Min	1.02	-66.69	36.70	-0.91	0.83	1.05	76.1	1.2	0.17	3.61	17.07	**29.80**
2061	727	1245	slu	Min	-2.67	35.48	-66.04	-0.51	1.10	1.00	75.0	1.2	0.45	3.55	16.81	**29.39**
2062	728	1166	s	Max	0.83	15.56	31.44	0.07	1.90	0.99	35.1	1.9	0.14	5.57	7.87	**14.77**
2062	728	1239	s	Max	0.91	45.47	11.37	1.49	3.14	2.68	46.9	3.5	0.15	10.21	10.51	**20.94**
2062	728	1166	s	Min	-0.91	-45.47	-10.26	-0.58	-2.23	-1.33	46.6	2.3	0.15	6.77	10.45	**19.38**
2062	728	1239	s	Min	-0.83	-15.56	-30.34	-1.25	-2.91	-2.50	34.1	3.2	0.14	9.32	7.65	**16.27**

2062	728	1166	slu	Max	-0.06	-32.85	42.35	0.67	-0.38	-0.36	53.6	0.8	0.01	2.25	12.02	**20.94**
2062	728	1239	slu	Max	0.35	61.24	-21.42	-0.14	0.50	0.32	64.9	0.5	0.06	1.52	14.55	**25.25**
2062	728	1166	slu	Min	-0.35	-61.24	22.86	-0.48	-0.95	-0.82	65.4	1.1	0.06	3.13	14.66	**25.59**
2062	728	1239	slu	Min	0.06	32.85	-40.91	-2.50	-0.01	-0.23	52.5	2.5	0.01	7.33	11.76	**21.66**
2063	729	1247	s	Max	0.88	48.36	23.09	1.40	1.72	1.42	53.6	2.2	0.15	6.50	12.02	**21.85**
2063	729	1248	s	Max	0.93	64.22	17.00	0.48	2.08	1.31	66.4	2.1	0.16	6.26	14.90	**26.59**
2063	729	1247	s	Min	-0.93	-64.22	-16.04	-2.41	-1.89	-1.44	66.2	3.1	0.16	9.00	14.84	**27.29**
2063	729	1248	s	Min	-0.88	-48.36	-22.13	-1.08	-1.85	-1.17	53.2	2.1	0.15	6.29	11.93	**21.63**
2063	729	1247	slu	Max	-0.26	94.75	4.34	5.21	1.13	-0.27	94.9	5.3	0.04	15.66	21.27	**40.04**
2063	729	1248	slu	Max	0.94	9.71	34.48	-0.27	-0.06	-0.12	35.8	0.3	0.16	0.82	8.03	**13.95**
2063	729	1247	slu	Min	-0.94	-9.71	-33.51	-0.53	-0.07	-1.32	34.9	0.5	0.16	1.56	7.82	**13.66**
2063	729	1248	slu	Min	0.26	-94.75	-3.08	-0.41	-2.06	-1.51	94.8	2.1	0.04	6.18	21.26	**37.34**
2064	730	1166	s	Max	1.32	48.02	22.46	0.16	1.64	0.56	53.0	1.6	0.22	4.84	11.89	**21.20**
2064	730	1247	s	Max	1.37	67.43	15.57	1.52	2.76	2.81	69.2	3.2	0.23	9.26	15.52	**28.50**
2064	730	1166	s	Min	-1.37	-67.43	-14.60	-0.89	-1.92	-0.83	69.0	2.1	0.23	6.22	15.47	**27.56**
2064	730	1247	s	Min	-1.32	-48.02	-21.49	-1.64	-2.50	-2.63	52.6	3.0	0.22	8.78	11.80	**22.33**
2064	730	1166	slu	Max	0.17	97.13	5.83	0.05	-0.10	-0.31	97.3	0.1	0.03	0.32	21.82	**37.79**
2064	730	1247	slu	Max	0.14	13.46	30.70	-0.62	0.41	0.65	33.5	0.7	0.02	2.17	7.52	**13.20**
2064	730	1166	slu	Min	-0.14	-13.46	-29.73	-0.81	-0.41	-0.78	32.6	0.9	0.02	2.67	7.32	**12.96**
2064	730	1247	slu	Min	-0.17	-97.13	-4.57	-4.11	0.00	0.08	97.2	4.1	0.03	12.07	21.80	**39.65**
2065	731	1247	s	Max	1.95	1.49	1.89	1.40	1.29	1.49	2.4	1.9	0.33	5.58	0.54	**5.98**
2065	731	1239	s	Max	1.95	5.03	3.34	2.26	2.62	1.65	6.0	3.5	0.33	10.17	1.35	**10.76**
2065	731	1247	s	Min	-1.95	-5.03	-3.03	-0.27	-1.37	-1.65	5.9	1.4	0.33	4.10	1.32	**4.98**
2065	731	1239	s	Min	-1.95	-1.49	-1.58	-1.03	-2.54	-1.49	2.2	2.7	0.33	8.04	0.49	**8.41**
2065	731	1247	slu	Max	0.88	2.38	2.81	1.14	-0.34	0.67	3.7	1.2	0.15	3.50	0.83	**3.92**
2065	731	1239	slu	Max	-0.25	3.75	0.16	1.35	2.01	0.14	3.7	2.4	0.04	7.12	0.84	**7.31**
2065	731	1247	slu	Min	0.25	-3.75	0.24	-1.10	-1.43	-0.14	3.8	1.8	0.04	5.30	0.84	**5.54**
2065	731	1239	slu	Min	-0.88	-2.38	-2.51	-0.48	0.54	-0.67	3.5	0.7	0.15	2.12	0.77	**2.64**
2066	732	1166	s	Max	4.71	1.17	6.44	1.68	1.91	2.04	6.5	2.5	0.79	7.48	1.47	**8.65**
2066	732	1245	s	Max	3.40	2.58	19.49	2.03	4.41	2.29	19.7	4.9	0.57	14.25	4.41	**16.67**
2066	732	1166	s	Min	-3.40	-2.58	-18.88	-0.53	-1.40	-2.29	19.1	1.5	0.57	4.40	4.27	**8.92**
2066	732	1245	s	Min	-4.71	-1.17	-5.83	-1.29	-3.18	-2.04	5.9	3.4	0.79	10.07	1.33	**11.10**
2066	732	1166	slu	Max	3.23	-0.66	-13.07	1.98	0.81	-0.12	13.1	2.1	0.54	6.28	2.93	**8.51**

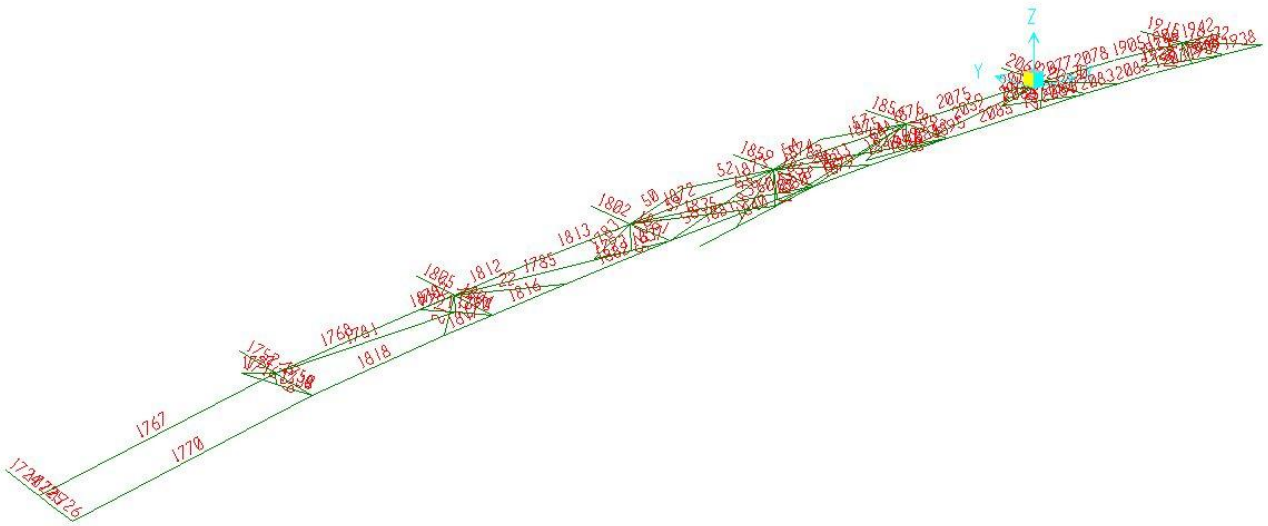
2066	732	1245	slu	Max	-1.43	3.03	23.45	2.06	3.50	0.58	23.6	4.1	0.24	11.93	5.30	**15.25**
2066	732	1166	slu	Min	1.43	-3.03	-22.65	0.42	0.22	-0.58	22.9	0.5	0.24	1.39	5.12	**9.02**
2066	732	1245	slu	Min	-3.23	0.66	13.87	0.46	1.55	0.12	13.9	1.6	0.54	4.75	3.11	**7.56**
2067	733	1239	s	Max	0.40	54.75	2.68	2.06	1.66	0.43	54.8	2.6	0.07	7.75	12.29	**22.68**
2067	733	1242	s	Max	0.34	44.73	1.80	0.93	1.85	0.47	44.8	2.1	0.06	6.07	10.04	**18.43**
2067	733	1239	s	Min	-0.34	-44.73	-0.88	-3.10	-1.85	-0.36	44.7	3.6	0.06	10.59	10.03	**20.38**
2067	733	1242	s	Min	-0.40	-54.75	-1.76	-1.64	-1.66	-0.41	54.8	2.3	0.07	6.84	12.28	**22.37**
2067	733	1239	slu	Max	0.27	4.58	1.04	6.37	2.23	0.05	4.7	6.8	0.04	19.82	1.05	**19.95**
2067	733	1242	slu	Max	0.03	208.99	3.77	0.24	-0.11	0.74	209.0	0.3	0.00	0.79	46.87	**81.18**
2067	733	1239	slu	Min	-0.03	-208.99	-2.85	-0.44	0.11	-0.20	209.0	0.5	0.00	1.35	46.86	**81.18**
2067	733	1242	slu	Min	-0.27	-4.58	0.16	-0.43	-2.23	0.09	4.6	2.3	0.04	6.67	1.03	**6.95**
2068	734	1245	s	Max	0.76	64.22	3.16	1.65	2.25	0.68	64.3	2.8	0.13	8.20	14.42	**26.32**
2068	734	1239	s	Max	0.95	35.09	2.20	2.13	2.35	0.95	35.2	3.2	0.16	9.30	7.88	**16.61**
2068	734	1245	s	Min	-0.95	-35.09	-1.28	-3.07	-2.35	-0.94	35.1	3.9	0.16	11.34	7.87	**17.84**
2068	734	1239	s	Min	-0.76	-64.22	-2.24	-2.65	-2.25	-1.06	64.3	3.5	0.13	10.20	14.41	**27.01**
2068	734	1245	slu	Max	0.03	27.10	2.39	0.32	0.11	0.33	27.2	0.3	0.01	0.98	6.10	**10.61**
2068	734	1239	slu	Max	0.45	252.29	-0.10	-0.86	0.24	-0.13	252.3	0.9	0.08	2.63	56.57	**98.02**
2068	734	1245	slu	Min	-0.45	-252.29	1.30	-1.27	-0.24	-0.47	252.3	1.3	0.08	3.78	56.57	**98.06**
2068	734	1239	slu	Min	-0.03	-27.10	-1.47	-3.82	-0.11	-0.45	27.1	3.8	0.01	11.21	6.09	**15.39**
2069	735	762	s	Max	2.53	110.45	4.40	1.80	1.51	3.03	110.5	2.4	0.43	6.90	24.79	**43.55**
2069	735	1245	s	Max	1.89	40.84	2.22	1.77	1.42	2.03	40.9	2.3	0.32	6.66	9.17	**17.35**
2069	735	762	s	Min	-1.89	-40.84	-1.30	-4.59	-1.42	-2.29	40.9	4.8	0.32	14.11	9.16	**21.45**
2069	735	1245	s	Min	-2.53	-110.45	-3.49	-3.34	-1.51	-1.50	110.5	3.7	0.43	10.77	24.78	**44.35**
2069	735	762	slu	Max	1.30	68.78	3.58	-1.31	0.08	1.50	68.9	1.3	0.22	3.86	15.44	**27.06**
2069	735	1245	slu	Max	-0.56	187.59	-0.92	-1.53	0.50	1.10	187.6	1.6	0.09	4.73	42.06	**73.02**
2069	735	762	slu	Min	0.56	-187.59	2.11	-3.01	-0.50	0.62	187.6	3.0	0.09	8.95	42.07	**73.42**
2069	735	1245	slu	Min	-1.30	-68.78	-2.39	-2.96	-0.08	0.51	68.8	3.0	0.22	8.71	15.43	**28.18**
2072	736	1107	s	Max	113.30	1.71	2.76	1.99	5.46	1.46	3.2	5.8	19.05	17.06	0.73	**36.13**
2072	736	1245	s	Max	76.75	1.70	6.12	2.07	5.77	1.88	6.3	6.1	12.91	18.01	1.42	**31.02**
2072	736	1107	s	Min	-76.75	-1.70	-5.22	-2.06	-2.02	-1.42	5.5	2.9	12.91	8.46	1.23	**21.48**
2072	736	1245	s	Min	-113.30	-1.71	-1.86	-2.00	-1.21	-1.90	2.5	2.3	19.05	6.87	0.57	**25.94**
2072	736	1107	slu	Max	90.19	0.76	-4.92	-0.02	11.53	0.64	5.0	11.5	15.17	33.86	1.12	**49.07**
2072	736	1245	slu	Max	-32.42	0.02	13.94	0.50	17.98	0.84	13.9	18.0	5.45	52.82	3.13	**58.52**

2072	736	1107	slu	Min	32.42	-0.02	-12.78	-0.51	5.28	-0.09	12.8	5.3	5.45	15.58	2.86	**21.60**
2072	736	1245	slu	Min	-90.19	-0.76	6.08	-0.01	7.44	-0.06	6.1	7.4	15.17	21.84	1.37	**37.09**
2075	739	1110	s	Max	165.18	0.24	7.33	2.06	1.61	0.43	7.3	2.6	27.78	7.67	1.64	**35.57**
2075	739	1243	s	Max	135.17	0.27	4.32	2.11	3.43	0.45	4.3	4.0	22.73	11.83	0.97	**34.60**
2075	739	1110	s	Min	-135.17	-0.27	-2.69	-2.11	-5.56	-0.47	2.7	5.9	22.73	17.46	0.61	**40.21**
2075	739	1243	s	Min	-165.18	-0.24	-5.70	-2.05	-6.86	-0.51	5.7	7.2	27.78	21.03	1.28	**48.86**
2075	739	1110	slu	Max	77.91	-0.04	8.65	0.22	-3.72	-0.05	8.7	3.7	13.10	10.93	1.94	**24.27**
2075	739	1243	slu	Max	-19.68	0.58	-2.31	0.15	-5.17	-0.07	2.4	5.2	3.31	15.20	0.53	**18.53**
2075	739	1110	slu	Min	19.68	-0.58	4.43	-0.09	-7.21	-1.63	4.5	7.2	3.31	21.16	1.00	**24.53**
2075	739	1243	slu	Min	-77.91	0.04	-6.53	-0.19	-11.44	-0.44	6.5	11.4	13.10	33.59	1.47	**46.76**
2076	740	1243	s	Max	147.61	0.98	4.75	2.06	6.86	0.85	4.8	7.2	24.82	21.03	1.09	**45.90**
2076	740	1239	s	Max	119.37	0.66	8.37	2.11	7.17	1.06	8.4	7.5	20.07	21.95	1.88	**42.15**
2076	740	1243	s	Min	-119.37	-0.66	-7.48	-2.12	-3.43	-0.58	7.5	4.0	20.07	11.85	1.68	**32.06**
2076	740	1239	s	Min	-147.61	-0.98	-3.85	-2.05	-2.42	-0.72	4.0	3.2	24.82	9.31	0.89	**34.17**
2076	740	1243	slu	Max	86.33	3.36	-5.05	0.06	11.44	4.10	6.1	11.4	14.52	33.58	1.36	**48.16**
2076	740	1239	slu	Max	-23.59	-0.34	14.13	0.21	18.32	2.54	14.1	18.3	3.97	53.78	3.17	**58.01**
2076	740	1243	slu	Min	23.59	0.34	-12.96	-0.34	5.17	0.30	13.0	5.2	3.97	15.22	2.91	**19.84**
2076	740	1239	slu	Min	-86.33	-3.36	6.22	-0.17	7.83	0.36	7.1	7.8	14.52	22.99	1.58	**37.61**
2084	748	1244	s	Max	193.77	1.07	6.98	1.77	6.48	0.71	7.1	6.7	32.59	19.73	1.58	**52.39**
2084	748	1248	s	Max	176.54	0.73	7.71	2.34	13.95	1.37	7.7	14.1	29.69	41.52	1.74	**71.27**
2084	748	1244	s	Min	-176.54	-0.73	-6.82	-2.37	-5.77	-0.43	6.9	6.2	29.69	18.30	1.54	**48.06**
2084	748	1248	s	Min	-193.77	-1.07	-6.10	-1.75	-12.59	-0.99	6.2	12.7	32.59	37.31	1.39	**69.94**
2084	748	1244	slu	Max	45.71	4.88	18.65	0.09	0.22	3.96	19.3	0.2	7.69	0.71	4.32	**11.25**
2084	748	1248	slu	Max	19.23	-0.40	0.40	0.38	-0.23	9.47	0.6	0.4	3.23	1.30	0.13	**4.54**
2084	748	1244	slu	Min	-19.23	-11.41	0.76	-0.40	-10.43	-3.49	11.4	10.4	3.23	30.63	2.56	**34.15**
2084	748	1248	slu	Min	-45.71	-17.60	-17.76	-0.22	-25.54	0.46	25.0	25.5	7.69	74.99	5.61	**83.25**
2084	749	1248	s	Max	193.90	48.80	14.98	1.31	13.26	1.18	51.0	13.3	32.61	39.11	11.45	**74.41**
2084	749	1242	s	Max	176.72	64.32	11.48	1.30	14.69	1.37	65.3	14.7	29.72	43.30	14.65	**77.30**
2084	749	1248	s	Min	-176.72	-64.32	-11.47	-1.30	-14.85	-1.70	65.3	14.9	29.72	43.75	14.65	**77.73**
2084	749	1242	s	Min	-193.90	-48.80	-14.98	-1.31	-13.15	-1.06	51.0	13.2	32.61	38.78	11.45	**74.09**
2084	749	1248	slu	Max	45.32	112.35	2.68	0.57	27.61	-0.34	112.4	27.6	7.62	81.07	25.20	**98.85**
2084	749	1242	slu	Max	19.94	9.31	16.72	-0.03	-0.32	9.63	19.1	0.3	3.35	0.94	4.29	**8.58**
2084	749	1248	slu	Min	-19.94	-9.31	-16.72	0.03	0.28	-8.09	19.1	0.3	3.35	0.84	4.29	**8.53**

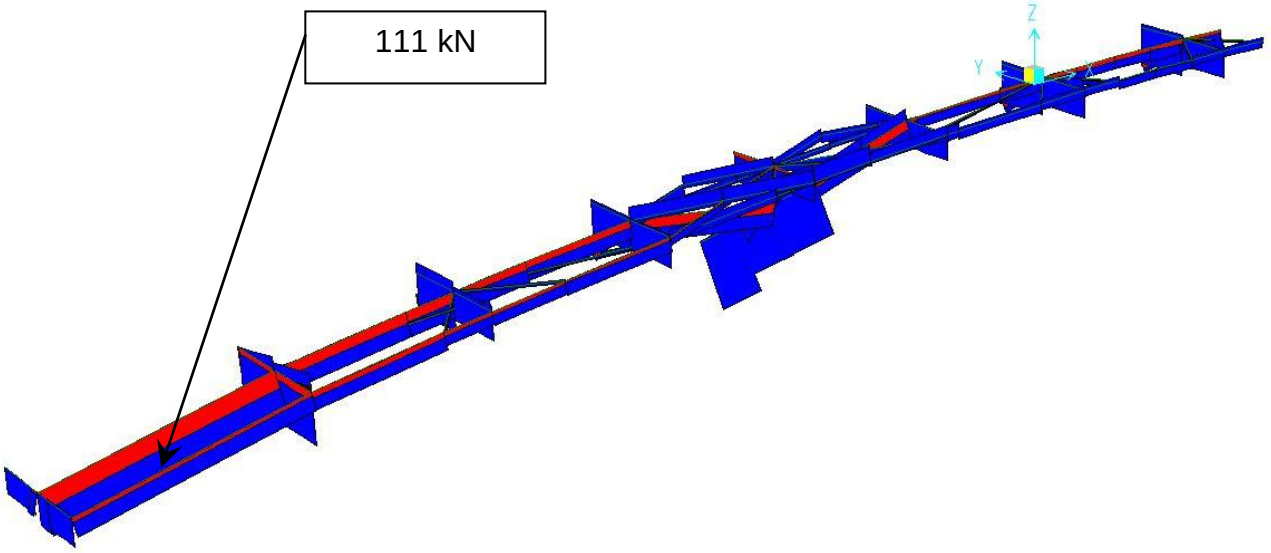
2084	749	1242	slu	Min	-45.32	-112.56	-2.67	-0.60	-27.38	0.21	112.6	27.4	7.62	80.41	25.24	**98.30**
2085	750	1111	s	Max	191.61	0.25	8.44	2.13	2.68	0.52	8.4	3.4	32.22	10.06	1.89	**42.41**
2085	750	1244	s	Max	175.36	0.32	7.08	2.03	5.71	0.38	7.1	6.1	29.49	17.79	1.59	**47.36**
2085	750	1111	s	Min	-175.36	-0.32	-5.45	-2.02	-4.90	-0.65	5.5	5.3	29.49	15.55	1.22	**45.09**
2085	750	1244	s	Min	-191.61	-0.25	-6.81	-2.13	-6.55	-0.50	6.8	6.9	32.22	20.22	1.53	**52.51**
2085	750	1111	slu	Max	53.66	-0.06	1.91	0.81	-0.16	0.21	1.9	0.8	9.02	2.43	0.43	**11.48**
2085	750	1244	slu	Max	19.48	0.40	4.29	-0.07	10.35	12.82	4.3	10.4	3.28	30.39	0.97	**33.71**
2085	750	1111	slu	Min	-19.48	-27.07	-2.66	0.07	-1.75	-14.44	27.2	1.8	3.28	5.14	6.10	**13.51**
2085	750	1244	slu	Min	-53.66	-26.16	0.21	-0.76	-0.31	-1.57	26.2	0.8	9.02	2.41	5.86	**15.29**

Analizzando il solo quarto di struttura sul quadrante sinistro in posizione bassa, sulle sole aste della struttura di copertura su cui convergono i pendini ancorati all'arco, si avrabnno le seguenti sollecitazioni e verifiche :

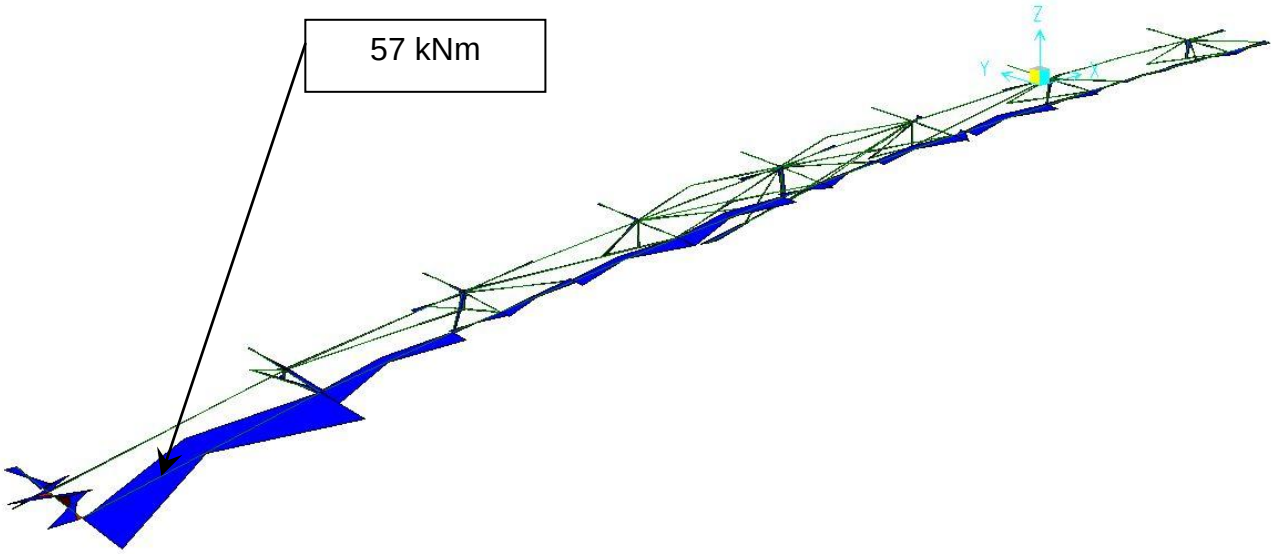
NUMERAZIONE ASTE



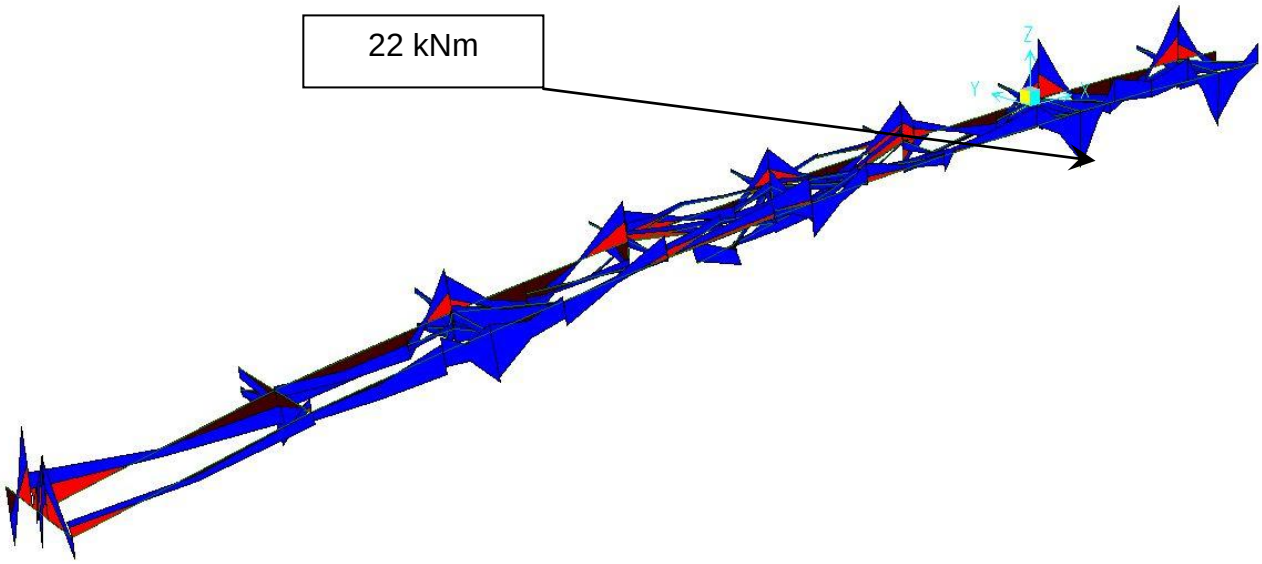
AZIONE ASSIALE



MOMENTO 2-2



MOMENTO 3-3



Frame	FrameElem	Joint	OutputCase	StepType	F1	F2	F3	M1	M2	M3	F	M	σn	σm	τ	σid
Text	Text	Text	Text	Text	KN	KN	KN	KN-m	KN-m	KN-m	KN	KN-m	MPa	MPa	MPa	MPa
Tubolari ϕ 244.6/8 mm																
A=	0.0059 m^2															
W=	0.0003 m^3															
21	917	1100	s	Max	31.58	42.76	7.63	-0.41	2.86	-0.02	43.4	2.9	5.31	8.49	9.74	**21.80**
21	917	1094	s	Max	-5.51	-6.20	1.97	6.39	1.16	2.08	6.5	6.5	0.93	19.05	1.46	**20.14**
21	917	1100	s	Min	5.51	6.20	-0.47	-2.60	1.73	-1.01	6.2	3.1	0.93	9.17	1.39	**10.38**
21	917	1094	s	Min	-31.58	-42.76	-6.47	-1.98	-7.06	-0.67	43.2	7.3	5.31	21.54	9.70	**31.67**
21	917	1100	sle	Max	19.71	24.86	2.60	-1.22	2.26	-1.46	25.0	2.6	3.31	7.54	5.61	**14.56**
21	917	1094	sle	Max	-8.58	-9.62	3.06	0.54	3.24	-0.43	10.1	3.3	1.44	9.64	2.26	**11.76**
21	917	1100	sle	Min	8.58	9.62	-1.90	-2.40	2.13	-1.51	9.8	3.2	1.44	9.42	2.20	**11.51**
21	917	1094	sle	Min	-19.71	-24.86	-1.44	-4.38	-1.56	-1.21	24.9	4.7	3.31	13.66	5.58	**19.54**
22	918	1094	s	Max	9.08	1.64	3.63	4.41	7.06	-0.13	4.0	8.3	1.53	24.42	0.89	**25.99**
22	918	1097	s	Max	3.23	7.73	2.80	0.00	-0.58	-0.07	8.2	0.6	0.54	1.71	1.84	**3.91**
22	918	1094	s	Min	-3.23	-7.73	-1.37	-2.19	-1.39	-1.97	7.9	2.6	0.54	7.61	1.76	**8.71**
22	918	1097	s	Min	-9.08	-1.64	-1.77	-1.36	-3.16	-1.67	2.4	3.4	1.53	10.10	0.54	**11.66**

22	918	1094	sle	Max	10.65	-6.03	4.86	0.09	2.50	0.16	7.7	2.5	1.79	7.35	1.74	**9.62**
22	918	1097	sle	Max	-7.26	9.16	-0.83	-1.56	-4.01	0.05	9.2	4.3	1.22	12.63	2.06	**14.30**
22	918	1094	sle	Min	7.26	-9.16	2.26	-3.88	-2.96	-0.31	9.4	4.9	1.22	14.33	2.12	**15.97**
22	918	1097	sle	Min	-10.65	6.03	-3.43	-1.94	-4.22	-0.15	6.9	4.6	1.79	13.62	1.56	**15.65**
23	919	1122	s	Max	36.09	50.11	4.96	2.38	0.64	0.80	50.4	2.5	6.07	7.24	11.29	**23.65**
23	919	1118	s	Max	-4.44	-6.44	-0.84	3.83	0.70	1.95	6.5	3.9	0.75	11.43	1.46	**12.43**
23	919	1122	s	Min	4.44	6.44	2.16	-0.38	-2.31	-2.00	6.8	2.3	0.75	6.86	1.52	**8.05**
23	919	1118	s	Min	-36.09	-50.11	-3.50	-1.44	-2.24	0.12	50.2	2.7	6.07	7.83	11.26	**23.95**
23	919	1122	sle	Max	20.61	27.49	3.54	2.40	-1.80	0.11	27.7	3.0	3.47	8.79	6.22	**16.32**
23	919	1118	sle	Max	-5.27	-7.55	-1.08	2.80	1.52	0.09	7.6	3.2	0.89	9.34	1.71	**10.64**
23	919	1122	sle	Min	5.27	7.55	2.21	0.87	-3.37	-1.69	7.9	3.5	0.89	10.21	1.76	**11.51**
23	919	1118	sle	Min	-20.61	-27.49	-2.41	-0.32	-0.33	-0.44	27.6	0.5	3.47	1.36	6.19	**11.75**
24	920	1118	s	Max	22.62	3.41	1.99	1.63	1.20	-0.16	4.0	2.0	3.80	5.93	0.89	**9.86**
24	920	1116	s	Max	5.80	22.39	2.23	0.65	1.34	-0.23	22.5	1.5	0.98	4.38	5.05	**10.25**
24	920	1118	s	Min	-5.80	-22.39	-0.45	-0.15	-0.96	-2.74	22.4	1.0	0.98	2.84	5.02	**9.50**
24	920	1116	s	Min	-22.62	-3.41	-0.62	-0.55	-0.63	-2.36	3.5	0.8	3.80	2.47	0.78	**6.41**
24	920	1118	sle	Max	23.26	-5.02	2.48	-0.44	-1.06	-0.40	5.6	1.1	3.91	3.37	1.25	**7.60**
24	920	1116	sle	Max	-5.10	21.28	0.21	0.44	0.89	-0.01	21.3	1.0	0.86	2.92	4.77	**9.09**
24	920	1118	sle	Min	5.10	-21.28	1.16	-0.70	-1.23	-0.56	21.3	1.4	0.86	4.16	4.78	**9.68**
24	920	1116	sle	Min	-23.26	5.02	-1.11	-0.17	0.36	-0.50	5.1	0.4	3.91	1.16	1.15	**5.45**
29	925	1244	s	Max	9.65	9.90	3.71	0.84	0.31	0.68	10.6	0.9	1.62	2.61	2.37	**5.90**
29	925	1239	s	Max	-3.43	-4.57	1.14	4.90	0.49	1.54	4.7	4.9	0.58	14.46	1.06	**15.14**
29	925	1244	s	Min	3.43	4.57	0.53	-0.37	-0.20	-0.94	4.6	0.4	0.58	1.23	1.03	**2.54**
29	925	1239	s	Min	-9.65	-9.90	-2.43	-0.44	-5.64	-0.01	10.2	5.7	1.62	16.61	2.29	**18.66**
29	925	1244	sle	Max	9.33	8.85	1.54	0.08	0.40	0.00	9.0	0.4	1.57	1.20	2.01	**4.46**
29	925	1239	sle	Max	-5.86	-6.04	0.65	1.36	0.03	0.03	6.1	1.4	0.99	4.00	1.36	**5.52**
29	925	1244	sle	Min	5.86	6.04	0.63	-0.22	0.23	-1.07	6.1	0.3	0.99	0.95	1.36	**3.05**
29	925	1239	sle	Min	-9.33	-8.85	-0.26	-0.04	-1.78	-0.35	8.9	1.8	1.57	5.22	1.99	**7.61**
30	926	1239	s	Max	22.03	-6.92	1.04	8.84	9.24	0.09	7.0	12.8	3.70	37.55	1.57	**41.34**
30	926	1241	s	Max	-5.60	29.51	5.68	1.65	-0.11	0.19	30.1	1.6	0.94	4.84	6.74	**13.03**
30	926	1239	s	Min	5.60	-29.51	-4.51	-0.22	-0.27	-2.09	29.9	0.3	0.94	1.02	6.69	**11.76**
30	926	1241	s	Min	-22.03	6.92	0.49	-0.26	-0.99	-0.44	6.9	1.0	3.70	2.99	1.55	**7.22**
30	926	1239	sle	Max	16.22	-10.46	-0.05	3.17	3.51	0.03	10.5	4.7	2.73	13.89	2.35	**17.11**

30	926	1241	sle	Max	-8.36	20.83	2.35	0.57	-0.15	0.17	21.0	0.6	1.41	1.73	4.70	**8.73**
30	926	1239	sle	Min	8.36	-20.83	-1.18	1.23	1.23	-0.40	20.9	1.7	1.41	5.12	4.68	**10.40**
30	926	1241	sle	Min	-16.22	10.46	1.22	0.13	-0.56	-0.05	10.5	0.6	2.73	1.69	2.36	**6.02**
31	927	1171	s	Max	22.03	29.52	5.67	1.64	0.98	0.44	30.1	1.9	3.70	5.61	6.74	**14.94**
31	927	1177	s	Max	-5.59	-6.90	1.05	8.83	0.31	2.09	7.0	8.8	0.94	25.93	1.56	**27.00**
31	927	1171	s	Min	5.59	6.90	0.47	-0.27	0.10	-0.19	6.9	0.3	0.94	0.83	1.55	**3.22**
31	927	1177	s	Min	-22.03	-29.52	-4.50	-0.25	-9.23	-0.09	29.9	9.2	3.70	27.10	6.70	**32.91**
31	927	1171	sle	Max	16.21	20.82	2.34	0.56	0.55	0.05	20.9	0.8	2.73	2.30	4.70	**9.56**
31	927	1177	sle	Max	-7.23	-9.03	-0.22	3.15	-1.62	0.40	9.0	3.5	1.22	10.40	2.03	**12.13**
31	927	1171	sle	Min	7.23	9.03	1.39	0.24	0.28	-0.14	9.1	0.4	1.22	1.09	2.05	**4.23**
31	927	1177	sle	Min	-16.21	-20.82	-1.17	1.46	-3.47	-0.06	20.9	3.8	2.73	11.05	4.68	**15.98**
32	928	1177	s	Max	9.68	-4.60	1.16	4.89	5.62	0.02	4.7	7.5	1.63	21.89	1.06	**23.59**
32	928	1174	s	Max	-3.47	10.04	3.70	0.83	0.13	0.95	10.7	0.8	0.58	2.48	2.40	**5.16**
32	928	1177	s	Min	3.47	-10.04	-2.42	-0.47	-0.54	-1.53	10.3	0.7	0.58	2.11	2.32	**4.83**
32	928	1174	s	Min	-9.68	4.60	0.51	-0.38	-0.29	-0.61	4.6	0.5	1.63	1.40	1.04	**3.52**
32	928	1177	sle	Max	9.40	-8.02	0.39	1.34	1.73	0.36	8.0	2.2	1.58	6.41	1.80	**8.58**
32	928	1174	sle	Max	-7.83	8.92	1.52	0.07	-0.27	1.08	9.0	0.3	1.32	0.81	2.03	**4.11**
32	928	1177	sle	Min	7.83	-8.92	-0.24	0.35	0.45	-0.02	8.9	0.6	1.32	1.67	2.00	**4.58**
32	928	1174	sle	Min	-9.40	8.02	0.90	-0.16	-0.38	0.06	8.1	0.4	1.58	1.22	1.81	**4.20**
50	863	21	s	Max	7.87	3.06	0.11	0.69	0.99	0.43	3.1	1.2	1.32	3.55	0.69	**5.02**
50	863	1123	s	Max	67.24	25.66	7.23	1.80	-3.51	0.54	26.7	3.9	11.31	11.57	5.98	**25.11**
50	863	21	s	Min	-67.24	-25.66	-5.93	-0.61	-0.24	-0.21	26.3	0.7	11.31	1.92	5.90	**16.72**
50	863	1123	s	Min	-7.87	-3.06	1.59	0.66	-6.67	-0.04	3.4	6.7	1.32	19.67	0.77	**21.03**
50	863	21	sle	Max	12.69	4.92	0.02	0.09	1.29	-0.29	4.9	1.3	2.13	3.79	1.10	**6.22**
50	863	1123	sle	Max	7.54	2.75	2.49	1.95	-4.57	0.05	3.7	5.0	1.27	14.59	0.83	**15.92**
50	863	21	sle	Min	-7.54	-2.75	-1.18	-0.69	1.07	-0.32	3.0	1.3	1.27	3.75	0.67	**5.15**
50	863	1123	sle	Min	-12.69	-4.92	1.29	1.58	-5.42	-0.07	5.1	5.6	2.13	16.57	1.14	**18.81**
52	865	1118	s	Max	55.00	8.15	5.68	-0.02	1.78	0.34	9.9	1.8	9.25	5.22	2.23	**14.97**
52	865	21	s	Max	21.01	20.72	2.31	0.86	0.01	0.03	20.8	0.9	3.53	2.54	4.67	**10.12**
52	865	1118	s	Min	-21.01	-20.72	-0.61	-0.45	0.91	-0.36	20.7	1.0	3.53	2.99	4.65	**10.36**
52	865	21	s	Min	-55.00	-8.15	-4.37	0.27	-1.40	-0.40	9.2	1.4	9.25	4.20	2.07	**13.92**
52	865	1118	sle	Max	82.67	-18.13	7.79	-0.44	1.98	0.35	19.7	2.0	13.90	5.96	4.43	**21.29**
52	865	21	sle	Max	-48.22	31.29	-3.28	1.01	-0.39	0.05	31.5	1.1	8.11	3.18	7.06	**16.64**

52	865	1118	sle	Min	48.22	-31.29	4.59	-0.53	1.49	-0.11	31.6	1.6	8.11	4.63	7.09	**17.70**
52	865	21	sle	Min	-82.67	18.13	-6.49	0.65	-1.17	0.01	19.3	1.3	13.90	3.94	4.32	**19.34**
54	867	22	s	Max	38.03	14.16	1.98	0.60	1.76	0.45	14.3	1.9	6.40	5.45	3.20	**13.08**
54	867	1118	s	Max	26.89	10.45	2.54	1.35	0.60	0.40	10.8	1.5	4.52	4.33	2.41	**9.79**
54	867	22	s	Min	-26.89	-10.45	-0.84	-0.62	0.34	0.05	10.5	0.7	4.52	2.09	2.35	**7.76**
54	867	1118	s	Min	-38.03	-14.16	-0.68	-1.15	-2.55	-0.04	14.2	2.8	6.40	8.22	3.18	**15.62**
54	867	22	sle	Max	67.92	25.68	3.95	0.54	1.52	0.04	26.0	1.6	11.42	4.72	5.83	**19.04**
54	867	1118	sle	Max	-35.31	-13.35	-1.89	0.40	0.11	-0.15	13.5	0.4	5.94	1.22	3.02	**8.87**
54	867	22	sle	Min	35.31	13.35	3.19	0.02	0.90	0.01	13.7	0.9	5.94	2.64	3.08	**10.10**
54	867	1118	sle	Min	-67.92	-25.68	-2.65	-1.14	-1.99	-0.29	25.8	2.3	11.42	6.74	5.79	**20.75**
57	870	1109	s	Max	20.93	16.39	3.11	0.88	5.10	0.14	16.7	5.2	3.52	15.20	3.74	**19.81**
57	870	22	s	Max	42.32	8.02	1.83	0.92	0.24	0.21	8.2	1.0	7.12	2.80	1.84	**10.42**
57	870	1109	s	Min	-42.32	-8.02	-0.53	0.27	2.96	-0.64	8.0	3.0	7.12	8.74	1.80	**16.16**
57	870	22	s	Min	-20.93	-16.39	-1.41	0.21	-0.60	-0.54	16.4	0.6	3.52	1.86	3.69	**8.35**
57	870	1109	sle	Max	32.75	-5.62	3.63	0.93	3.99	0.21	6.7	4.1	5.51	12.03	1.50	**17.73**
57	870	22	sle	Max	-14.65	12.54	-1.13	0.30	-0.52	0.31	12.6	0.6	2.46	1.78	2.82	**6.47**
57	870	1109	sle	Min	14.65	-12.54	2.44	0.67	3.13	0.12	12.8	3.2	2.46	9.40	2.86	**12.86**
57	870	22	sle	Min	-32.75	5.62	-2.33	0.23	-0.84	0.15	6.1	0.9	5.51	2.55	1.36	**8.40**
58	871	23	s	Max	-10.02	-3.73	-0.63	0.88	2.77	0.93	3.8	2.9	1.68	8.54	0.85	**10.33**
58	871	1124	s	Max	46.55	17.74	5.57	1.43	-3.13	1.42	18.6	3.4	7.83	10.12	4.17	**19.34**
58	871	23	s	Min	-46.55	-17.74	-3.91	-0.71	-0.21	-0.26	18.2	0.7	7.83	2.17	4.07	**12.24**
58	871	1124	s	Min	10.02	3.73	2.33	0.32	-5.35	0.13	4.4	5.4	1.68	15.75	0.99	**17.52**
58	871	23	sle	Max	-2.20	-1.17	-0.05	-1.35	3.35	0.10	1.2	3.6	0.37	10.59	0.26	**10.97**
58	871	1124	sle	Max	13.68	5.04	2.09	1.94	-3.97	0.81	5.5	4.4	2.30	12.97	1.22	**15.41**
58	871	23	sle	Min	-13.68	-5.04	-0.79	-1.56	2.56	-0.48	5.1	3.0	2.30	8.80	1.14	**11.27**
58	871	1124	sle	Min	2.20	1.17	1.36	1.81	-4.30	0.18	1.8	4.7	0.37	13.69	0.40	**14.07**
59	872	23	s	Max	73.76	6.89	5.78	-0.50	1.87	-0.40	9.0	1.9	12.40	5.68	2.02	**18.41**
59	872	1123	s	Max	17.17	27.32	3.40	0.37	-2.73	-0.27	27.5	2.8	2.89	8.10	6.17	**15.33**
59	872	23	s	Min	-17.17	-27.32	-1.70	-1.09	0.15	-0.98	27.4	1.1	2.89	3.24	6.14	**12.27**
59	872	1123	s	Min	-73.76	-6.89	-4.48	-0.61	-4.32	-0.77	8.2	4.4	12.40	12.82	1.84	**25.43**
59	872	23	sle	Max	70.25	-5.17	5.62	-1.17	1.41	-0.57	7.6	1.8	11.81	5.39	1.71	**17.46**
59	872	1123	sle	Max	-14.70	26.17	0.06	0.75	-2.48	-0.21	26.2	2.6	2.47	7.60	5.87	**14.31**
59	872	23	sle	Min	14.70	-26.17	1.25	-1.28	0.91	-0.61	26.2	1.6	2.47	4.60	5.88	**12.39**

59	872	1123	sle	Min	-70.25	5.17	-4.31	0.68	-2.92	-0.37	6.7	3.0	11.81	8.81	1.51	**20.79**
60	873	1119	s	Max	73.52	6.81	6.40	2.94	9.48	0.87	9.3	9.9	12.36	29.14	2.10	**41.66**
60	873	23	s	Max	17.58	27.98	1.72	0.95	0.90	0.26	28.0	1.3	2.96	3.85	6.28	**12.84**
60	873	1119	s	Min	-17.58	-27.98	-0.02	-0.69	1.33	-0.25	28.0	1.5	2.96	4.39	6.27	**13.12**
60	873	23	s	Min	-73.52	-6.81	-5.09	-0.14	-1.69	-0.24	8.5	1.7	12.36	4.99	1.91	**17.66**
60	873	1119	sle	Max	69.29	-5.39	8.22	2.70	10.12	1.07	9.8	10.5	11.65	30.76	2.20	**42.59**
60	873	23	sle	Max	-12.82	26.63	-4.47	1.40	0.79	0.54	27.0	1.6	2.16	4.72	6.05	**12.54**
60	873	1119	sle	Min	12.82	-26.63	5.78	0.57	5.86	0.94	27.2	5.9	2.16	17.30	6.11	**22.15**
60	873	23	sle	Min	-69.29	5.39	-6.91	1.29	-0.33	0.32	8.8	1.3	11.65	3.92	1.97	**15.94**
61	874	1118	s	Max	-8.97	-3.65	-0.59	1.06	2.66	0.87	3.7	2.9	1.51	8.42	0.83	**10.03**
61	874	23	s	Max	44.93	17.44	6.51	0.96	-0.01	0.72	18.6	1.0	7.55	2.83	4.17	**12.65**
61	874	1118	s	Min	-44.93	-17.44	-4.82	-1.34	-1.02	0.32	18.1	1.7	7.55	4.93	4.06	**14.33**
61	874	23	s	Min	8.97	3.65	2.11	-0.24	-4.85	0.00	4.2	4.9	1.51	14.25	0.95	**15.85**
61	874	1118	sle	Max	-1.24	-0.71	-0.04	0.90	1.57	0.50	0.7	1.8	0.21	5.31	0.16	**5.53**
61	874	23	sle	Max	11.80	4.82	4.01	1.44	-3.14	0.55	6.3	3.5	1.98	10.13	1.41	**12.36**
61	874	1118	sle	Min	-11.80	-4.82	-2.71	-0.68	-0.89	0.45	5.5	1.1	1.98	3.29	1.24	**5.69**
61	874	23	sle	Min	1.24	0.71	1.34	1.22	-5.55	0.15	1.5	5.7	0.21	16.69	0.34	**16.91**
62	875	24	s	Max	76.05	28.43	6.44	0.65	2.56	0.54	29.1	2.6	12.79	7.75	6.54	**23.45**
62	875	1119	s	Max	13.28	4.93	2.29	0.74	4.24	0.47	5.4	4.3	2.23	12.64	1.22	**15.03**
62	875	24	s	Min	-13.28	-4.93	-0.59	-1.27	-0.86	0.02	5.0	1.5	2.23	4.49	1.11	**6.99**
62	875	1119	s	Min	-76.05	-28.43	-5.13	-1.12	-1.94	-0.21	28.9	2.2	12.79	6.57	6.48	**22.37**
62	875	24	sle	Max	66.56	24.79	4.86	0.21	1.14	0.37	25.3	1.2	11.19	3.42	5.67	**17.60**
62	875	1119	sle	Max	-10.09	-3.51	-0.52	-0.40	2.01	0.61	3.5	2.0	1.70	6.01	0.80	**7.83**
62	875	24	sle	Min	10.09	3.51	1.83	-0.21	-0.35	0.17	4.0	0.4	1.70	1.20	0.89	**3.28**
62	875	1119	sle	Min	-66.56	-24.79	-3.55	-0.88	0.36	0.37	25.0	0.9	11.19	2.79	5.62	**17.03**
63	876	24	s	Max	-0.11	14.92	0.55	0.47	0.95	0.06	14.9	1.1	0.02	3.13	3.35	**6.59**
63	876	1118	s	Max	39.07	-0.33	3.71	-0.35	-1.40	-0.27	3.7	1.4	6.57	4.23	0.83	**10.90**
63	876	24	s	Min	-39.07	0.33	-2.27	-1.36	-2.20	-0.69	2.3	2.6	6.57	7.58	0.51	**14.18**
63	876	1118	s	Min	0.11	-14.92	1.15	-1.30	-3.22	-0.73	15.0	3.5	0.02	10.18	3.35	**11.74**
63	876	24	sle	Max	15.77	-1.13	0.38	0.76	0.59	-0.21	1.2	1.0	2.65	2.84	0.27	**5.51**
63	876	1118	sle	Max	-4.25	5.65	0.93	-0.89	-1.93	-0.57	5.7	2.1	0.71	6.24	1.28	**7.30**
63	876	24	sle	Min	4.25	-5.65	0.37	-0.21	-0.21	-0.63	5.7	0.3	0.71	0.86	1.27	**2.70**
63	876	1118	sle	Min	-15.77	1.13	0.92	-1.20	-2.82	-0.61	1.5	3.1	2.65	9.01	0.33	**11.67**

64	877	1109	s	Max	75.02	28.10	5.87	-0.52	6.39	0.24	28.7	6.4	12.62	18.83	6.44	**33.36**
64	877	24	s	Max	12.66	4.89	0.08	0.54	0.61	0.38	4.9	0.8	2.13	2.39	1.10	**4.90**
64	877	1109	s	Min	-12.66	-4.89	1.62	-1.72	3.15	0.06	5.1	3.6	2.13	10.55	1.15	**12.84**
64	877	24	s	Min	-75.02	-28.10	-4.57	-0.94	-1.04	0.19	28.5	1.4	12.62	4.11	6.38	**20.05**
64	877	1109	sle	Max	66.17	24.73	5.42	-0.96	4.53	0.29	25.3	4.6	11.13	13.60	5.68	**26.61**
64	877	24	sle	Max	-10.83	-3.89	-1.85	-0.16	0.53	0.29	4.3	0.6	1.82	1.64	0.96	**3.84**
64	877	1109	sle	Min	10.83	3.89	3.15	-1.03	3.54	0.23	5.0	3.7	1.82	10.82	1.12	**12.79**
64	877	24	sle	Min	-66.17	-24.73	-4.12	-0.98	-0.47	0.23	25.1	1.1	11.13	3.19	5.62	**17.32**
65	878	1112	s	Max	-0.79	14.88	1.45	0.85	2.84	0.35	14.9	3.0	0.13	8.72	3.35	**10.58**
65	878	24	s	Max	39.69	-0.16	2.41	2.09	0.67	0.19	2.4	2.2	6.67	6.43	0.54	**13.14**
65	878	1112	s	Min	-39.69	0.16	-0.71	-0.87	1.43	-1.40	0.7	1.7	6.67	4.91	0.16	**11.59**
65	878	24	s	Min	0.79	-14.88	0.25	-0.23	-0.66	-0.97	14.9	0.7	0.13	2.05	3.34	**6.18**
65	878	1112	sle	Max	16.16	-1.51	2.42	0.79	2.96	0.26	2.8	3.1	2.72	9.00	0.64	**11.77**
65	878	24	sle	Max	-3.51	5.58	-0.36	0.58	-0.46	0.23	5.6	0.7	0.59	2.17	1.25	**3.51**
65	878	1112	sle	Min	3.51	-5.58	1.67	0.38	2.80	-0.89	5.8	2.8	0.59	8.29	1.31	**9.17**
65	878	24	sle	Min	-16.16	1.51	-1.11	0.00	-0.78	-0.45	1.9	0.8	2.72	2.28	0.42	**5.05**
1716	400	1125	s	Max	-0.16	131.06	-5.03	1.69	-0.91	0.25	131.2	1.9	0.03	5.62	29.41	**51.25**
1716	400	1126	s	Max	0.53	-47.89	17.89	-3.84	1.42	-0.22	51.1	4.1	0.09	12.00	11.46	**23.25**
1716	400	1125	s	Min	-0.53	47.89	-16.68	-0.91	-1.58	-0.16	50.7	1.8	0.09	5.36	11.37	**20.43**
1716	400	1126	s	Min	0.16	-131.06	5.96	-8.25	0.76	-1.31	131.2	8.3	0.03	24.33	29.42	**56.47**
1716	400	1125	sle	Max	0.00	103.39	-5.34	-1.05	-1.27	0.25	103.5	1.7	0.00	4.85	23.21	**40.50**
1716	400	1126	sle	Max	0.17	-55.47	13.14	-4.28	1.27	-0.02	57.0	4.5	0.03	13.11	12.78	**25.74**
1716	400	1125	sle	Min	-0.17	55.47	-12.21	-1.67	-1.28	0.02	56.8	2.1	0.03	6.18	12.73	**22.91**
1716	400	1126	sle	Min	0.00	-103.39	6.27	-6.34	1.22	-0.58	103.6	6.5	0.00	18.96	23.23	**44.47**
1722	406	1128	s	Max	260.82	18.76	70.65	-3.60	-17.84	12.57	73.1	18.2	43.86	53.42	16.39	**101.34**
1722	406	1105	s	Max	-108.15	146.72	-12.46	-2.95	9.36	32.58	147.2	9.8	18.19	28.81	33.02	**74.02**
1722	406	1128	s	Min	108.15	-146.72	12.56	-12.51	-30.26	8.47	147.3	32.7	18.19	96.12	33.02	**127.82**
1722	406	1105	s	Min	-260.82	-18.76	-70.52	-6.78	4.48	1.21	73.0	8.1	43.86	23.86	16.36	**73.41**
1722	406	1128	sle	Max	214.14	18.37	57.82	-1.98	-17.79	10.41	60.7	17.9	36.01	52.54	13.60	**91.63**
1722	406	1105	sle	Max	-136.79	21.45	-25.93	-4.04	6.03	31.73	33.6	7.3	23.00	21.31	7.55	**46.20**

1722	406	1128	sle	Min	136.79	-21.45	26.03	-5.60	-22.77	10.17	33.7	23.4	23.00	68.83	7.56	**92.76**
1722	406	1105	sle	Min	-214.14	-18.37	-57.72	-4.57	3.35	14.40	60.6	5.7	36.01	16.65	13.58	**57.68**
1724	408	1104	s	Max	-3.32	-4.83	-11.06	20.91	5.93	0.59	12.1	21.7	0.56	63.80	2.71	**64.53**
1724	408	1128	s	Max	10.54	147.06	23.30	27.35	-4.67	2.05	148.9	27.7	1.77	81.45	33.39	**101.34**
1724	408	1104	s	Min	-10.54	-147.06	-22.21	10.86	3.45	-7.55	148.7	11.4	1.77	33.45	33.35	**67.65**
1724	408	1128	s	Min	3.32	4.83	12.14	14.50	-7.81	-5.96	13.1	16.5	0.56	48.37	2.93	**49.19**
1724	408	1104	sle	Max	-4.00	-13.54	-16.00	15.81	2.59	-2.27	21.0	16.0	0.67	47.04	4.70	**48.40**
1724	408	1128	sle	Max	8.25	45.87	19.53	19.78	-3.31	-2.27	49.8	20.1	1.39	58.87	11.18	**63.30**
1724	408	1104	sle	Min	-8.25	-45.87	-18.69	15.16	2.05	-7.02	49.5	15.3	1.39	44.90	11.11	**50.12**
1724	408	1128	sle	Min	4.00	13.54	16.83	17.97	-4.33	-7.11	21.6	18.5	0.67	54.28	4.84	**55.59**
1725	409	1105	s	Max	-31.18	3.79	-14.19	12.39	6.87	-9.36	14.7	14.2	5.24	41.60	3.29	**47.19**
1725	409	1129	s	Max	73.54	181.44	49.01	17.40	-4.07	-8.36	187.9	17.9	12.37	52.46	42.14	**97.62**
1725	409	1105	s	Min	-73.54	-181.44	-48.73	1.35	3.46	-25.94	187.9	3.7	12.37	10.90	42.13	**76.58**
1725	409	1129	s	Min	31.18	-3.79	14.56	6.46	-7.23	-21.99	15.0	9.7	5.24	28.46	3.37	**34.20**
1725	409	1105	sle	Max	-71.72	-0.93	-23.77	8.07	4.43	-20.57	23.8	9.2	12.06	27.02	5.33	**40.16**
1725	409	1129	sle	Max	78.42	47.26	40.98	16.83	-3.48	-21.48	62.5	17.2	13.19	50.45	14.03	**68.11**
1725	409	1105	sle	Min	-78.42	-47.26	-40.70	2.33	2.97	-25.74	62.4	3.8	13.19	11.09	13.98	**34.29**
1725	409	1129	sle	Min	71.72	0.93	24.05	12.24	-4.73	-23.14	24.1	13.1	12.06	38.53	5.40	**51.45**
1726	410	1129	s	Max	31.84	10.33	19.38	-10.86	-4.08	20.07	22.0	11.6	5.35	34.07	4.92	**40.34**
1726	410	1106	s	Max	-7.88	153.98	-9.55	-2.16	6.10	22.25	154.3	6.5	1.32	18.98	34.59	**63.26**
1726	410	1129	s	Min	7.88	-153.98	10.39	-21.58	-6.33	6.79	154.3	22.5	1.32	66.02	34.60	**90.15**
1726	410	1106	s	Min	-31.84	-10.33	-18.74	-7.03	3.95	3.58	21.4	8.1	5.35	23.67	4.80	**30.19**
1726	410	1129	sle	Max	22.02	10.44	16.85	-17.18	-3.63	13.86	19.8	17.6	3.70	51.54	4.44	**55.78**
1726	410	1106	sle	Max	-10.78	1.05	-13.86	-2.53	4.29	16.75	13.9	5.0	1.81	14.63	3.12	**17.30**
1726	410	1129	sle	Min	10.78	-1.05	14.50	-18.28	-4.50	9.08	14.5	18.8	1.81	55.28	3.26	**57.37**
1726	410	1106	sle	Min	-22.02	-10.44	-16.21	-4.70	3.46	6.04	19.3	5.8	3.70	17.12	4.32	**22.12**
1737	421	1125	s	Max	-0.04	-7.82	15.80	2.34	-1.04	-0.22	17.6	2.6	0.01	7.53	3.95	**10.18**
1737	421	1102	s	Max	0.98	42.44	-3.44	-2.79	1.40	0.24	42.6	3.1	0.17	9.16	9.55	**18.98**
1737	421	1125	s	Min	-0.98	-42.44	4.69	-0.38	-1.78	-0.42	42.7	1.8	0.17	5.36	9.57	**17.48**
1737	421	1102	s	Min	0.04	7.82	-14.54	-6.25	0.69	-1.55	16.5	6.3	0.01	18.46	3.70	**19.54**
1737	421	1125	sle	Max	-0.04	-18.31	10.68	-0.38	-1.32	-0.30	21.2	1.4	0.01	4.02	4.75	**9.17**
1737	421	1102	sle	Max	0.57	25.67	-8.02	-3.10	1.29	0.22	26.9	3.4	0.10	9.86	6.03	**14.43**

1737	421	1125	sle	Min	-0.57	-25.67	8.98	-1.04	-1.34	-0.33	27.2	1.7	0.10	4.97	6.10	**11.71**
1737	421	1102	sle	Min	0.04	18.31	-9.72	-5.03	0.98	-0.81	20.7	5.1	0.01	15.03	4.65	**17.06**
1738	422	1126	s	Max	2.40	97.95	-9.87	15.86	0.30	1.91	98.4	15.9	0.40	46.57	22.07	**60.56**
1738	422	1103	s	Max	0.83	-29.41	25.79	3.94	1.59	2.89	39.1	4.2	0.14	12.47	8.77	**19.74**
1738	422	1126	s	Min	-0.83	29.41	-24.58	5.00	-0.83	0.96	38.3	5.1	0.14	14.87	8.59	**21.14**
1738	422	1103	s	Min	-2.40	-97.95	10.80	1.02	-0.33	-3.20	98.5	1.1	0.40	3.14	22.10	**38.43**
1738	422	1126	sle	Max	1.65	97.30	-12.24	8.75	-0.96	1.18	98.1	8.8	0.28	25.86	21.99	**46.19**
1738	422	1103	sle	Max	0.26	-61.94	21.52	2.55	2.03	2.17	65.6	3.3	0.04	9.56	14.70	**27.22**
1738	422	1126	sle	Min	-0.26	61.94	-20.59	4.70	-1.50	1.14	65.3	4.9	0.04	14.48	14.63	**29.22**
1738	422	1103	sle	Min	-1.65	-97.30	13.17	1.10	0.88	-1.69	98.2	1.4	0.28	4.15	22.02	**38.39**
1739	423	1126	s	Max	0.64	37.32	6.69	-1.16	-0.10	-0.34	37.9	1.2	0.11	3.42	8.50	**15.14**
1739	423	1102	s	Max	2.93	0.90	-2.44	1.44	1.50	1.33	2.6	2.1	0.49	6.10	0.58	**6.67**
1739	423	1126	s	Min	-2.93	-0.90	2.63	-7.78	-1.29	-1.33	2.8	7.9	0.49	23.15	0.62	**23.67**
1739	423	1102	s	Min	-0.64	-37.32	-6.50	-4.04	-0.37	0.34	37.9	4.1	0.11	11.90	8.49	**18.99**
1739	423	1126	sle	Max	0.25	6.09	7.46	-0.42	0.28	-0.56	9.6	0.5	0.04	1.48	2.16	**4.03**
1739	423	1102	sle	Max	1.82	6.47	-5.83	2.47	0.39	1.16	8.7	2.5	0.31	7.33	1.95	**8.35**
1739	423	1126	sle	Min	-1.82	-6.47	5.97	-2.41	-0.31	-1.16	8.8	2.4	0.31	7.14	1.97	**8.20**
1739	423	1102	sle	Min	-0.25	-6.09	-7.31	0.49	-0.86	0.56	9.5	1.0	0.04	2.89	2.13	**4.72**
1750	434	1102	s	Max	2.18	-50.14	-3.17	17.68	0.29	2.75	50.2	17.7	0.37	51.93	11.27	**55.81**
1750	434	1103	s	Max	-0.06	304.04	11.64	4.68	1.19	2.50	304.3	4.8	0.01	14.19	68.22	**119.02**
1750	434	1102	s	Min	0.06	-304.04	-10.47	5.99	-1.19	0.83	304.2	6.1	0.01	17.94	68.21	**119.51**
1750	434	1103	s	Min	-2.18	50.14	4.37	1.54	-0.29	-2.62	50.3	1.6	0.37	4.61	11.29	**20.17**
1750	434	1102	sle	Max	1.01	-43.41	-3.25	9.94	-0.94	1.60	43.5	10.0	0.17	29.33	9.76	**34.00**
1750	434	1103	sle	Max	0.14	102.13	7.03	3.20	1.83	1.34	102.4	3.7	0.02	10.81	22.95	**41.21**
1750	434	1102	sle	Min	-0.14	-102.13	-6.11	5.76	-1.83	0.68	102.3	6.0	0.02	17.75	22.94	**43.53**
1750	434	1103	sle	Min	-1.01	43.41	4.17	1.66	0.94	-1.88	43.6	1.9	0.17	5.60	9.78	**17.89**
1752	436	1101	s	Max	-0.55	-33.31	2.32	3.44	-1.00	0.16	33.4	3.6	0.09	10.52	7.49	**16.75**
1752	436	1102	s	Max	1.57	316.87	0.69	-3.00	1.73	-0.84	316.9	3.5	0.26	10.17	71.05	**123.50**
1752	436	1101	s	Min	-1.57	-316.87	0.50	-0.45	-1.73	-0.25	316.9	1.8	0.26	5.26	71.05	**123.19**
1752	436	1102	s	Min	0.55	33.31	-1.13	-6.23	1.00	-2.94	33.3	6.3	0.09	18.52	7.47	**22.67**
1752	436	1101	sle	Max	-0.72	-7.95	3.42	-0.52	-1.43	-0.47	8.7	1.5	0.12	4.48	1.94	**5.69**
1752	436	1102	sle	Max	1.25	79.11	-2.02	-3.51	1.49	-0.95	79.1	3.8	0.21	11.20	17.74	**32.78**
1752	436	1101	sle	Min	-1.25	-79.11	2.94	-1.45	-1.49	-0.48	79.2	2.1	0.21	6.10	17.75	**31.39**

1752	436	1102	sle	Min	0.72	7.95	-2.50	-5.40	1.43	-2.02	8.3	5.6	0.12	16.39	1.87	**16.83**
1767	448	1105	s	Max	259.73	0.23	60.27	0.76	-8.68	1.27	60.3	8.7	43.68	25.59	13.51	**73.12**
1767	448	1102	s	Max	-109.18	-0.09	-23.14	0.30	-6.34	0.67	23.1	6.3	18.36	18.63	5.19	**38.06**
1767	448	1105	s	Min	109.18	0.09	27.19	-0.52	-14.79	0.38	27.2	14.8	18.36	43.45	6.10	**62.70**
1767	448	1102	s	Min	-259.73	-0.23	-56.22	-0.96	-12.72	0.02	56.2	12.8	43.68	37.45	12.61	**84.02**
1767	448	1105	sle	Max	146.55	0.13	34.90	-0.75	-7.78	0.59	34.9	7.8	24.65	22.95	7.83	**49.48**
1767	448	1102	sle	Max	-98.14	-0.10	-21.56	1.01	-8.25	0.56	21.6	8.3	16.50	24.40	4.83	**41.76**
1767	448	1105	sle	Min	98.14	0.10	24.68	-1.14	-9.00	0.09	24.7	9.1	16.50	26.63	5.53	**44.18**
1767	448	1102	sle	Min	-146.55	-0.13	-31.78	0.57	-10.14	0.27	31.8	10.2	24.65	29.81	7.13	**55.83**
1768	449	1102	s	Max	152.18	0.47	23.63	-0.83	2.91	0.98	23.6	3.0	25.59	8.88	5.30	**35.68**
1768	449	1099	s	Max	-65.71	0.12	-8.31	1.33	-4.58	0.89	8.3	4.8	11.05	14.00	1.86	**25.26**
1768	449	1102	s	Min	65.71	-0.12	10.72	-1.27	-1.08	-0.79	10.7	1.7	11.05	4.89	2.40	**16.47**
1768	449	1099	s	Min	-152.18	-0.47	-21.22	0.81	-10.43	0.17	21.2	10.5	25.59	30.73	4.76	**56.92**
1768	449	1102	sle	Max	86.93	0.39	13.77	-0.94	3.09	0.77	13.8	3.2	14.62	9.48	3.09	**24.69**
1768	449	1099	sle	Max	-76.76	0.00	-11.23	0.95	-7.50	0.77	11.2	7.6	12.91	22.19	2.52	**35.37**
1768	449	1102	sle	Min	76.76	0.00	13.08	-1.02	0.71	-0.35	13.1	1.2	12.91	3.63	2.93	**17.31**
1768	449	1099	sle	Min	-86.93	-0.39	-11.91	0.81	-7.87	0.34	11.9	7.9	14.62	23.22	2.67	**38.12**
1770	451	1106	s	Max	108.93	-0.26	25.54	13.87	-3.95	-1.07	25.5	14.4	18.32	42.33	5.73	**61.46**
1770	451	1103	s	Max	-22.72	0.49	-3.69	-1.12	-0.23	55.30	3.7	1.1	3.82	3.35	0.84	**7.31**
1770	451	1106	s	Min	22.72	-50.80	7.74	1.52	-6.10	-54.96	51.4	6.3	3.82	18.44	11.52	**29.90**
1770	451	1103	s	Min	-108.93	-50.90	-22.43	-13.94	-4.64	-1.09	55.6	14.7	18.32	43.13	12.47	**65.13**
1770	451	1106	sle	Max	48.35	-0.41	12.98	8.96	-3.46	-1.82	13.0	9.6	8.13	28.21	2.91	**36.69**
1770	451	1103	sle	Max	-31.91	0.41	-6.42	-1.09	-4.41	36.58	6.4	4.5	5.37	13.33	1.44	**18.86**
1770	451	1106	sle	Min	31.91	-33.99	9.54	1.65	-4.29	-37.17	35.3	4.6	5.37	13.49	7.92	**23.32**
1770	451	1103	sle	Min	-48.35	-33.81	-9.86	-8.84	-5.23	-0.87	35.2	10.3	8.13	30.16	7.90	**40.66**
1781	462	1146	s	Max	10.61	0.18	3.86	1.31	2.28	0.45	3.9	2.6	1.78	7.71	0.87	**9.62**
1781	462	1102	s	Max	2.42	0.15	0.98	-0.77	8.45	0.38	1.0	8.5	0.41	24.91	0.22	**25.32**
1781	462	1146	s	Min	-2.42	-0.15	2.31	0.78	0.62	-0.21	2.3	1.0	0.41	2.93	0.52	**3.46**

1781	462	1102	s	Min	-10.61	-0.18	-0.57	-1.31	3.14	-0.92	0.6	3.4	1.78	9.99	0.13	**11.77**
1781	462	1146	sle	Max	18.41	0.02	3.64	0.91	2.60	0.54	3.6	2.8	3.10	8.09	0.82	**11.28**
1781	462	1102	sle	Max	-15.05	0.15	-0.77	-0.84	7.32	0.30	0.8	7.4	2.53	21.63	0.18	**24.16**
1781	462	1146	sle	Min	15.05	-0.15	3.30	0.84	2.01	0.30	3.3	2.2	2.53	6.40	0.74	**9.02**
1781	462	1102	sle	Min	-18.41	-0.02	-1.11	-0.94	5.32	-0.44	1.1	5.4	3.10	15.86	0.25	**18.96**
1782	463	1139	s	Max	0.14	-46.69	51.42	0.17	0.32	0.64	69.5	0.4	0.02	1.08	15.57	**27.00**
1782	463	1094	s	Max	1.30	96.86	-24.43	0.64	0.18	-0.23	99.9	0.7	0.22	1.94	22.40	**38.86**
1782	463	1139	s	Min	-1.30	-96.86	25.77	-0.84	-0.03	-0.41	100.2	0.8	0.22	2.47	22.47	**39.02**
1782	463	1094	s	Min	-0.14	46.69	-50.07	-4.83	-1.53	-2.18	68.5	5.1	0.02	14.88	15.35	**30.48**
1782	463	1139	sle	Max	-0.36	-59.04	41.14	-1.03	0.26	0.10	72.0	1.1	0.06	3.13	16.13	**28.13**
1782	463	1094	sle	Max	1.23	78.68	-31.48	1.64	-0.64	-0.83	84.7	1.8	0.21	5.16	19.00	**33.35**
1782	463	1139	sle	Min	-1.23	-78.68	32.52	-1.04	0.17	-0.58	85.1	1.1	0.21	3.10	19.09	**33.23**
1782	463	1094	sle	Min	0.36	59.04	-40.10	-1.57	-1.45	-1.88	71.4	2.1	0.06	6.27	16.00	**28.43**
1783	464	1147	s	Max	2.77	-12.38	23.68	0.41	2.09	4.43	26.7	2.1	0.47	6.24	5.99	**12.36**
1783	464	1123	s	Max	-0.44	27.08	-9.79	0.09	2.52	1.11	28.8	2.5	0.07	7.41	6.46	**13.46**
1783	464	1147	s	Min	0.44	-27.08	11.34	-0.59	0.94	2.36	29.4	1.1	0.07	3.24	6.58	**11.88**
1783	464	1123	s	Min	-2.77	12.38	-22.13	-0.65	-1.09	-1.73	25.4	1.3	0.47	3.73	5.69	**10.70**
1783	464	1147	sle	Max	2.08	-12.32	13.06	-0.40	1.64	3.40	18.0	1.7	0.35	4.97	4.03	**8.77**
1783	464	1123	sle	Max	-0.82	14.53	-9.96	0.01	1.85	0.76	17.6	1.9	0.14	5.44	3.95	**8.83**
1783	464	1147	sle	Min	0.82	-14.53	11.16	-0.73	1.62	2.66	18.3	1.8	0.14	5.22	4.11	**8.91**
1783	464	1123	sle	Min	-2.08	12.32	-11.87	-0.19	-0.28	-1.01	17.1	0.3	0.35	0.98	3.84	**6.78**
1785	466	1148	s	Max	-5.01	0.04	3.30	0.15	3.39	2.00	3.3	3.4	0.84	9.97	0.74	**10.89**
1785	466	1094	s	Max	14.10	0.68	1.25	1.56	5.11	2.03	1.4	5.3	2.37	15.68	0.32	**18.06**
1785	466	1148	s	Min	-14.10	-0.68	2.07	-1.42	0.53	-0.07	2.2	1.5	2.37	4.45	0.49	**6.87**
1785	466	1094	s	Min	5.01	-0.04	-0.47	-0.16	0.03	-0.15	0.5	0.2	0.84	0.48	0.11	**1.34**
1785	466	1148	sle	Max	-5.81	-0.21	2.92	-0.52	3.57	1.76	2.9	3.6	0.98	10.60	0.66	**11.63**
1785	466	1094	sle	Max	6.65	0.59	0.59	1.44	4.49	1.76	0.8	4.7	1.12	13.86	0.19	**14.98**
1785	466	1148	sle	Min	-6.65	-0.59	2.16	-1.32	1.66	0.65	2.2	2.1	1.12	6.23	0.50	**7.40**
1785	466	1094	sle	Min	5.81	0.21	-0.18	0.56	1.67	0.58	0.3	1.8	0.98	5.16	0.06	**6.14**
1790	471	1146	s	Max	1.17	55.97	17.05	4.77	-0.03	1.46	58.5	4.8	0.20	13.99	13.12	**26.79**
1790	471	1096	s	Max	0.12	62.16	16.97	-0.15	1.18	0.88	64.4	1.2	0.02	3.49	14.45	**25.27**
1790	471	1146	s	Min	-0.12	-62.16	-16.02	-1.97	-0.76	-0.16	64.2	2.1	0.02	6.21	14.39	**25.70**
1790	471	1096	s	Min	-1.17	-55.97	-15.82	-0.89	-0.03	-0.09	58.2	0.9	0.20	2.60	13.04	**22.76**

1790	471	1146	sle	Max	0.14	-6.10	24.08	-0.21	0.39	0.19	24.8	0.4	0.02	1.30	5.57	**9.74**
1790	471	1096	sle	Max	0.41	83.84	-1.54	-0.15	-0.32	0.10	83.9	0.3	0.07	1.03	18.80	**32.59**
1790	471	1146	sle	Min	-0.41	-83.84	2.49	-3.45	0.33	-0.47	83.9	3.5	0.07	10.18	18.81	**34.15**
1790	471	1096	sle	Min	-0.14	6.10	-23.13	-0.64	-0.55	-0.36	23.9	0.8	0.02	2.47	5.36	**9.62**
1791	472	1139	s	Max	0.14	72.31	19.57	0.42	0.31	0.81	74.9	0.5	0.02	1.52	16.80	**29.13**
1791	472	1146	s	Max	1.05	67.34	17.59	-0.48	-0.02	-0.12	69.6	0.5	0.18	1.42	15.61	**27.08**
1791	472	1139	s	Min	-1.05	-67.34	-16.64	-1.53	-0.02	-0.15	69.4	1.5	0.18	4.50	15.55	**27.34**
1791	472	1146	s	Min	-0.14	-72.31	-18.34	-3.78	-0.58	-1.95	74.6	3.8	0.02	11.23	16.73	**31.08**
1791	472	1139	sle	Max	0.22	-10.04	27.87	-1.38	0.31	0.61	29.6	1.4	0.04	4.15	6.64	**12.25**
1791	472	1146	sle	Max	0.45	101.01	-3.78	-0.14	-0.19	-0.16	101.1	0.2	0.08	0.69	22.66	**39.26**
1791	472	1139	sle	Min	-0.45	-101.01	4.73	-2.13	0.13	0.11	101.1	2.1	0.08	6.28	22.67	**39.78**
1791	472	1146	sle	Min	-0.22	10.04	-26.92	-1.91	-0.36	-1.01	28.7	1.9	0.04	5.71	6.44	**12.55**
1792	473	1146	s	Max	1.50	16.49	-1.98	1.68	0.05	0.15	16.6	1.7	0.25	4.92	3.72	**8.27**
1792	473	1094	s	Max	10.54	10.15	4.23	3.60	1.03	0.17	11.0	3.7	1.77	11.00	2.46	**13.47**
1792	473	1146	s	Min	-10.54	-10.15	-3.99	-2.08	-2.22	-0.17	10.9	3.0	1.77	8.94	2.44	**11.51**
1792	473	1094	s	Min	-1.50	-16.49	2.29	-6.50	-5.53	-0.15	16.6	8.5	0.25	25.05	3.73	**26.12**
1792	473	1146	sle	Max	-14.41	-3.78	-0.79	2.75	-2.04	0.32	3.9	3.4	2.42	10.04	0.87	**12.56**
1792	473	1094	sle	Max	19.00	17.19	2.24	6.19	-4.75	-0.28	17.3	7.8	3.20	22.92	3.89	**26.97**
1792	473	1146	sle	Min	-19.00	-17.19	-2.00	1.21	-2.74	0.28	17.3	3.0	3.20	8.80	3.88	**13.75**
1792	473	1094	sle	Min	14.41	3.78	1.03	0.76	-7.84	-0.32	3.9	7.9	2.42	23.12	0.88	**25.59**
1793	474	1147	s	Max	0.73	12.30	9.97	0.59	1.68	2.75	15.8	1.8	0.12	5.23	3.55	**8.15**
1793	474	1148	s	Max	2.60	22.41	5.69	0.45	-0.52	-0.53	23.1	0.7	0.44	2.02	5.19	**9.31**
1793	474	1147	s	Min	-2.60	-22.41	-4.70	-0.43	0.67	-0.42	22.9	0.8	0.44	2.34	5.13	**9.32**
1793	474	1148	s	Min	-0.73	-12.30	-8.68	-0.88	-3.64	-4.79	15.0	3.7	0.12	11.00	3.37	**12.56**
1793	474	1147	sle	Max	0.88	-21.17	16.02	0.02	1.54	2.37	26.5	1.5	0.15	4.51	5.95	**11.31**
1793	474	1148	sle	Max	1.17	37.65	-7.98	0.75	-0.75	-0.61	38.5	1.1	0.20	3.11	8.63	**15.31**
1793	474	1147	sle	Min	-1.17	-37.65	8.97	-0.42	1.49	0.65	38.7	1.5	0.20	4.53	8.68	**15.76**
1793	474	1148	sle	Min	-0.88	21.17	-15.02	0.67	-2.51	-2.99	26.0	2.6	0.15	7.63	5.82	**12.73**
1795	476	1148	s	Max	14.65	3.27	-3.25	0.69	1.05	1.33	4.6	1.3	2.46	3.70	1.03	**6.41**
1795	476	1123	s	Max	-5.94	0.85	4.74	0.02	11.60	-0.17	4.8	11.6	1.00	34.07	1.08	**35.12**
1795	476	1148	s	Min	5.94	-0.85	-4.25	-0.86	-1.10	0.17	4.3	1.4	1.00	4.10	0.97	**5.37**
1795	476	1123	s	Min	-14.65	-3.27	3.63	-1.86	6.05	-1.33	4.9	6.3	2.46	18.58	1.10	**21.12**
1795	476	1148	sle	Max	8.43	0.08	-3.75	0.85	-0.76	1.24	3.8	1.1	1.42	3.34	0.84	**4.98**

1795	476	1123	sle	Max	-5.11	0.72	4.54	-0.25	7.78	-0.72	4.6	7.8	0.86	22.86	1.03	**23.79**
1795	476	1148	sle	Min	5.11	-0.72	-4.16	0.67	-1.29	0.72	4.2	1.5	0.86	4.26	0.95	**5.37**
1795	476	1123	sle	Min	-8.43	-0.08	4.13	-0.74	5.54	-1.24	4.1	5.6	1.42	16.42	0.93	**17.91**
1802	483	1092	s	Max	-0.09	21.33	1.83	-0.08	1.99	0.07	21.4	2.0	0.01	5.84	4.80	**10.17**
1802	483	1123	s	Max	1.84	197.33	0.07	-0.39	-0.30	-0.22	197.3	0.5	0.31	1.46	44.25	**76.66**
1802	483	1092	s	Min	-1.84	-197.33	0.97	-1.08	0.30	-1.49	197.3	1.1	0.31	3.29	44.25	**76.72**
1802	483	1123	s	Min	0.09	-21.33	-0.89	-1.87	-1.99	-2.18	21.3	2.7	0.01	8.01	4.79	**11.54**
1802	483	1092	sle	Max	-0.16	32.04	1.78	-1.12	1.69	0.04	32.1	2.0	0.03	5.95	7.19	**13.82**
1802	483	1123	sle	Max	1.22	-0.89	-0.30	-0.40	-0.91	-0.36	0.9	1.0	0.20	2.92	0.21	**3.15**
1802	483	1092	sle	Min	-1.22	0.89	1.22	-1.58	0.91	-0.98	1.5	1.8	0.20	5.36	0.34	**5.59**
1802	483	1123	sle	Min	0.16	-32.04	-0.86	-1.06	-1.69	-1.45	32.0	2.0	0.03	5.84	7.19	**13.76**
1804	485	1094	s	Max	0.67	30.01	1.22	2.92	-0.09	0.98	30.0	2.9	0.11	8.58	6.74	**14.55**
1804	485	1096	s	Max	0.02	170.40	1.20	-0.02	1.02	0.35	170.4	1.0	0.00	3.00	38.21	**66.25**
1804	485	1094	s	Min	-0.02	-170.40	-0.11	-1.22	-1.02	-0.11	170.4	1.6	0.00	4.67	38.21	**66.34**
1804	485	1096	s	Min	-0.67	-30.01	-0.02	-1.79	0.09	-0.14	30.0	1.8	0.11	5.26	6.73	**12.84**
1804	485	1094	sle	Max	0.32	59.20	1.35	-0.46	0.25	0.24	59.2	0.5	0.05	1.53	13.28	**23.05**
1804	485	1096	sle	Max	0.04	6.18	-0.17	0.36	0.22	0.40	6.2	0.4	0.01	1.24	1.39	**2.70**
1804	485	1094	sle	Min	-0.04	-6.18	1.09	-2.13	-0.22	-0.24	6.3	2.1	0.01	6.30	1.41	**6.76**
1804	485	1096	sle	Min	-0.32	-59.20	-0.43	-0.81	-0.25	0.15	59.2	0.8	0.05	2.47	13.27	**23.13**
1805	486	1093	s	Max	-0.15	61.12	4.29	-0.16	0.27	0.14	61.3	0.3	0.02	0.92	13.74	**23.81**
1805	486	1094	s	Max	2.12	243.52	-0.41	-0.13	0.29	-0.34	243.5	0.3	0.36	0.94	54.60	**94.59**
1805	486	1093	s	Min	-2.12	-243.52	1.32	-1.99	-0.29	-1.80	243.5	2.0	0.36	5.92	54.60	**94.79**
1805	486	1094	s	Min	0.15	-61.12	-3.37	-6.36	-0.27	-2.44	61.2	6.4	0.02	18.70	13.72	**30.26**
1805	486	1093	sle	Max	-0.39	106.25	3.34	-2.54	0.20	-0.36	106.3	2.5	0.07	7.47	23.84	**41.97**
1805	486	1094	sle	Max	1.62	-12.37	-0.44	0.74	-0.01	-0.43	12.4	0.7	0.27	2.18	2.78	**5.40**
1805	486	1093	sle	Min	-1.62	12.37	1.36	-2.84	0.01	-1.51	12.4	2.8	0.27	8.33	2.79	**9.86**
1805	486	1094	sle	Min	0.39	-106.25	-2.42	-2.92	-0.20	-1.72	106.3	2.9	0.07	8.58	23.83	**42.17**
1811	489	1099	s	Max	154.65	5.94	5.95	-0.98	10.43	4.35	8.4	10.5	26.01	30.77	1.88	**56.87**
1811	489	1094	s	Max	-65.37	-1.28	0.52	0.86	16.73	4.60	1.4	16.8	10.99	49.18	0.31	**60.18**
1811	489	1099	s	Min	65.37	1.28	0.31	-1.99	4.58	0.81	1.3	5.0	10.99	14.67	0.30	**25.67**
1811	489	1094	s	Min	-154.65	-5.94	-5.04	0.52	7.64	1.12	7.8	7.7	26.01	22.47	1.75	**48.58**
1811	489	1099	sle	Max	85.75	2.16	-2.35	-1.03	7.87	1.45	3.2	7.9	14.42	23.29	0.71	**37.74**

1811	489	1094	sle	Max	-65.63	-1.53	5.04	0.78	12.86	1.80	5.3	12.9	11.04	37.82	1.18	**48.90**
1811	489	1099	sle	Min	65.63	1.53	-4.34	-1.19	7.50	0.93	4.6	7.6	11.04	22.30	1.03	**33.38**
1811	489	1094	sle	Min	-85.75	-2.16	3.05	0.74	11.68	1.37	3.7	11.7	14.42	34.35	0.84	**48.79**
1812	490	1094	s	Max	132.56	-0.12	28.66	1.74	-5.08	-0.20	28.7	5.4	22.29	15.75	6.43	**39.64**
1812	490	1095	s	Max	-46.04	1.70	-9.81	0.32	-7.48	-0.09	10.0	7.5	7.74	21.99	2.23	**29.98**
1812	490	1094	s	Min	46.04	-1.70	11.24	0.11	-14.21	-2.01	11.4	14.2	7.74	41.73	2.55	**49.67**
1812	490	1095	s	Min	- 132.56	0.12	-27.23	-1.43	-16.33	-2.02	27.2	16.4	22.29	48.13	6.11	**71.21**
1812	490	1094	sle	Max	60.32	0.14	16.54	1.44	-7.40	0.37	16.5	7.5	10.14	22.13	3.71	**32.91**
1812	490	1095	sle	Max	-38.70	0.18	-12.56	-0.60	-12.03	-0.04	12.6	12.0	6.51	35.36	2.82	**42.15**
1812	490	1094	sle	Min	38.70	-0.18	13.65	0.64	-9.65	-0.26	13.7	9.7	6.51	28.38	3.06	**35.29**
1812	490	1095	sle	Min	-60.32	-0.14	-15.44	-1.48	-13.27	-0.16	15.4	13.3	10.14	39.19	3.46	**49.69**
1813	491	1095	s	Max	120.79	0.73	6.32	1.37	16.33	1.36	6.4	16.4	20.31	48.11	1.43	**68.47**
1813	491	1123	s	Max	-42.71	-0.08	2.39	0.14	15.70	1.25	2.4	15.7	7.18	46.08	0.54	**53.27**
1813	491	1095	s	Min	42.71	0.08	-0.73	-0.25	7.48	0.23	0.7	7.5	7.18	21.98	0.17	**29.17**
1813	491	1123	s	Min	- 120.79	-0.73	-4.17	-1.63	7.95	0.05	4.2	8.1	20.31	23.83	0.95	**44.18**
1813	491	1095	sle	Max	54.03	0.36	-0.54	1.38	13.27	0.78	0.6	13.3	9.09	39.15	0.15	**48.24**
1813	491	1123	sle	Max	-23.65	-0.14	6.04	-0.61	13.97	0.51	6.0	14.0	3.98	41.04	1.35	**45.08**
1813	491	1095	sle	Min	23.65	0.14	-4.38	0.56	12.03	0.40	4.4	12.0	3.98	35.35	0.98	**39.37**
1813	491	1123	sle	Min	-54.03	-0.36	2.20	-1.50	12.34	0.10	2.2	12.4	9.09	36.50	0.50	**45.59**
1816	494	1096	s	Max	85.83	-0.14	14.03	2.06	17.77	-0.16	14.0	17.9	14.43	52.51	3.14	**67.17**
1816	494	1097	s	Max	-22.85	3.83	3.84	0.81	1.61	4.13	5.4	1.8	3.84	5.28	1.22	**9.36**
1816	494	1096	s	Min	22.85	-20.64	-2.74	-0.13	-2.81	-10.59	20.8	2.8	3.84	8.26	4.67	**14.55**
1816	494	1097	s	Min	-85.83	-15.20	-12.93	-1.33	-6.45	-4.21	20.0	6.6	14.43	19.34	4.47	**34.66**
1816	494	1096	sle	Max	33.47	-0.31	11.57	0.99	6.00	-0.33	11.6	6.1	5.63	17.84	2.59	**23.89**
1816	494	1097	sle	Max	-4.81	0.31	0.71	0.32	-4.32	5.13	0.8	4.3	0.81	12.72	0.17	**13.53**
1816	494	1096	sle	Min	4.81	-11.55	0.39	-0.24	-7.72	-4.19	11.6	7.7	0.81	22.68	2.59	**23.92**
1816	494	1097	sle	Min	-33.47	-12.35	-10.47	-1.10	-9.40	-0.40	16.2	9.5	5.63	27.78	3.63	**34.00**
1817	495	1100	s	Max	81.20	7.55	21.89	-0.42	5.43	4.59	23.2	5.4	13.66	15.98	5.19	**30.97**
1817	495	1096	s	Max	-23.10	0.00	1.99	0.81	2.71	9.19	2.0	2.8	3.88	8.30	0.45	**12.21**
1817	495	1100	s	Min	23.10	-5.41	-1.08	-2.01	-5.52	-0.36	5.5	5.9	3.88	17.26	1.24	**21.25**
1817	495	1096	s	Min	-81.20	-17.39	-21.19	-0.23	-19.45	0.37	27.4	19.5	13.66	57.12	6.15	**71.57**

1817	495	1100	sle	Max	35.21	0.42	4.73	-0.08	7.94	-0.14	4.7	7.9	5.92	23.31	1.06	**29.29**
1817	495	1096	sle	Max	-7.37	-0.42	6.83	0.61	8.52	2.37	6.8	8.5	1.24	25.06	1.53	**26.44**
1817	495	1100	sle	Min	7.37	-8.22	-6.13	-0.49	0.70	-3.30	10.2	0.9	1.24	2.52	2.30	**5.48**
1817	495	1096	sle	Min	-35.21	-6.98	-4.03	0.00	-5.90	0.78	8.1	5.9	5.92	17.33	1.81	**23.46**
1818	496	1103	s	Max	108.29	0.36	17.43	1.08	3.29	0.57	17.4	3.5	18.21	10.18	3.91	**29.19**
1818	496	1100	s	Max	-33.00	0.39	-4.62	3.57	3.05	16.85	4.6	4.7	5.55	13.79	1.04	**19.43**
1818	496	1103	s	Min	33.00	-32.15	7.03	-3.50	0.23	-24.37	32.9	3.5	5.55	10.29	7.38	**20.35**
1818	496	1100	s	Min	-108.29	-28.39	-15.02	-0.07	-8.30	-0.96	32.1	8.3	18.21	24.38	7.20	**44.38**
1818	496	1103	sle	Max	49.01	0.47	9.71	-0.16	2.59	0.82	9.7	2.6	8.24	7.63	2.18	**16.31**
1818	496	1100	sle	Max	-35.87	-0.47	-4.01	2.44	-2.98	12.77	4.0	3.9	6.03	11.31	0.91	**17.41**
1818	496	1103	sle	Min	35.87	-20.81	5.87	-2.69	1.40	-15.30	21.6	3.0	6.03	8.91	4.85	**17.14**
1818	496	1100	sle	Min	-49.01	-19.55	-7.86	0.50	-10.06	1.07	21.1	10.1	8.24	29.58	4.72	**38.70**
1833	511	1158	s	Max	132.21	-0.01	37.76	0.55	-0.54	-0.10	37.8	0.8	22.23	2.26	8.47	**28.55**
1833	511	1109	s	Max	-63.15	0.32	-15.57	0.59	5.37	0.10	15.6	5.4	10.62	15.85	3.49	**27.15**
1833	511	1158	s	Min	63.15	-0.32	18.86	-0.30	-1.79	-0.97	18.9	1.8	10.62	5.32	4.23	**17.54**
1833	511	1109	s	Min	-132.21	0.01	-34.47	-0.55	3.26	-0.70	34.5	3.3	22.23	9.71	7.73	**34.63**
1833	511	1158	sle	Max	133.99	-0.18	38.47	0.03	-1.31	-0.58	38.5	1.3	22.53	3.85	8.63	**30.32**
1833	511	1109	sle	Max	-124.98	0.35	-33.14	0.83	4.04	-0.35	33.1	4.1	21.02	12.12	7.43	**35.55**
1833	511	1158	sle	Min	124.98	-0.35	35.67	-0.32	-1.98	-1.05	35.7	2.0	21.02	5.90	8.00	**30.27**
1833	511	1109	sle	Min	-133.99	0.18	-35.94	0.23	3.24	-0.80	35.9	3.3	22.53	9.55	8.06	**34.99**
1835	513	1158	s	Max	-63.65	0.08	21.31	-0.01	1.54	1.49	21.3	1.5	10.70	4.53	4.78	**17.34**
1835	513	1123	s	Max	143.59	0.54	-7.14	1.15	-3.68	1.36	7.2	3.9	24.15	11.31	1.60	**35.57**
1835	513	1158	s	Min	-143.59	-0.54	10.34	-0.73	0.12	-0.39	10.4	0.7	24.15	2.18	2.32	**26.63**
1835	513	1123	s	Min	63.65	-0.08	-18.11	0.03	-6.88	-0.02	18.1	6.9	10.70	20.19	4.06	**31.68**
1835	513	1158	sle	Max	-135.62	-0.06	21.32	-0.65	1.80	1.12	21.3	1.9	22.81	5.62	4.78	**29.61**
1835	513	1123	sle	Max	140.85	0.47	-17.67	1.30	-4.10	1.36	17.7	4.3	23.69	12.64	3.96	**36.97**
1835	513	1158	sle	Min	-140.85	-0.47	20.13	-0.94	0.85	-0.13	20.1	1.3	23.69	3.73	4.52	**28.51**

					140.85											
1835	513	1123	sle	Min	135.62	0.06	-18.85	0.69	-5.40	0.44	18.9	5.4	22.81	15.99	4.23	**39.48**
1837	515	1148	s	Max	0.97	9.70	10.32	2.73	-0.01	1.47	14.2	2.7	0.16	8.02	3.18	**9.86**
1837	515	1124	s	Max	0.42	21.44	6.05	0.28	1.73	0.98	22.3	1.8	0.07	5.16	5.00	**10.11**
1837	515	1148	s	Min	-0.42	-21.44	-5.05	-0.87	-0.93	-0.35	22.0	1.3	0.07	3.74	4.94	**9.37**
1837	515	1124	s	Min	-0.97	-9.70	-9.02	-0.60	0.05	-0.48	13.3	0.6	0.16	1.77	2.97	**5.50**
1837	515	1148	sle	Max	-0.47	-20.66	16.62	-0.02	0.23	-0.01	26.5	0.2	0.08	0.67	5.94	**10.32**
1837	515	1124	sle	Max	0.89	36.72	-8.21	-0.19	-0.59	-0.91	37.6	0.6	0.15	1.82	8.44	**14.75**
1837	515	1148	sle	Min	-0.89	-36.72	9.21	-1.08	-0.15	-0.76	37.9	1.1	0.15	3.20	8.49	**15.08**
1837	515	1124	sle	Min	0.47	20.66	-15.62	-0.56	-0.61	-1.03	25.9	0.8	0.08	2.43	5.81	**10.37**
1838	516	1149	s	Max	0.34	-45.37	114.09	1.64	0.83	0.57	122.8	1.8	0.06	5.40	27.53	**48.00**
1838	516	1118	s	Max	-0.11	96.92	-52.72	3.38	0.53	0.78	110.3	3.4	0.02	10.04	24.74	**44.02**
1838	516	1149	s	Min	0.11	-96.92	54.58	0.85	0.10	-0.11	111.2	0.9	0.02	2.51	24.94	**43.27**
1838	516	1118	s	Min	-0.34	45.37	-112.66	-0.50	-0.54	-0.33	121.5	0.7	0.06	2.17	27.23	**47.22**
1838	516	1149	sle	Max	0.24	-61.21	100.00	1.34	0.58	0.29	117.3	1.5	0.04	4.28	26.29	**45.74**
1838	516	1118	sle	Max	-0.12	84.43	-72.04	1.70	0.39	0.65	111.0	1.7	0.02	5.13	24.89	**43.41**
1838	516	1149	sle	Min	0.12	-84.43	73.47	1.22	0.20	-0.17	111.9	1.2	0.02	3.64	25.09	**43.62**
1838	516	1118	sle	Min	-0.24	61.21	-98.57	-0.75	-0.29	-0.05	116.0	0.8	0.04	2.35	26.02	**45.13**
1840	518	796	s	Max	5.91	8.17	234.83	-0.62	9.26	7.30	235.0	9.3	0.99	27.25	52.69	**95.53**
1840	518	1149	s	Max	4.70	390.03	-0.52	-2.54	-0.32	4.51	390.0	2.6	0.79	7.51	87.45	**151.70**
1840	518	796	s	Min	-4.70	-390.03	1.91	-9.19	-2.87	-5.11	390.0	9.6	0.79	28.27	87.46	**154.24**
1840	518	1149	s	Min	-5.91	-8.17	-233.76	-8.62	-2.75	-4.30	233.9	9.0	0.99	26.56	52.45	**94.93**
1840	518	796	sle	Max	5.82	10.86	125.31	-4.07	8.88	7.15	125.8	9.8	0.98	28.68	28.20	**57.14**
1840	518	1149	sle	Max	0.94	201.72	-1.02	-4.76	-1.94	4.48	201.7	5.1	0.16	15.10	45.23	**79.81**
1840	518	796	sle	Min	-0.94	-201.72	2.09	-8.44	1.32	-0.73	201.7	8.5	0.16	25.08	45.23	**82.31**
1840	518	1149	sle	Min	-5.82	-10.86	-124.24	-7.63	-2.44	-1.15	124.7	8.0	0.98	23.50	27.96	**54.27**
1840	519	1149	s	Max	0.04	60.81	172.28	0.86	0.05	0.12	182.7	0.9	0.01	2.54	40.96	**71.00**
1840	519	1158	s	Max	1.80	290.90	35.26	2.79	0.01	-0.04	293.0	2.8	0.30	8.20	65.70	**114.12**
1840	519	1149	s	Min	-1.80	-290.90	-33.87	-0.52	-0.83	-2.01	292.9	1.0	0.30	2.88	65.67	**113.78**
1840	519	1158	s	Min	-0.04	-60.81	-171.21	-2.98	-1.67	-2.01	181.7	3.4	0.01	10.02	40.74	**71.27**
1840	519	1149	sle	Max	-1.60	77.77	68.35	-0.22	-0.29	-1.24	103.5	0.4	0.27	1.05	23.22	**40.23**
1840	519	1158	sle	Max	1.78	112.94	44.75	-0.63	-1.30	-1.56	121.5	1.4	0.30	4.23	27.24	**47.40**
1840	519	1149	sle	Min	-1.78	-112.94	-43.68	-0.52	-0.82	-2.00	121.1	1.0	0.30	2.86	27.15	**47.14**

1840	519	1158	sle	Min	1.60	-77.77	-67.28	-3.87	-1.62	-1.95	102.8	4.2	0.27	12.31	23.06	**41.87**
1840	520	1158	s	Max	4.47	63.09	175.38	3.48	0.24	3.54	186.4	3.5	0.75	10.25	41.79	**73.22**
1840	520	1119	s	Max	-0.04	285.07	41.61	5.11	5.73	5.39	288.1	7.7	0.01	22.53	64.60	**114.13**
1840	520	1158	s	Min	0.04	-285.07	-40.22	-5.05	-0.40	0.12	287.9	5.1	0.01	14.88	64.55	**112.80**
1840	520	1119	s	Min	-4.47	-63.09	-174.31	-4.46	0.07	-0.05	185.4	4.5	0.75	13.09	41.57	**73.31**
1840	520	1158	sle	Max	4.20	80.19	64.76	3.91	0.14	3.28	103.1	3.9	0.71	11.49	23.11	**41.85**
1840	520	1119	sle	Max	-2.02	106.48	53.01	5.35	5.29	5.12	118.9	7.5	0.34	22.10	26.67	**51.36**
1840	520	1158	sle	Min	2.02	-106.48	-51.94	-1.17	-0.28	1.59	118.5	1.2	0.34	3.54	26.57	**46.18**
1840	520	1119	sle	Min	-4.20	-80.19	-63.69	-0.21	2.27	2.45	102.4	2.3	0.71	6.69	22.96	**40.45**
1841	521	1158	s	Max	5.11	0.57	-29.18	2.44	2.22	-0.03	29.2	3.3	0.86	9.69	6.54	**15.48**
1841	521	1118	s	Max	-0.50	5.28	57.53	3.86	3.87	0.63	57.8	5.5	0.08	16.05	12.95	**27.64**
1841	521	1158	s	Min	0.50	-5.28	-56.98	-0.30	0.23	-0.63	57.2	0.4	0.08	1.10	12.83	**22.26**
1841	521	1118	s	Min	-5.11	-0.57	29.89	-0.38	0.37	0.03	29.9	0.5	0.86	1.57	6.70	**11.86**
1841	521	1158	sle	Max	4.66	-2.01	-48.61	2.71	2.04	-0.17	48.6	3.4	0.78	9.97	10.91	**21.74**
1841	521	1118	sle	Max	-3.25	5.82	57.82	4.23	3.52	0.54	58.1	5.5	0.55	16.15	13.03	**28.07**
1841	521	1158	sle	Min	3.25	-5.82	-57.27	0.92	1.66	-0.54	57.6	1.9	0.55	5.58	12.91	**23.18**
1841	521	1118	sle	Min	-4.66	2.01	49.16	1.48	2.21	0.17	49.2	2.7	0.78	7.81	11.03	**20.95**
1844	524	1159	s	Max	-1.42	-12.52	26.34	0.43	-0.74	-2.02	29.2	0.9	0.24	2.50	6.54	**11.65**
1844	524	1109	s	Max	3.56	29.46	-10.15	0.08	-1.69	-0.81	31.2	1.7	0.60	4.96	6.99	**13.32**
1844	524	1159	s	Min	-3.56	-29.46	11.73	-0.52	-2.07	-4.47	31.7	2.1	0.60	6.26	7.11	**14.10**
1844	524	1109	s	Min	1.42	12.52	-24.77	-0.58	-4.03	-2.65	27.8	4.1	0.24	11.95	6.22	**16.27**
1844	524	1159	sle	Max	-1.54	-12.96	14.85	-0.34	-0.88	-2.28	19.7	0.9	0.26	2.77	4.42	**8.23**
1844	524	1109	sle	Max	2.62	16.27	-10.58	0.16	-1.76	-0.80	19.4	1.8	0.44	5.20	4.35	**9.41**
1844	524	1159	sle	Min	-2.62	-16.27	11.79	-0.57	-1.56	-3.43	20.1	1.7	0.44	4.87	4.51	**9.44**
1844	524	1109	sle	Min	1.54	12.96	-13.64	-0.04	-2.92	-1.81	18.8	2.9	0.26	8.59	4.22	**11.47**
1846	526	1159	s	Max	0.36	22.74	6.63	-0.09	-0.29	-0.70	23.7	0.3	0.06	0.90	5.31	**9.25**
1846	526	1160	s	Max	1.13	13.55	9.75	0.16	0.61	1.42	16.7	0.6	0.19	1.84	3.74	**6.79**
1846	526	1159	s	Min	-1.13	-13.55	-8.45	-0.54	-1.17	-2.79	16.0	1.3	0.19	3.78	3.58	**7.36**
1846	526	1160	s	Min	-0.36	-22.74	-5.33	-1.47	0.07	0.14	23.4	1.5	0.06	4.31	5.24	**10.07**
1846	526	1159	sle	Max	-0.42	-13.20	7.41	-0.47	-0.64	-1.51	15.1	0.8	0.07	2.35	3.39	**6.35**
1846	526	1160	sle	Max	1.21	15.31	-5.42	-0.05	0.28	0.68	16.2	0.3	0.20	0.85	3.64	**6.39**
1846	526	1159	sle	Min	-1.21	-15.31	6.42	-0.65	-1.07	-2.51	16.6	1.2	0.20	3.67	3.72	**7.52**
1846	526	1160	sle	Min	0.42	13.20	-6.41	-0.05	0.04	0.09	14.7	0.1	0.07	0.19	3.29	**5.70**

1848	528	1160	s	Max	-7.51	1.40	-3.24	0.64	0.25	0.50	3.5	0.7	1.26	2.02	0.79	**3.56**
1848	528	1109	s	Max	18.68	1.08	5.49	0.28	-6.68	0.04	5.6	6.7	3.14	19.63	1.25	**22.87**
1848	528	1160	s	Min	-18.68	-1.08	-4.97	-1.01	-2.41	-0.04	5.1	2.6	3.14	7.66	1.14	**10.98**
1848	528	1109	s	Min	7.51	-1.40	3.64	-0.42	-13.67	-0.50	3.9	13.7	1.26	40.14	0.87	**41.43**
1848	528	1160	sle	Max	-6.52	-0.96	-3.24	0.73	0.31	0.14	3.4	0.8	1.10	2.33	0.76	**3.67**
1848	528	1109	sle	Max	11.45	1.35	4.28	0.45	-5.90	-0.02	4.5	5.9	1.93	17.37	1.01	**19.37**
1848	528	1160	sle	Min	-11.45	-1.35	-3.89	0.37	-0.68	0.02	4.1	0.8	1.93	2.27	0.92	**4.49**
1848	528	1109	sle	Min	6.52	0.96	3.64	0.43	-9.14	-0.14	3.8	9.1	1.10	26.85	0.84	**27.99**
1856	536	1113	s	Max	1.07	10.32	1.57	0.49	-0.09	0.97	10.4	0.5	0.18	1.46	2.34	**4.37**
1856	536	1109	s	Max	0.33	204.90	0.36	-0.44	0.26	1.16	204.9	0.5	0.06	1.51	45.94	**79.59**
1856	536	1113	s	Min	-0.33	-204.90	0.56	-1.02	-0.26	-0.30	204.9	1.1	0.06	3.09	45.94	**79.64**
1856	536	1109	s	Min	-1.07	-10.32	-0.38	-1.52	0.09	-0.37	10.3	1.5	0.18	4.48	2.32	**6.15**
1856	536	1113	sle	Max	0.83	8.45	1.31	-0.69	-0.20	0.66	8.5	0.7	0.14	2.10	1.92	**4.01**
1856	536	1109	sle	Max	0.02	9.33	-0.01	-0.24	0.29	1.00	9.3	0.4	0.00	1.10	2.09	**3.79**
1856	536	1113	sle	Min	-0.02	-9.33	0.92	-1.09	-0.29	-0.12	9.4	1.1	0.00	3.32	2.10	**4.93**
1856	536	1109	sle	Min	-0.83	-8.45	-0.39	-0.61	0.20	0.07	8.5	0.6	0.14	1.88	1.90	**3.85**
1858	538	1118	s	Max	0.86	-17.10	7.68	4.08	-0.03	0.65	18.7	4.1	0.14	11.98	4.20	**14.14**
1858	538	1119	s	Max	0.00	126.70	5.29	5.55	2.86	1.06	126.8	6.2	0.00	18.34	28.43	**52.55**
1858	538	1118	s	Min	0.00	-126.70	-4.10	-7.08	-2.86	0.15	126.8	7.6	0.00	22.43	28.42	**54.10**
1858	538	1119	s	Min	-0.86	17.10	-6.76	-7.35	0.03	-0.15	18.4	7.3	0.14	21.58	4.12	**22.86**
1858	538	1118	sle	Max	0.93	8.91	1.36	5.50	-0.99	0.61	9.0	5.6	0.16	16.41	2.02	**16.93**
1858	538	1119	sle	Max	-0.58	54.55	6.58	6.74	2.60	1.24	54.9	7.2	0.10	21.20	12.32	**30.15**
1858	538	1118	sle	Min	0.58	-54.55	-5.66	-0.96	-2.60	0.34	54.8	2.8	0.10	8.14	12.30	**22.83**
1858	538	1119	sle	Min	-0.93	-8.91	-0.44	-0.85	0.99	0.83	8.9	1.3	0.16	3.83	2.00	**5.28**
1859	539	1117	s	Max	0.19	-32.50	4.01	-0.47	0.76	0.19	32.7	0.9	0.03	2.63	7.34	**12.99**
1859	539	1118	s	Max	0.78	191.19	0.82	1.18	0.67	0.18	191.2	1.4	0.13	3.98	42.87	**74.37**
1859	539	1117	s	Min	-0.78	-191.19	0.10	-1.23	-0.67	-0.69	191.2	1.4	0.13	4.12	42.87	**74.37**
1859	539	1118	s	Min	-0.19	32.50	-2.82	-5.62	-0.76	-0.88	32.6	5.7	0.03	16.65	7.31	**20.95**
1859	539	1117	sle	Max	-0.24	-27.80	3.72	-1.07	0.29	-0.18	28.1	1.1	0.04	3.24	6.29	**11.38**
1859	539	1118	sle	Max	0.81	48.42	-0.86	-1.58	0.62	-0.29	48.4	1.7	0.14	4.99	10.86	**19.49**
1859	539	1117	sle	Min	-0.81	-48.42	1.78	-1.30	-0.62	-0.71	48.4	1.4	0.14	4.23	10.86	**19.32**
1859	539	1118	sle	Min	0.24	27.80	-2.81	-5.23	-0.29	-0.90	27.9	5.2	0.04	15.38	6.27	**18.85**
1861	541	1123	s	Max	-0.38	13.86	1.93	2.22	0.92	-0.34	14.0	2.4	0.06	7.05	3.14	**8.95**

1861	541	1124	s	Max	0.76	186.17	1.53	-0.07	0.27	-0.28	186.2	0.3	0.13	0.82	41.75	**72.31**
1861	541	1123	s	Min	-0.76	-186.17	-0.61	-1.59	-0.27	-0.87	186.2	1.6	0.13	4.72	41.74	**72.46**
1861	541	1124	s	Min	0.38	-13.86	-0.73	-1.08	-0.92	-0.72	13.9	1.4	0.06	4.15	3.11	**6.84**
1861	541	1123	sle	Max	-0.61	24.63	2.21	-1.24	1.59	-0.87	24.7	2.0	0.10	5.92	5.54	**11.33**
1861	541	1124	sle	Max	0.68	17.68	-0.61	-0.90	-1.49	-0.35	17.7	1.7	0.12	5.12	3.97	**8.64**
1861	541	1123	sle	Min	-0.68	-17.68	1.53	-2.24	1.49	-0.90	17.7	2.7	0.12	7.89	3.98	**10.57**
1861	541	1124	sle	Min	0.61	-24.63	-1.29	-1.27	-1.59	-0.47	24.7	2.0	0.10	5.96	5.53	**11.33**
1872	547	1123	s	Max	14.88	0.31	5.85	0.81	-5.91	0.37	5.9	6.0	2.50	17.53	1.31	**20.16**
1872	547	1121	s	Max	24.35	0.08	0.09	-0.04	-2.57	0.85	0.1	2.6	4.09	7.56	0.03	**11.65**
1872	547	1123	s	Min	-24.35	-0.08	2.24	0.06	-11.92	-0.24	2.2	11.9	4.09	34.98	0.50	**39.09**
1872	547	1121	s	Min	-14.88	-0.31	-3.52	-0.91	-7.02	-0.07	3.5	7.1	2.50	20.79	0.79	**23.33**
1872	547	1123	sle	Max	-21.84	0.27	2.55	0.96	-7.89	0.47	2.6	7.9	3.67	23.34	0.57	**27.03**
1872	547	1121	sle	Max	40.95	-0.04	1.07	-0.63	-4.51	0.58	1.1	4.5	6.89	13.35	0.24	**20.25**
1872	547	1123	sle	Min	-40.95	0.04	0.72	0.61	-8.91	0.12	0.7	8.9	6.89	26.22	0.16	**33.10**
1872	547	1121	sle	Min	21.84	-0.27	-0.76	-1.05	-4.53	0.02	0.8	4.7	3.67	13.66	0.18	**17.33**
1873	548	1121	s	Max	19.50	7.71	-6.32	0.41	7.02	5.64	10.0	7.0	3.28	20.65	2.24	**24.24**
1873	548	1118	s	Max	16.91	-0.58	16.95	-0.20	16.35	5.32	17.0	16.3	2.84	48.00	3.80	**51.27**
1873	548	1121	s	Min	-16.91	0.58	-16.10	-0.28	2.57	0.50	16.1	2.6	2.84	7.60	3.61	**12.17**
1873	548	1118	s	Min	-19.50	-7.71	7.17	-1.11	7.86	0.33	10.5	7.9	3.28	23.32	2.36	**26.91**
1873	548	1121	sle	Max	-27.11	2.53	-13.44	0.84	4.53	1.95	13.7	4.6	4.56	13.53	3.07	**18.86**
1873	548	1118	sle	Max	41.13	-0.72	15.66	-0.64	13.15	1.65	15.7	13.2	6.92	38.66	3.52	**45.98**
1873	548	1121	sle	Min	-41.13	0.72	-15.01	0.56	4.51	0.70	15.0	4.5	6.92	13.33	3.37	**21.07**
1873	548	1118	sle	Min	27.11	-2.53	14.10	-1.09	12.36	0.32	14.3	12.4	4.56	36.43	3.21	**41.36**
1874	549	1118	s	Max	22.60	-0.18	13.34	0.95	-7.69	-0.20	13.3	7.7	3.80	22.74	2.99	**27.04**
1874	549	1115	s	Max	16.81	2.91	-3.90	0.41	-4.75	-0.20	4.9	4.8	2.83	13.99	1.09	**16.93**
1874	549	1118	s	Min	-16.81	-2.91	5.22	-0.39	-15.50	-3.23	6.0	15.5	2.83	45.53	1.34	**48.41**
1874	549	1115	s	Min	-22.60	0.18	-12.01	-0.54	-12.05	-3.21	12.0	12.1	3.80	35.41	2.69	**39.49**
1874	549	1118	sle	Max	-26.04	-0.24	7.77	0.10	-11.50	-0.29	7.8	11.5	4.38	33.77	1.74	**38.27**
1874	549	1115	sle	Max	43.46	0.91	-6.35	0.55	-8.21	-0.23	6.4	8.2	7.31	24.15	1.44	**31.56**
1874	549	1118	sle	Min	-43.46	-0.91	7.36	-0.52	-12.98	-1.06	7.4	13.0	7.31	38.13	1.66	**45.54**
1874	549	1115	sle	Min	26.04	0.24	-6.75	0.03	-8.27	-0.96	6.8	8.3	4.38	24.27	1.52	**28.77**
1875	550	1115	s	Max	15.43	0.47	-2.92	0.62	12.05	0.75	3.0	12.1	2.60	35.42	0.66	**38.03**
1875	550	1109	s	Max	26.13	-0.07	10.17	0.41	16.36	0.71	10.2	16.4	4.39	48.06	2.28	**52.60**

1875	550	1115	s	Min	-26.13	0.07	-8.32	-0.42	4.75	0.09	8.3	4.8	4.39	14.00	1.87	**18.67**
1875	550	1109	s	Min	-15.43	-0.47	4.77	-0.64	7.53	0.11	4.8	7.6	2.60	22.18	1.08	**24.85**
1875	550	1115	sle	Max	-23.45	0.10	-6.89	0.02	8.27	0.16	6.9	8.3	3.94	24.27	1.55	**28.34**
1875	550	1109	sle	Max	44.30	0.11	9.08	0.54	11.82	0.16	9.1	11.8	7.45	34.74	2.04	**42.34**
1875	550	1115	sle	Min	-44.30	-0.11	-7.65	-0.56	8.21	-0.27	7.7	8.2	7.45	24.16	1.72	**31.75**
1875	550	1109	sle	Min	23.45	-0.10	8.32	0.00	11.00	-0.07	8.3	11.0	3.94	32.29	1.86	**36.38**
1876	551	1109	s	Max	100.21	-0.57	26.62	0.62	-8.40	-0.06	26.6	8.4	16.85	24.71	5.97	**42.83**
1876	551	1110	s	Max	-25.01	24.84	-10.13	0.14	7.38	-0.22	26.8	7.4	4.21	21.68	6.02	**27.90**
1876	551	1109	s	Min	25.01	-24.84	10.42	-0.06	-17.32	-4.50	26.9	17.3	4.21	50.85	6.04	**56.04**
1876	551	1110	s	Min	-100.21	0.57	-26.33	-0.21	3.81	-7.56	26.3	3.8	16.85	11.21	5.91	**29.87**
1876	551	1109	sle	Max	25.22	-0.92	16.05	0.01	-12.80	-0.10	16.1	12.8	4.24	37.59	3.60	**42.29**
1876	551	1110	sle	Max	7.19	8.66	-15.31	0.25	6.12	-0.34	17.6	6.1	1.21	17.98	3.94	**20.37**
1876	551	1109	sle	Min	-7.19	-8.66	15.54	0.01	-13.82	-1.07	17.8	13.8	1.21	40.58	3.99	**42.35**
1876	551	1110	sle	Min	-25.22	0.92	-15.82	0.02	5.83	-3.14	15.8	5.8	4.24	17.10	3.55	**22.21**
1879	554	1119	s	Max	12.78	0.25	0.55	1.67	13.64	0.42	0.6	13.7	2.15	40.35	0.14	**42.50**
1879	554	1116	s	Max	100.22	4.88	15.73	-0.22	8.39	0.86	16.5	8.4	16.85	24.65	3.69	**41.99**
1879	554	1119	s	Min	-100.22	-22.06	-14.71	0.19	-0.25	-12.90	26.5	0.3	16.85	0.91	5.95	**20.53**
1879	554	1116	s	Min	-12.78	-11.18	0.77	-0.91	0.77	-5.07	11.2	1.2	2.15	3.51	2.51	**7.14**
1879	554	1119	sle	Max	0.43	0.58	-2.48	0.38	5.03	0.99	2.5	5.0	0.07	14.81	0.57	**14.92**
1879	554	1116	sle	Max	74.49	-0.58	8.41	-0.07	3.26	4.10	8.4	3.3	12.53	9.57	1.89	**22.33**
1879	554	1119	sle	Min	-74.49	-11.20	-7.39	-0.01	3.78	-4.37	13.4	3.8	12.53	11.10	3.01	**24.19**
1879	554	1116	sle	Min	-0.43	-10.96	3.50	-0.37	1.64	0.29	11.5	1.7	0.07	4.93	2.58	**6.71**
1880	555	1122	s	Max	8.03	10.62	8.22	0.47	0.64	6.37	13.4	0.8	1.35	2.33	3.01	**6.38**
1880	555	1119	s	Max	110.63	0.61	6.54	1.56	8.44	13.40	6.6	8.6	18.61	25.21	1.47	**43.89**
1880	555	1122	s	Min	-110.63	-0.61	-5.69	-2.61	-6.13	-0.53	5.7	6.7	18.61	19.55	1.28	**38.22**
1880	555	1119	s	Min	-8.03	-22.11	-7.37	-1.61	-6.70	-0.33	23.3	6.9	1.35	20.23	5.23	**23.41**
1880	555	1122	sle	Max	5.50	-0.23	-10.58	0.53	0.96	-0.57	10.6	1.1	0.92	3.23	2.37	**5.84**
1880	555	1119	sle	Max	73.62	0.23	12.23	1.33	16.52	3.35	12.2	16.6	12.38	48.64	2.74	**61.21**
1880	555	1122	sle	Min	-73.62	-6.82	-11.58	-1.31	-0.87	-2.91	13.4	1.6	12.38	4.62	3.01	**17.78**
1880	555	1119	sle	Min	-5.50	-7.43	11.24	-0.56	9.01	0.25	13.5	9.0	0.92	26.52	3.02	**27.93**

1881	556	1124	s	Max	33.51	0.12	3.30	2.22	-0.75	0.39	3.3	2.3	5.64	6.87	0.74	**12.57**
1881	556	1122	s	Max	46.20	1.02	5.77	0.35	6.05	15.14	5.9	6.1	7.77	17.79	1.31	**25.66**
1881	556	1124	s	Min	-46.20	-30.80	-3.98	-0.03	-3.43	-21.14	31.1	3.4	7.77	10.08	6.96	**21.54**
1881	556	1122	s	Min	-33.51	-27.71	-1.36	-1.72	1.38	-2.29	27.7	2.2	5.64	6.48	6.22	**16.21**
1881	556	1124	sle	Max	17.41	0.16	2.98	2.32	-3.63	0.56	3.0	4.3	2.93	12.66	0.67	**15.63**
1881	556	1122	sle	Max	35.74	-0.16	3.57	-1.30	2.58	11.68	3.6	2.9	6.01	8.47	0.80	**14.54**
1881	556	1124	sle	Min	-35.74	-19.73	-1.77	1.24	-4.85	-12.57	19.8	5.0	6.01	14.70	4.44	**22.10**
1881	556	1122	sle	Min	-17.41	-19.27	-1.19	-2.25	2.32	0.06	19.3	3.2	2.93	9.49	4.33	**14.50**
1882	557	1097	s	Max	89.68	1.41	7.39	2.67	9.56	2.70	7.5	9.9	15.08	29.14	1.69	**44.32**
1882	557	1124	s	Max	-16.19	-0.07	2.39	0.06	8.77	20.00	2.4	8.8	2.72	25.75	0.54	**28.49**
1882	557	1097	s	Min	16.19	-24.82	-0.23	-0.52	0.24	-11.82	24.8	0.6	2.72	1.68	5.57	**10.60**
1882	557	1124	s	Min	-89.68	-29.37	-5.23	-3.49	1.80	0.13	29.8	3.9	15.08	11.52	6.69	**29.01**
1882	557	1097	sle	Max	41.44	0.16	-1.88	2.88	13.37	0.33	1.9	13.7	6.97	40.16	0.42	**47.14**
1882	557	1124	sle	Max	7.01	-0.16	6.59	-1.53	11.29	11.99	6.6	11.4	1.18	33.45	1.48	**34.72**
1882	557	1097	sle	Min	-7.01	-17.33	-4.93	1.47	8.50	-9.35	18.0	8.6	1.18	25.33	4.04	**27.42**
1882	557	1124	sle	Min	-41.44	-18.80	3.54	-3.14	9.67	0.22	19.1	10.2	6.97	29.86	4.29	**37.57**
1888	563	1160	s	Max	-0.19	21.52	6.76	2.24	2.49	-0.06	22.6	3.3	0.03	9.82	5.06	**13.18**
1888	563	1112	s	Max	2.02	12.46	10.49	0.26	-1.02	-0.33	16.3	1.1	0.34	3.10	3.65	**7.20**
1888	563	1160	s	Min	-2.02	-12.46	-9.49	-0.76	0.86	-1.51	15.7	1.1	0.34	3.36	3.51	**7.12**
1888	563	1112	s	Min	0.19	-21.52	-5.46	-0.78	-4.05	-2.54	22.2	4.1	0.03	12.12	4.98	**14.90**
1888	563	1160	sle	Max	-0.60	-12.13	7.21	-0.21	1.28	-0.34	14.1	1.3	0.10	3.80	3.16	**6.73**
1888	563	1112	sle	Max	0.81	13.99	-4.93	-0.26	-1.70	-0.87	14.8	1.7	0.14	5.06	3.33	**7.76**
1888	563	1160	sle	Min	-0.81	-13.99	5.93	-0.67	1.01	-0.40	15.2	1.2	0.14	3.57	3.41	**6.97**
1888	563	1112	sle	Min	0.60	12.13	-6.21	-0.76	-1.79	-1.21	13.6	1.9	0.10	5.72	3.06	**7.86**
1892	567	1109	s	Max	1.18	6.91	1.74	3.21	1.71	0.94	7.1	3.6	0.20	10.69	1.60	**11.23**
1892	567	1112	s	Max	-0.32	169.38	2.40	0.66	0.17	1.43	169.4	0.7	0.05	2.00	37.98	**65.82**
1892	567	1109	s	Min	0.32	-169.38	-1.48	-1.18	-0.17	0.38	169.4	1.2	0.05	3.49	37.98	**65.88**
1892	567	1112	s	Min	-1.18	-6.91	-0.55	-1.11	-1.71	0.25	6.9	2.0	0.20	5.98	1.56	**6.74**
1892	567	1109	sle	Max	0.48	5.90	1.52	-0.23	0.37	0.53	6.1	0.4	0.08	1.27	1.37	**2.72**
1892	567	1112	sle	Max	-0.18	17.98	0.16	-0.37	-0.19	0.43	18.0	0.4	0.03	1.22	4.03	**7.09**
1892	567	1109	sle	Min	0.18	-17.98	0.76	-1.05	0.19	0.47	18.0	1.1	0.03	3.13	4.03	**7.67**
1892	567	1112	sle	Min	-0.48	-5.90	-0.60	-1.07	-0.37	-0.11	5.9	1.1	0.08	3.32	1.33	**4.11**
1895	569	1112	s	Max	40.31	-2.32	1.78	2.12	6.48	-0.65	2.9	6.8	6.78	20.02	0.66	**26.83**

1895	569	1111	s	Max	50.17	33.74	18.13	-0.32	1.92	1.18	38.3	1.9	8.44	5.70	8.59	**20.52**
1895	569	1112	s	Min	-50.17	-39.65	-17.90	0.39	-2.32	-18.66	43.5	2.4	8.44	6.91	9.75	**22.82**
1895	569	1111	s	Min	-40.31	2.32	-1.49	-1.04	0.76	-5.42	2.8	1.3	6.78	3.79	0.62	**10.62**
1895	569	1112	sle	Max	1.73	-2.92	0.55	0.67	-1.24	-0.74	3.0	1.4	0.29	4.14	0.67	**4.58**
1895	569	1111	sle	Max	54.47	2.92	3.89	-0.35	1.92	3.58	4.9	1.9	9.16	5.71	1.09	**14.99**
1895	569	1112	sle	Min	-54.47	-7.42	-3.67	0.43	-2.07	-6.00	8.3	2.1	9.16	6.22	1.86	**15.71**
1895	569	1111	sle	Min	-1.73	2.56	-0.32	-0.52	1.44	-0.68	2.6	1.5	0.29	4.50	0.58	**4.89**
1896	570	1116	s	Max	12.38	2.32	4.74	1.48	-2.22	3.59	5.3	2.7	2.08	7.83	1.18	**10.12**
1896	570	1112	s	Max	61.95	0.01	0.16	0.67	0.81	15.36	0.2	1.1	10.42	3.09	0.04	**13.50**
1896	570	1116	s	Min	-61.95	-20.76	1.36	-0.67	-7.83	-7.62	20.8	7.9	10.42	23.08	4.66	**34.46**
1896	570	1112	s	Min	-12.38	-25.75	-2.89	-1.85	-3.45	-0.01	25.9	3.9	2.08	11.50	5.81	**16.91**
1896	570	1116	sle	Max	4.77	0.00	1.43	0.39	-2.61	-0.05	1.4	2.6	0.80	7.74	0.32	**8.56**
1896	570	1112	sle	Max	44.16	0.00	1.82	0.65	1.10	7.88	1.8	1.3	7.43	3.74	0.41	**11.18**
1896	570	1116	sle	Min	-44.16	-15.39	-0.40	-0.65	-3.69	-7.51	15.4	3.7	7.43	11.00	3.45	**19.37**
1896	570	1112	sle	Min	-4.77	-15.62	-0.01	-0.41	0.51	0.04	15.6	0.7	0.80	1.91	3.50	**6.65**
1903	578	1171	s	Max	-6.84	0.76	4.46	0.01	9.98	2.53	4.5	10.0	1.15	29.31	1.01	**30.51**
1903	578	1173	s	Max	60.46	0.28	-1.25	0.10	2.58	0.28	1.3	2.6	10.17	7.57	0.29	**17.74**
1903	578	1171	s	Min	-60.46	-12.77	2.30	-0.12	0.30	-1.49	13.0	0.3	10.17	0.95	2.91	**12.21**
1903	578	1173	s	Min	6.84	-13.62	-3.41	-0.01	-4.29	-3.27	14.0	4.3	1.15	12.59	3.15	**14.79**
1903	578	1171	sle	Max	25.14	-0.23	3.08	0.02	4.11	2.84	3.1	4.1	4.23	12.06	0.69	**16.33**
1903	578	1173	sle	Max	9.54	0.23	-2.22	0.06	2.32	0.24	2.2	2.3	1.60	6.80	0.50	**8.45**
1903	578	1171	sle	Min	-9.54	-9.25	3.03	-0.05	2.11	0.16	9.7	2.1	1.60	6.19	2.18	**8.66**
1903	578	1173	sle	Min	-25.14	-8.35	-2.27	-0.01	1.10	-2.04	8.6	1.1	4.23	3.24	1.94	**8.19**
1905	580	1175	s	Max	-29.20	-0.10	7.78	0.06	-2.00	0.69	7.8	2.0	4.91	5.88	1.75	**11.20**
1905	580	1176	s	Max	89.13	1.16	-2.46	0.01	15.86	1.35	2.7	15.9	14.99	46.58	0.61	**61.57**
1905	580	1175	s	Min	-89.13	-1.16	3.51	0.00	-4.88	0.05	3.7	4.9	14.99	14.33	0.83	**29.35**
1905	580	1176	s	Min	29.20	0.10	-6.73	-0.03	7.27	0.12	6.7	7.3	4.91	21.34	1.51	**26.38**
1905	580	1175	sle	Max	-5.10	-0.03	5.27	0.02	-4.02	0.19	5.3	4.0	0.86	11.81	1.18	**12.84**
1905	580	1176	sle	Max	37.84	0.29	-4.28	0.02	12.48	0.31	4.3	12.5	6.36	36.64	0.96	**43.03**
1905	580	1175	sle	Min	-37.84	-0.29	5.09	-0.02	-4.18	-0.02	5.1	4.2	6.36	12.28	1.14	**18.75**
1905	580	1176	sle	Min	5.10	0.03	-4.46	-0.01	11.67	0.07	4.5	11.7	0.86	34.26	1.00	**35.16**
1906	581	1177	s	Max	-28.46	-0.41	19.75	0.06	24.50	3.03	19.8	24.5	4.79	71.94	4.43	**77.11**
1906	581	1175	s	Max	104.52	3.05	-8.38	0.02	4.88	1.81	8.9	4.9	17.58	14.33	2.00	**32.10**

1906	581	1177	s	Min	- 104.52	-3.05	9.33	0.01	11.09	0.41	9.8	11.1	17.58	32.57	2.20	**50.29**
1906	581	1175	s	Min	28.46	0.41	-18.81	-0.03	2.00	0.24	18.8	2.0	4.79	5.88	4.22	**12.93**
1906	581	1177	sle	Max	-3.14	-0.31	14.60	0.02	18.41	0.74	14.6	18.4	0.53	54.05	3.27	**54.87**
1906	581	1175	sle	Max	36.85	0.68	-13.73	0.02	4.18	0.33	13.8	4.2	6.20	12.28	3.08	**19.23**
1906	581	1177	sle	Min	-36.85	-0.68	14.46	-0.02	17.69	0.34	14.5	17.7	6.20	51.95	3.25	**58.42**
1906	581	1175	sle	Min	3.14	0.31	-13.87	-0.01	4.02	0.14	13.9	4.0	0.53	11.81	3.11	**13.47**
1915	587	1180	s	Max	0.67	26.38	3.78	-0.06	0.20	0.62	26.6	0.2	0.11	0.62	5.97	**10.37**
1915	587	1177	s	Max	0.19	263.71	-0.42	-0.77	0.26	0.72	263.7	0.8	0.03	2.40	59.13	**102.44**
1915	587	1180	s	Min	-0.19	-263.71	1.62	-1.26	-0.26	-0.41	263.7	1.3	0.03	3.79	59.13	**102.49**
1915	587	1177	s	Min	-0.67	-26.38	-2.86	-5.95	-0.20	0.03	26.5	6.0	0.11	17.48	5.95	**20.39**
1915	587	1180	sle	Max	0.38	19.89	2.86	-1.50	0.31	0.46	20.1	1.5	0.06	4.49	4.51	**9.04**
1915	587	1177	sle	Max	0.16	22.33	-1.29	-1.99	-0.20	0.30	22.4	2.0	0.03	5.88	5.02	**10.51**
1915	587	1180	sle	Min	-0.16	-22.33	2.21	-1.72	0.20	-0.17	22.4	1.7	0.03	5.09	5.03	**10.11**
1915	587	1177	sle	Min	-0.38	-19.89	-1.94	-3.08	-0.31	-0.14	20.0	3.1	0.06	9.10	4.48	**12.01**
1920	592	1184	s	Max	0.27	92.26	6.76	0.39	0.38	0.59	92.5	0.5	0.04	1.60	20.74	**35.96**
1920	592	1185	s	Max	0.01	16.06	29.82	-0.68	0.06	0.09	33.9	0.7	0.00	2.00	7.60	**13.31**
1920	592	1184	s	Min	-0.01	-16.06	-28.85	-0.88	0.09	0.36	33.0	0.9	0.00	2.59	7.40	**13.08**
1920	592	1185	s	Min	-0.27	-92.26	-5.50	-3.22	-0.39	-0.38	92.4	3.2	0.04	9.52	20.72	**37.15**
1920	592	1184	sle	Max	0.01	23.17	1.74	-0.86	0.44	0.43	23.2	1.0	0.00	2.85	5.21	**9.46**
1920	592	1185	sle	Max	0.17	-0.16	6.81	-1.53	-0.44	-0.42	6.8	1.6	0.03	4.66	1.53	**5.38**
1920	592	1184	sle	Min	-0.17	0.16	-5.84	-1.10	0.44	0.38	5.8	1.2	0.03	3.47	1.31	**4.17**
1920	592	1185	sle	Min	-0.01	-23.17	-0.78	-1.93	-0.55	-0.71	23.2	2.0	0.00	5.89	5.20	**10.76**
1921	593	1184	s	Max	0.51	-32.24	41.57	0.12	0.66	0.63	52.6	0.7	0.09	1.98	11.79	**20.53**
1921	593	1177	s	Max	-0.07	58.37	-21.68	-0.04	0.16	0.48	62.3	0.2	0.01	0.48	13.96	**24.19**
1921	593	1184	s	Min	0.07	-58.37	23.11	-0.45	0.33	0.39	62.8	0.6	0.01	1.64	14.08	**24.44**
1921	593	1177	s	Min	-0.51	32.24	-40.13	-4.42	-0.41	-0.31	51.5	4.4	0.09	13.03	11.54	**23.91**
1921	593	1184	sle	Max	0.15	-46.92	34.03	-0.65	0.72	0.56	58.0	1.0	0.03	2.84	13.00	**22.69**
1921	593	1177	sle	Max	-0.03	48.95	-31.98	-1.02	-0.47	-0.25	58.5	1.1	0.00	3.30	13.11	**22.95**
1921	593	1184	sle	Min	0.03	-48.95	33.08	-0.66	0.67	0.53	59.1	0.9	0.00	2.77	13.25	**23.11**
1921	593	1177	sle	Min	-0.15	46.92	-32.92	-1.85	-0.68	-0.48	57.3	2.0	0.03	5.78	12.85	**23.01**
1938	609	1174	s	Max	24.62	4.32	15.30	-0.17	8.51	3.76	15.9	8.5	4.14	24.98	3.56	**29.77**
1938	609	1200	s	Max	43.92	-0.19	0.53	0.34	21.19	-0.22	0.6	21.2	7.39	62.22	0.13	**69.61**

1938	609	1174	s	Min	-43.92	-11.94	0.63	-0.50	-0.16	-3.48	12.0	0.5	7.39	1.56	2.68	**10.08**
1938	609	1200	s	Min	-24.62	-17.07	-14.41	0.16	0.01	-8.71	22.3	0.2	4.14	0.48	5.01	**9.83**
1938	609	1174	sle	Max	41.18	0.10	5.55	-0.20	3.10	4.67	5.6	3.1	6.93	9.12	1.25	**16.19**
1938	609	1200	sle	Max	4.51	-0.10	-2.43	0.24	8.41	-0.16	2.4	8.4	0.76	24.71	0.55	**25.48**
1938	609	1174	sle	Min	-4.51	-10.64	3.32	-0.20	1.47	-0.04	11.1	1.5	0.76	4.36	2.50	**6.71**
1938	609	1200	sle	Min	-41.18	-8.70	-4.66	0.20	3.91	-2.80	9.9	3.9	6.93	11.50	2.21	**18.82**
1938	610	1200	s	Max	25.12	97.85	3.12	0.33	-0.03	7.52	97.9	0.3	4.22	0.98	21.95	**38.37**
1938	610	1192	s	Max	43.60	11.51	15.09	-0.05	22.48	0.05	19.0	22.5	7.33	66.00	4.26	**73.70**
1938	610	1200	s	Min	-43.60	-11.51	-15.08	0.05	-22.68	0.10	19.0	22.7	7.33	66.59	4.25	**74.29**
1938	610	1192	s	Min	-25.12	-98.05	-3.11	-0.36	0.07	-8.86	98.1	0.4	4.22	1.08	22.00	**38.47**
1938	610	1200	sle	Max	41.67	32.72	0.73	0.22	-4.26	2.21	32.7	4.3	7.01	12.52	7.34	**23.30**
1938	610	1192	sle	Max	4.15	-4.03	4.11	-0.13	8.98	0.18	5.8	9.0	0.70	26.37	1.29	**27.16**
1938	610	1200	sle	Min	-4.15	4.03	-4.10	0.13	-9.03	-0.23	5.7	9.0	0.70	26.50	1.29	**27.29**
1938	610	1192	sle	Min	-41.67	-32.86	-0.73	-0.23	4.27	-2.66	32.9	4.3	7.01	12.54	7.37	**23.35**
1939	611	1192	s	Max	24.66	-0.11	0.20	2.05	-0.13	8.21	0.2	2.1	4.15	6.02	0.05	**10.17**
1939	611	1171	s	Max	40.98	5.65	22.67	-0.22	-0.35	3.54	23.4	0.4	6.89	1.22	5.24	**12.17**
1939	611	1192	s	Min	-40.98	-17.04	-21.95	0.22	-24.02	0.16	27.8	24.0	6.89	70.51	6.23	**78.15**
1939	611	1171	s	Min	-24.66	-6.64	0.74	-1.99	-10.94	-0.01	6.7	11.1	4.15	32.65	1.50	**36.89**
1939	611	1192	sle	Max	39.61	0.02	-4.07	0.97	-4.68	2.06	4.1	4.8	6.66	14.02	0.91	**20.74**
1939	611	1171	sle	Max	3.91	-0.02	9.68	-0.54	-2.36	-0.08	9.7	2.4	0.66	7.11	2.17	**8.63**
1939	611	1192	sle	Min	-3.91	-7.69	-8.95	0.54	-9.68	0.05	11.8	9.7	0.66	28.48	2.65	**29.49**
1939	611	1171	sle	Min	-39.61	-8.09	4.80	-0.97	-4.62	-2.37	9.4	4.7	6.66	13.87	2.11	**20.85**
1942	614	1190	s	Max	-23.63	3.07	-5.00	0.13	-5.17	-0.20	5.9	5.2	3.97	15.18	1.31	**19.29**
1942	614	1177	s	Max	95.19	-0.24	13.81	0.07	-7.83	-0.26	13.8	7.8	16.01	22.98	3.10	**39.35**
1942	614	1190	s	Min	-95.19	0.24	-12.64	-0.10	-11.83	-3.72	12.6	11.8	16.01	34.73	2.84	**50.97**
1942	614	1177	s	Min	23.63	-3.07	6.16	-0.24	-17.73	-2.52	6.9	17.7	3.97	52.06	1.54	**56.10**
1942	614	1190	sle	Max	1.55	0.58	-9.98	-0.05	-8.49	-0.29	10.0	8.5	0.26	24.91	2.24	**25.47**
1942	614	1177	sle	Max	32.34	-0.35	11.71	0.18	-12.92	-0.25	11.7	12.9	5.44	37.95	2.63	**43.62**
1942	614	1190	sle	Min	-32.34	0.35	-10.81	-0.21	-8.94	-0.87	10.8	8.9	5.44	26.25	2.43	**31.96**
1942	614	1177	sle	Min	-1.55	-0.58	10.88	0.04	-13.12	-0.38	10.9	13.1	0.26	38.51	2.44	**39.00**
1945	617	1177	s	Max	0.12	7.42	0.83	2.73	-0.06	0.36	7.5	2.7	0.02	8.02	1.67	**8.55**
1945	617	1192	s	Max	0.03	192.01	1.08	-0.16	1.54	0.01	192.0	1.5	0.01	4.53	43.05	**74.71**
1945	617	1177	s	Min	-0.03	-192.01	-0.08	-0.30	-1.54	-0.03	192.0	1.6	0.01	4.59	43.05	**74.71**

1945	617	1192	s	Min	-0.12	-7.42	0.37	-1.66	0.06	-0.19	7.4	1.7	0.02	4.89	1.67	**5.69**
1945	617	1177	sle	Max	-0.04	-4.27	0.64	0.40	-0.41	0.07	4.3	0.6	0.01	1.69	0.97	**2.39**
1945	617	1192	sle	Max	0.05	31.06	0.28	-0.41	0.70	-0.04	31.1	0.8	0.01	2.39	6.96	**12.30**
1945	617	1177	sle	Min	-0.05	-31.06	0.64	0.05	-0.70	-0.04	31.1	0.7	0.01	2.07	6.97	**12.24**
1945	617	1192	sle	Min	0.04	4.27	0.28	-0.76	0.41	-0.17	4.3	0.9	0.01	2.53	0.96	**3.03**
1946	618	1185	s	Max	-0.01	11.48	0.60	1.22	0.88	0.14	11.5	1.5	0.00	4.41	2.58	**6.28**
1946	618	1177	s	Max	0.50	4.37	1.90	1.69	-0.32	0.58	4.8	1.7	0.08	5.06	1.07	**5.47**
1946	618	1185	s	Min	-0.50	-4.37	-1.50	-1.63	0.29	-0.58	4.6	1.7	0.08	4.87	1.04	**5.27**
1946	618	1177	s	Min	0.01	-11.48	-0.20	-6.02	-1.21	-0.14	11.5	6.1	0.00	18.03	2.57	**18.57**
1946	618	1185	sle	Max	-0.35	-0.86	1.51	1.38	0.73	0.03	1.7	1.6	0.06	4.58	0.39	**4.69**
1946	618	1177	sle	Max	0.65	3.77	-0.68	1.13	-0.76	0.00	3.8	1.4	0.11	4.01	0.86	**4.37**
1946	618	1185	sle	Min	-0.65	-3.77	0.99	0.92	0.52	0.00	3.9	1.1	0.11	3.10	0.87	**3.55**
1946	618	1177	sle	Min	0.35	0.86	-1.20	-0.34	-1.16	-0.03	1.5	1.2	0.06	3.56	0.33	**3.67**
1947	619	1185	s	Max	0.52	80.78	4.91	4.85	0.09	0.93	80.9	4.9	0.09	14.25	18.15	**34.55**
1947	619	1200	s	Max	-0.24	11.70	29.50	-0.22	1.49	1.19	31.7	1.5	0.04	4.42	7.11	**13.10**
1947	619	1185	s	Min	0.24	-11.70	-28.53	-0.54	-0.75	0.24	30.8	0.9	0.04	2.72	6.91	**12.29**
1947	619	1200	s	Min	-0.52	-80.78	-3.65	-0.66	0.02	0.11	80.9	0.7	0.09	1.95	18.13	**31.47**
1947	619	1185	sle	Max	0.49	24.03	-0.73	1.01	-0.09	0.71	24.0	1.0	0.08	2.98	5.39	**9.82**
1947	619	1200	sle	Max	-0.36	-3.92	8.77	-0.33	0.61	0.59	9.6	0.7	0.06	2.04	2.15	**4.28**
1947	619	1185	sle	Min	0.36	3.92	-7.80	0.15	-0.18	0.39	8.7	0.2	0.06	0.68	1.96	**3.47**
1947	619	1200	sle	Min	-0.49	-24.03	1.70	-0.45	0.35	0.39	24.1	0.6	0.08	1.68	5.40	**9.52**
2059	725	1160	s	Max	19.38	0.11	4.86	0.22	-0.01	0.43	4.9	0.2	3.26	0.65	1.09	**4.34**
2059	725	1239	s	Max	-6.90	0.09	0.72	0.05	2.20	0.25	0.7	2.2	1.16	6.47	0.16	**7.64**
2059	725	1160	s	Min	6.90	-0.09	2.90	-0.04	-1.46	-0.20	2.9	1.5	1.16	4.30	0.65	**5.58**
2059	725	1239	s	Min	-19.38	-0.11	-1.38	-0.34	0.40	-0.35	1.4	0.5	3.26	1.53	0.31	**4.82**
2059	725	1160	sle	Max	10.85	0.03	3.09	-0.01	-0.63	0.11	3.1	0.6	1.82	1.86	0.69	**3.88**
2059	725	1239	sle	Max	-6.91	0.11	0.06	0.22	1.77	0.05	0.1	1.8	1.16	5.24	0.03	**6.41**
2059	725	1160	sle	Min	6.91	-0.11	2.73	-0.11	-1.61	-0.29	2.7	1.6	1.16	4.72	0.61	**5.98**
2059	725	1239	sle	Min	-10.85	-0.03	-0.30	-0.02	0.81	-0.34	0.3	0.8	1.82	2.36	0.07	**4.19**
2062	728	1166	s	Max	-0.06	-32.15	41.95	0.12	-0.34	-0.38	52.9	0.4	0.01	1.06	11.85	**20.55**
2062	728	1239	s	Max	0.49	59.20	-21.62	-0.05	0.45	0.33	63.0	0.5	0.08	1.33	14.13	**24.52**
2062	728	1166	s	Min	-0.49	-59.20	23.05	-0.45	-0.85	-0.86	63.5	1.0	0.08	2.83	14.25	**24.85**
2062	728	1239	s	Min	0.06	32.15	-40.51	-4.42	-0.14	-0.34	51.7	4.4	0.01	12.99	11.60	**23.93**

2062	728	1166	sle	Max	-0.01	-46.78	34.24	-0.63	-0.73	-0.53	58.0	1.0	0.00	2.85	13.00	**22.69**
2062	728	1239	sle	Max	0.13	49.44	-31.89	-0.83	0.72	0.50	58.8	1.1	0.02	3.21	13.19	**23.07**
2062	728	1166	sle	Min	-0.13	-49.44	32.99	-0.65	-0.80	-0.70	59.4	1.0	0.02	3.03	13.33	**23.28**
2062	728	1239	sle	Min	0.01	46.78	-33.14	-1.86	0.63	0.45	57.3	2.0	0.00	5.76	12.85	**23.00**
2063	729	1247	s	Max	-0.24	80.90	4.78	4.86	0.75	-0.25	81.0	4.9	0.04	14.43	18.17	**34.64**
2063	729	1248	s	Max	0.63	11.32	29.54	-0.22	-0.01	-0.11	31.6	0.2	0.11	0.65	7.09	**12.31**
2063	729	1247	s	Min	-0.63	-11.32	-28.57	-0.53	-0.10	-0.93	30.7	0.5	0.11	1.58	6.89	**12.05**
2063	729	1248	s	Min	0.24	-80.90	-3.52	-0.66	-1.49	-1.20	81.0	1.6	0.04	4.79	18.16	**31.82**
2063	729	1247	sle	Max	-0.49	24.38	1.02	1.02	0.17	-0.53	24.4	1.0	0.08	3.04	5.47	**9.98**
2063	729	1248	sle	Max	0.50	1.14	8.89	-0.30	-0.38	-0.45	9.0	0.5	0.08	1.43	2.01	**3.80**
2063	729	1247	sle	Min	-0.50	-1.14	-7.92	-0.02	0.06	-0.72	8.0	0.1	0.08	0.18	1.79	**3.12**
2063	729	1248	sle	Min	0.49	-24.38	-0.05	-0.45	-0.61	-0.59	24.4	0.8	0.08	2.23	5.47	**9.75**
2064	730	1166	s	Max	0.04	92.40	6.62	0.39	-0.10	-0.33	92.6	0.4	0.01	1.19	20.77	**36.00**
2064	730	1247	s	Max	0.25	15.64	29.87	-0.68	0.42	0.41	33.7	0.8	0.04	2.35	7.56	**13.31**
2064	730	1166	s	Min	-0.25	-15.64	-28.90	-0.87	-0.40	-0.81	32.9	1.0	0.04	2.81	7.37	**13.08**
2064	730	1247	s	Min	-0.04	-92.40	-5.36	-3.22	-0.04	-0.05	92.6	3.2	0.01	9.46	20.75	**37.17**
2064	730	1166	sle	Max	0.19	23.56	3.55	-0.86	-0.46	-0.36	23.8	1.0	0.03	2.86	5.34	**9.69**
2064	730	1247	sle	Max	-0.03	5.41	6.94	-1.42	0.58	0.74	8.8	1.5	0.00	4.50	1.97	**5.65**
2064	730	1166	sle	Min	0.03	-5.41	-5.97	-1.11	-0.54	-0.57	8.1	1.2	0.00	3.62	1.81	**4.79**
2064	730	1247	sle	Min	-0.19	-23.56	-2.58	-1.93	0.56	0.62	23.7	2.0	0.03	5.90	5.31	**10.95**
2065	731	1247	s	Max	0.50	11.49	0.59	1.21	-0.31	0.58	11.5	1.3	0.08	3.67	2.58	**5.84**
2065	731	1239	s	Max	-0.03	4.33	1.90	1.67	1.22	0.15	4.7	2.1	0.00	6.08	1.06	**6.36**
2065	731	1247	s	Min	0.03	-4.33	-1.50	-1.64	-0.89	-0.15	4.6	1.9	0.00	5.46	1.03	**5.75**
2065	731	1239	s	Min	-0.50	-11.49	-0.19	-6.03	0.35	-0.58	11.5	6.0	0.08	17.72	2.58	**18.36**
2065	731	1247	sle	Max	0.68	-0.82	1.56	1.44	-0.62	-0.01	1.8	1.6	0.11	4.59	0.39	**4.75**
2065	731	1239	sle	Max	-0.52	4.27	-0.67	1.41	1.20	0.09	4.3	1.9	0.09	5.44	0.97	**5.78**
2065	731	1247	sle	Min	0.52	-4.27	0.98	0.91	-0.75	-0.09	4.4	1.2	0.09	3.46	0.98	**3.93**
2065	731	1239	sle	Min	-0.68	0.82	-1.25	-0.36	0.97	0.01	1.5	1.0	0.11	3.03	0.34	**3.20**
2067	733	1239	s	Max	0.03	7.18	0.83	2.73	1.54	0.03	7.2	3.1	0.01	9.21	1.62	**9.63**
2067	733	1242	s	Max	0.12	192.09	1.08	-0.17	-0.06	0.18	192.1	0.2	0.02	0.52	43.07	**74.60**
2067	733	1239	s	Min	-0.12	-192.09	-0.08	-0.29	0.06	-0.35	192.1	0.3	0.02	0.88	43.07	**74.61**
2067	733	1242	s	Min	-0.03	-7.18	0.37	-1.66	-1.54	-0.01	7.2	2.3	0.01	6.65	1.61	**7.22**
2067	733	1239	sle	Max	0.05	-1.00	0.64	0.41	0.70	0.02	1.2	0.8	0.01	2.39	0.27	**2.44**

2067	733	1242	sle	Max	-0.04	31.29	0.28	-0.34	-0.45	0.17	31.3	0.6	0.01	1.66	7.02	**12.27**
2067	733	1239	sle	Min	0.04	-31.29	0.64	-0.01	0.45	-0.06	31.3	0.4	0.01	1.32	7.02	**12.23**
2067	733	1242	sle	Min	-0.05	1.00	0.28	-0.76	-0.70	0.06	1.0	1.0	0.01	3.04	0.23	**3.08**
2068	734	1245	s	Max	0.19	26.25	3.78	-0.07	0.26	0.41	26.5	0.3	0.03	0.80	5.95	**10.33**
2068	734	1239	s	Max	0.42	263.76	-0.44	-0.80	0.22	-0.03	263.8	0.8	0.07	2.42	59.14	**102.47**
2068	734	1245	s	Min	-0.42	-263.76	1.64	-1.28	-0.22	-0.43	263.8	1.3	0.07	3.82	59.14	**102.51**
2068	734	1239	s	Min	-0.19	-26.25	-2.86	-5.96	-0.26	-0.44	26.4	6.0	0.03	17.50	5.92	**20.31**
2068	734	1245	sle	Max	0.16	23.64	2.88	-1.52	-0.22	0.17	23.8	1.5	0.03	4.51	5.34	**10.30**
2068	734	1239	sle	Max	0.19	22.46	-1.20	-1.79	0.33	0.14	22.5	1.8	0.03	5.35	5.04	**10.26**
2068	734	1245	sle	Min	-0.19	-22.46	2.12	-1.74	-0.33	-0.32	22.6	1.8	0.03	5.20	5.06	**10.21**
2068	734	1239	sle	Min	-0.16	-23.64	-1.96	-3.10	0.22	-0.05	23.7	3.1	0.03	9.14	5.32	**12.99**
2075	739	1110	s	Max	77.99	-0.03	8.79	0.33	-3.81	-0.05	8.8	3.8	13.11	11.23	1.97	**24.59**
2075	739	1243	s	Max	-19.41	0.59	-2.33	0.07	-5.22	-0.06	2.4	5.2	3.26	15.31	0.54	**18.60**
2075	739	1110	s	Min	19.41	-0.59	4.45	-0.07	-7.38	-1.61	4.5	7.4	3.26	21.67	1.01	**25.00**
2075	739	1243	s	Min	-77.99	0.03	-6.67	-0.30	-11.71	-0.48	6.7	11.7	13.11	34.39	1.49	**47.58**
2075	739	1110	sle	Max	24.80	-0.06	5.60	0.00	-5.83	-0.10	5.6	5.8	4.17	17.10	1.26	**21.39**
2075	739	1243	sle	Max	10.85	0.28	-3.11	0.16	-8.43	-0.11	3.1	8.4	1.82	24.74	0.70	**26.60**
2075	739	1110	sle	Min	-10.85	-0.28	4.74	-0.13	-6.12	-0.77	4.7	6.1	1.82	17.97	1.06	**19.88**
2075	739	1243	sle	Min	-24.80	0.06	-3.97	0.01	-8.98	-0.21	4.0	9.0	4.17	26.36	0.89	**30.57**
2076	740	1243	s	Max	86.77	3.06	-4.99	0.18	11.71	3.71	5.9	11.7	14.59	34.38	1.31	**49.03**
2076	740	1239	s	Max	-23.44	-0.23	13.99	0.07	17.80	2.35	14.0	17.8	3.94	52.25	3.14	**56.46**
2076	740	1243	s	Min	23.44	0.23	-12.82	-0.09	5.22	0.19	12.8	5.2	3.94	15.32	2.88	**19.89**
2076	740	1239	s	Min	-86.77	-3.06	6.15	-0.28	7.74	0.25	6.9	7.7	14.59	22.75	1.54	**37.43**
2076	740	1243	sle	Max	25.66	0.56	-10.10	-0.02	8.98	0.85	10.1	9.0	4.32	26.36	2.27	**30.93**
2076	740	1239	sle	Max	1.71	-0.24	11.69	0.18	13.13	0.26	11.7	13.1	0.29	38.55	2.62	**39.10**
2076	740	1243	sle	Min	-1.71	0.24	-10.80	-0.20	8.43	0.20	10.8	8.4	0.29	24.75	2.42	**25.38**
2076	740	1239	sle	Min	-25.66	-0.56	10.99	0.01	12.85	0.24	11.0	12.8	4.32	37.72	2.47	**42.25**
2077	741	1239	s	Max	99.67	-0.41	20.06	0.09	-11.01	-0.41	20.1	11.0	16.76	32.33	4.50	**49.71**
2077	741	1240	s	Max	-28.37	3.05	-8.36	0.00	-2.03	-0.24	8.9	2.0	4.77	5.96	2.00	**11.27**
2077	741	1239	s	Min	28.37	-3.05	9.30	0.01	-25.66	-3.03	9.8	25.7	4.77	75.32	2.20	**80.18**
2077	741	1240	s	Min	-99.67	0.41	-19.11	-0.06	-4.25	-1.80	19.1	4.3	16.76	12.49	4.29	**30.18**
2077	741	1239	sle	Max	33.50	-0.54	14.65	0.04	-18.34	-0.55	14.7	18.3	5.63	53.83	3.29	**59.74**
2077	741	1240	sle	Max	-3.05	0.67	-13.85	-0.01	-3.78	-0.30	13.9	3.8	0.51	11.10	3.11	**12.80**

2077	741	1239	sle	Min	3.05	-0.67	14.58	0.02	-18.43	-0.73	14.6	18.4	0.51	54.11	3.27	**54.92**
2077	741	1240	sle	Min	-33.50	0.54	-13.93	-0.03	-4.06	-0.33	13.9	4.1	5.63	11.93	3.12	**18.38**
2078	742	1240	s	Max	87.45	-0.10	8.12	0.09	4.25	-0.05	8.1	4.3	14.71	12.49	1.82	**27.38**
2078	742	1176	s	Max	-29.15	1.16	-2.44	0.00	-7.27	-0.12	2.7	7.3	4.90	21.34	0.61	**26.26**
2078	742	1240	s	Min	29.15	-1.16	3.49	0.00	2.03	-0.69	3.7	2.0	4.90	5.96	0.82	**10.95**
2078	742	1176	s	Min	-87.45	0.10	-7.07	-0.07	-15.86	-1.35	7.1	15.9	14.71	46.58	1.59	**61.35**
2078	742	1240	sle	Max	36.70	-0.25	5.31	0.04	4.06	-0.17	5.3	4.1	6.17	11.93	1.19	**18.22**
2078	742	1176	sle	Max	-5.05	0.29	-4.44	-0.01	-11.67	-0.27	4.4	11.7	0.85	34.26	1.00	**35.15**
2078	742	1240	sle	Min	5.05	-0.29	5.25	0.01	3.78	-0.19	5.3	3.8	0.85	11.10	1.18	**12.12**
2078	742	1176	sle	Min	-36.70	0.25	-4.50	-0.03	-12.48	-0.32	4.5	12.5	6.17	36.64	1.01	**42.85**
2082	746	1241	s	Max	60.03	0.67	4.53	0.09	-0.28	1.40	4.6	0.3	10.10	0.88	1.03	**11.12**
2082	746	1173	s	Max	-6.85	0.28	-1.24	0.00	4.29	3.27	1.3	4.3	1.15	12.59	0.28	**13.75**
2082	746	1241	s	Min	6.85	-12.77	2.29	-0.02	-9.97	-2.53	13.0	10.0	1.15	29.28	2.91	**30.85**
2082	746	1173	s	Min	-60.03	-13.62	-3.47	-0.10	-2.58	-0.34	14.1	2.6	10.10	7.57	3.15	**18.49**
2082	746	1241	sle	Max	8.61	-0.35	3.07	0.08	-2.20	-0.29	3.1	2.2	1.45	6.46	0.69	**7.99**
2082	746	1173	sle	Max	25.13	0.35	-2.26	0.00	-1.10	2.05	2.3	1.1	4.23	3.24	0.51	**7.52**
2082	746	1241	sle	Min	-25.13	-9.25	3.07	0.01	-4.09	-2.84	9.7	4.1	4.23	12.02	2.18	**16.68**
2082	746	1173	sle	Min	-8.61	-8.35	-2.26	-0.07	-2.32	-0.32	8.6	2.3	1.45	6.80	1.94	**8.91**
2083	747	1242	s	Max	41.01	-0.10	0.13	2.05	24.06	-0.16	0.2	24.1	6.90	70.89	0.04	**77.78**
2083	747	1241	s	Max	24.63	5.65	22.70	-0.22	10.94	0.01	23.4	10.9	4.14	32.12	5.24	**37.39**
2083	747	1242	s	Min	-24.63	-17.04	-21.97	0.22	0.24	-8.22	27.8	0.3	4.14	0.96	6.23	**11.94**
2083	747	1241	s	Min	-41.01	-6.64	0.81	-2.00	0.35	-3.54	6.7	2.0	6.90	5.95	1.50	**13.11**
2083	747	1242	sle	Max	0.50	-0.03	-3.34	0.97	9.79	-0.11	3.3	9.8	0.08	28.88	0.75	**28.99**
2083	747	1241	sle	Max	39.59	0.03	9.75	-0.57	4.62	2.37	9.7	4.7	6.66	13.67	2.19	**20.68**
2083	747	1242	sle	Min	-39.59	-7.69	-9.02	0.57	3.53	-2.06	11.9	3.6	6.66	10.51	2.66	**17.77**
2083	747	1241	sle	Min	-0.50	-8.09	4.07	-0.97	2.32	0.07	9.1	2.5	0.08	7.37	2.03	**8.25**
2084	748	1244	s	Max	43.47	4.39	15.32	-0.17	0.16	3.53	15.9	0.2	7.31	0.70	3.57	**10.12**
2084	748	1248	s	Max	24.60	-0.18	0.47	0.33	-0.13	8.71	0.5	0.4	4.14	1.04	0.11	**5.18**
2084	748	1244	s	Min	-24.60	-11.94	0.69	-0.43	-8.50	-3.75	12.0	8.5	4.14	24.99	2.68	**29.50**
2084	748	1248	s	Min	-43.47	-17.07	-14.43	0.09	-21.23	0.21	22.3	21.2	7.31	62.33	5.01	**70.18**
2084	748	1244	sle	Max	0.55	0.21	5.61	-0.09	-0.90	0.16	5.6	0.9	0.09	2.65	1.26	**3.50**
2084	748	1248	sle	Max	41.18	-0.21	-1.42	0.24	-2.68	2.80	1.4	2.7	6.93	7.90	0.32	**14.84**
2084	748	1244	sle	Min	-41.18	-10.64	2.31	-0.20	-3.10	-4.67	10.9	3.1	6.93	9.12	2.44	**16.59**

2084	748	1248	sle	Min	-0.55	-8.70	-4.72	0.08	-8.52	0.25	9.9	8.5	0.09	25.02	2.22	**25.41**
2084	749	1248	s	Max	43.23	97.97	3.05	0.38	22.72	-0.10	98.0	22.7	7.27	66.71	21.98	**83.20**
2084	749	1242	s	Max	25.11	11.13	15.11	-0.05	-0.18	8.86	18.8	0.2	4.22	0.55	4.21	**8.71**
2084	749	1248	s	Min	-25.11	-11.13	-15.11	0.05	0.14	-7.52	18.8	0.2	4.22	0.44	4.21	**8.65**
2084	749	1242	s	Min	-43.23	-98.18	-3.04	-0.40	-22.52	-0.06	98.2	22.5	7.27	66.13	22.02	**82.72**
2084	749	1248	sle	Max	0.05	33.08	1.47	0.22	9.13	0.20	33.1	9.1	0.01	26.82	7.42	**29.75**
2084	749	1242	sle	Max	41.67	0.92	4.18	-0.22	-3.08	2.66	4.3	3.1	7.01	9.08	0.96	**16.17**
2084	749	1248	sle	Min	-41.67	-0.92	-4.17	0.21	3.06	-2.20	4.3	3.1	7.01	9.02	0.96	**16.11**
2084	749	1242	sle	Min	-0.05	-33.22	-1.47	-0.22	-9.09	-0.21	33.2	9.1	0.01	26.69	7.46	**29.65**
2085	750	1111	s	Max	53.52	-0.02	2.05	1.08	-0.83	0.23	2.0	1.4	9.00	4.01	0.46	**13.03**
2085	750	1244	s	Max	18.09	0.38	3.50	0.09	8.37	13.13	3.5	8.4	3.04	24.59	0.79	**27.67**
2085	750	1111	s	Min	-18.09	-26.94	-1.87	-0.08	-2.02	-14.28	27.0	2.0	3.04	5.93	6.05	**13.80**
2085	750	1244	s	Min	-53.52	-26.29	0.07	-1.04	-0.55	-1.53	26.3	1.2	9.00	3.47	5.89	**16.11**
2085	750	1111	sle	Max	4.97	-0.03	1.36	0.36	-1.53	-0.06	1.4	1.6	0.84	4.61	0.31	**5.47**
2085	750	1244	sle	Max	39.42	0.03	2.35	-0.04	2.63	9.71	2.3	2.6	6.63	7.72	0.53	**14.38**
2085	750	1111	sle	Min	-39.42	-17.74	-0.72	0.04	-2.00	-9.71	17.8	2.0	6.63	5.88	3.98	**14.28**
2085	750	1244	sle	Min	-4.97	-17.74	0.27	-0.36	0.60	-0.06	17.7	0.7	0.84	2.06	3.98	**7.47**

Si ottengono tensioni ideali massime pari a circa 120 MPa

Verifica ritto interno piedritto intermedio

TUBOLARI	A	J	W
508	m^2	m^4	m^3
12.5	0.0194582	0.0005976	0.0023526

N		M
kN		kNm
1130		240
σ n		σ m
MPa		MPa
58.073085		102.01588
	160.09	< 308 MPa

Verifica pendino

Con cavo di diametro pari a 30 mm e sforzo assiale max di circa 70 kN

σ n = 70 * 10 / 7.06 = 99 Mpa < 1100 MPa

Verifica arcarecci

Si utilizzano profili del tipo 80*h140*4 mm

Copertura pensilina : p1 = 0.30 kN/mq

Azione del vento : p2 = 1.60 kN/mq

In totale : p = 1.90 kN/mq

Con interasse massimo dei profili di cm 150 e luce di circa m 6.00.

Pa = 1.90 * 1.5 m * 1.5 = 4.275 kN/m

T = 4.275 * 6 / 2 = 12.83 kN

M = 4.275 * 6 * 6 / 8 = 19.24 kNm

Taglio __ T	kN	12.83	
Momento __ M	kNm	19.24	
Verifiche montanti			236.3636364

Caratteristiche geometriche tubo quadro da mm (140 * 80 * 4)

bt (mm)	bl (mm)	sp (mm)
140	80	4

Area	cm^2	16.96	13.3136
J t	cm^4	449.35	
W t	cm^3	64.19= W p	
J l	cm^4	186.76	
W l	cm^3	46.69= W p	
Area a taglio	cm^2	11.20 = A t	
Modulo di resistenza estremità anima	cm^3	64.19= W a	

VERIFICA TENSIONI

σ max = M / W p = MPa 299.681 < 355 MPa

σ anima = M / W a = MPa299.681

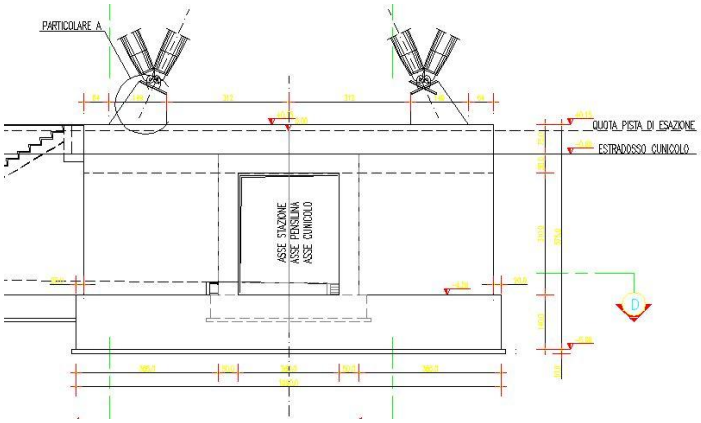
τ anima = T / A t = MPa 11.451

σ id = MPa 300.337 < 355 MPa

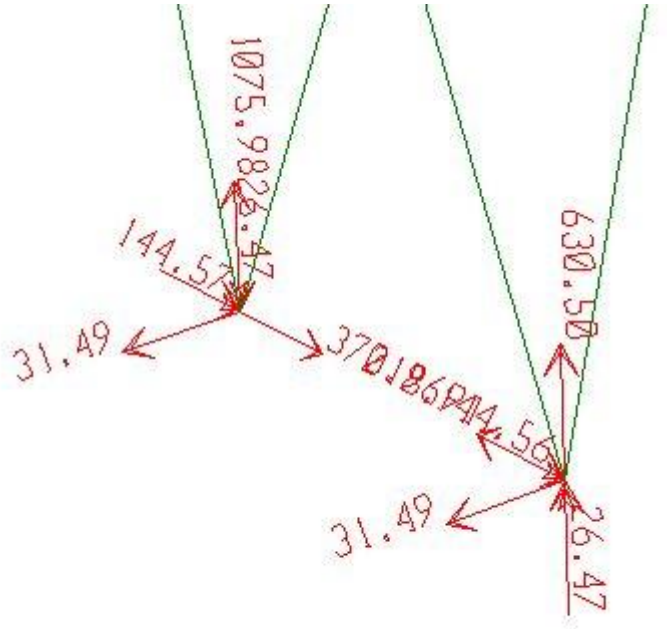
Per la condizione costruttiva dell'opera non si rilevano particolari situazioni di criticità negli elementi predisposti.

5.4 VERIFICA FONDAZIONI

Per le fondazioni intermedie si avrà :



Le reazioni allo SLE risultano :



Il carico verticale tramesso dai piedritti in acciaio è pari a :

N piedritti = (630 + 1070) kN = 1700 kN

T l = 2 * 39 kN = 80 kN

T t = 370 -218 = 152 kN

M l = 2 * 145 kNm = 290 kN

Per il manufatto con platea di fondazione di 10.90 * 5.55 :

Platea : 10.90 * 5.55 * 1.4 * 25 = 2120 kN

Sol. sup + rinterro : (10.90 * 5.55) * (0.90 * 25 + 0.8 * 19) = 2280 kN

Pareti : 2 * 10.90 * 3.10 * 1.2 * 25 = 2030 kN

In totale :

N = 1700 + 2120 + 2280 + 2030 = 8130 kN

M l = 290 + 80 * 6.5 = 810 kNm

M t = 152 * 6.5 = 1000 kNm

W t = 10.9 * 10.9 * 5.55 / 6 = 109.9 m^3

W l = 5.55 * 5.55 * 10.9 / 6 = 55.9 m^3

σ t = 8130 / (10.90 * 5.55) + 810 / 55.9 + 1000 / 109.9 = 158 kPa

Per quanto attiene alla caratterizzazione geotecnica del terreno, si assumeranno i seguenti valori :

γ (peso dell'unità di volume totale):	18.0 kN/m^3
Φ'_p (angolo di resistenza al taglio in condizioni di picco):	23°
c' (coesione):	0 kPa
E' (modulo di deformazione normale):	35 MPa
v (modulo di Poisson):	0.30

Formula generale di BRINCH - HANSEN

Peso specifico del terreno	γ	1.80	t/mc
Angolo di resistenza a taglio	ϕ'	0.4014	radianti
Coesione	c'	0.00	t/mq
Coesione non drenata	cu	0.00	t/mq
Larghezza fondazione	B	5.55	m
Sviluppo fondazione	L	10.90	m
Profondità del piano di posa	D	6.00	m
Inclinazione del piano di posa	η	0	radianti
Inclinazione del pendio	β	0	radianti
Componente verticale del carico	V	813.00	

Componente orizzontale del carico	H	100.00	
Eccentricità del carico rispetto alla base	e_B	0.00	
Eccentricità del carico rispetto allo sviluppo	e_l	0.00	
Adesione lungo la base della fondazione	ca	0.00	t/mq
Angolo di attrito terreno-fondazione	δ	0.174533	radianti
Pressione litostatica in corrispondenza del piano di posa	q	10.80	t/mq

Fattori di capacità portante

Kp	2.283
Nq	8.661
Nc	18.049
Nγ	4.878

Fattori di forma

Sq	1.216
Sc	1.244
Sγ	0.796

Fattori di profondità

k	0.824
dq	1.260
dc	1.330
dγ	1.000

Fattori di inclinazione del carico

B'	5.550
L'	10.900
Aeff	60.495
iq	0.728

ic	0.693
iγ	0.638

Fattori di inclinazione del piano di posa

bq	1.000
bc	1.000
bγ	1.000

Fattori di inclinazione del terreno

gq	1.000
gc	1.000
gγ	1.000

Carico limite ultimo

qult	116.70871	t/mq	11.67087	kg/cmq
qamm	38.902904	t/mq	**3.89029**	kg/cmq

Parametri del terreno

Formazione A	sabbioso-limoso			formazione;scrivere "***sabbioso-ghiaioso***" o "***sabbioso-limoso***"
γ	18	kN/m^3		peso di volume del terreno
Dr	0.5			densità relativa
ϕ'	23	(°)	0.401 (rad)	angolo di resistenza al taglio operativo
Nspt	**30**			numero di colpi/30 cm nelle prove SPT
Variazione Nspt	costante			andamento di N_{SPT} con la profondità;scrivere "***costante***" "***crescente***" o "***decrescente***"

Dimensioni geometriche (geometriche - meccaniche)

B_L	**5.55**	m	lato del plinto di fondazione
B_T	**10.90**	m	lato del plinto di fondazione
Bmax /Bmin	1.96		rapporto tra il lato maggiore e d il lato minore del plinto
A	60.50	m^2	area geometrica della fondazione
D	**6**	m	**affondamento intradosso fondazione rispetto a p.c.**

Azioni agenti sulla fondazione rilevanti
ai fini del calcolo cedimento con il metodo di Burland

Ntot	**8130**	kN	azione assiale totale agente sulla superficie imposta fondazione, comprensiva del peso del plinto e del peso del rinterro
q'	**134.39**	kPa	**pressione efficace esercitata sul terreno dalla fondazione**
σ_{vmax}	**108**	kPa	pressione efficace verticale massima subita dal terreno in passato alla quota di imposta della fondazione
q'/σ_{vmax}	1.244	>	1	rapporto tra pressione verticale max esercitata dal plinto e la pressione verticale max subita dal terreno in passato; se tale rapporto è > di 1 vale la formula riportata qui sotto.

Espressione utilizzata per valutare il cedimento

$$s_{tf} = f_s \cdot f_h \cdot f_t \cdot \left[\sigma'_{v\max} \cdot B^{0.7} \cdot \frac{I_c}{3} + \left(q - \sigma'_{v\max}\right) \cdot B^{0.7} \cdot I_c \right]$$

Calcolo dei coefficienti f_s, f_h, f_t

1-coefficiente di forma

$$f_s = \left(\frac{1.25 \cdot \frac{L}{B}}{\frac{L}{B} + 0.25} \right)^2$$

f_S	**1.230**	coefficiente di forma

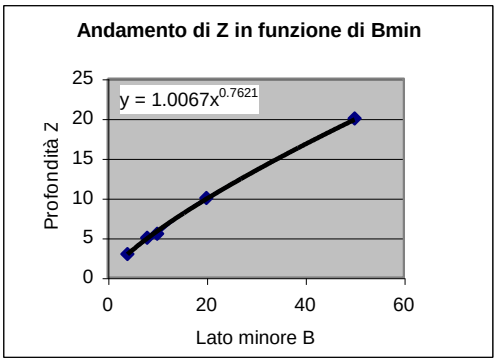
2-coefficiente f_h

$$f_h = \frac{H}{Z_I} \cdot \left(2 - \frac{H}{Z_I} \right)$$

Andamento della funzione che lega lo spessore Z$_I$ al lato minore del plinto

Punti dedotti dalla curva di figura **2.4** della *Relazione geotecnica generale - pt. II*

B_{min} (m)	Z_I (m)
4	2.95
8	5
10	5.5
20	10
50	20



Curva interpolante

$$Z = 1.006 \cdot B^{0.762}$$

B (m)	Z_I (m)
4	2.896
8	4.911
10	5.822
20	9.873
50	19.849

Z_I	4.70	m	spessore della zona compressibile;è valutato con la precedente espressione interpolare se N_{SPT} è ***costante*** o ***crescente*** con la profondità,è pari a 2B se N_{SPT} è ***decrescente***.
H	100	m	profondità (<Z_I) valutata dal piano di imposta della fondazione di un eventuale strato compressibile;*se il terreno è omogeneo scrivere* ***100***
f_h	**1.000**		coefficiente che tiene conto della presenza di uno strato incompressibile posto alla profondità H < Z_I dal piano di imposta della fondazione

3-coefficiente di "creep"

$$f_t = \left[1 + R_3 + R \cdot \log\left(\frac{t}{3}\right)\right]$$

	carichi statici	*carichi ciclici*	
R_3	*0.3*	*0.7*	costante numerica
R	*0.2*	*0.8*	costante numerica
t (anni)	50	50	tempo a partire dall'applicazione del carico in anni (>3)
f_t	**1.544**	**2.677**	coefficiente che consente di valutare i cedimenti differiti nel tempo
R_{ft}	**1.734**		rapporto tra il cedimento valutato per i carichi ciclici e quello valutato per i carichi statici

coefficiente

$$I_C = (1.1 - 2.5) \cdot N^{-1.4}$$

N_{SPT0}	50	valore di N_{SPT} alla quota di imposta della fondazione
N_{SPT1}	50	valore di N_{SPT} alla quota z=Z_I valutata dalla quota di imposta della fondazione
$N_{SPTmedio}$	50	valore di N_{SPT} medio valutato lungo lo spessore della zona compressibile
N	32.5	valore di N_{SPT} corretto in funzione del tipo di deposito
I_C	**0.019**	indice di compressibilità

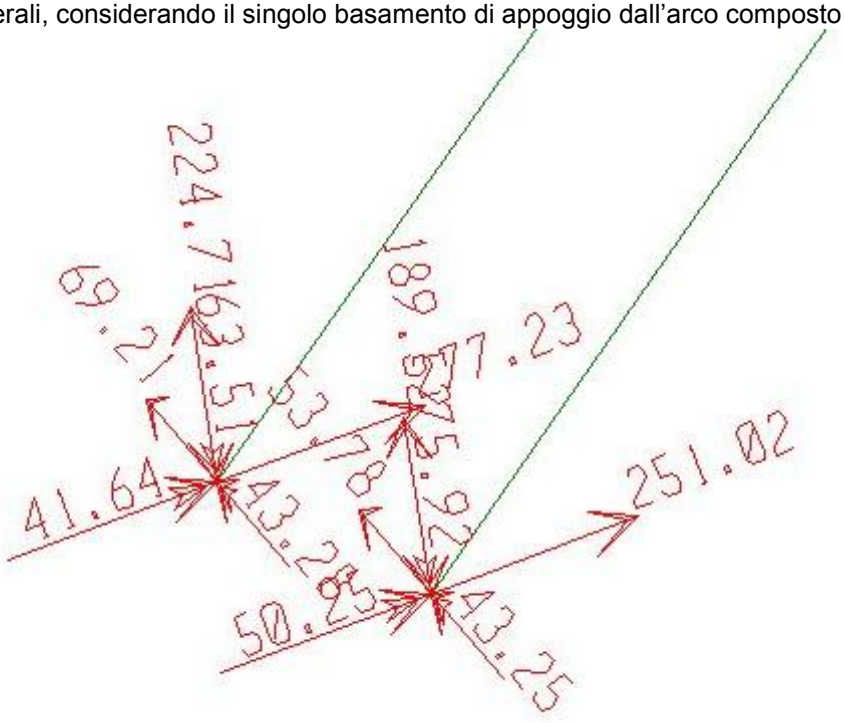
Cedimento

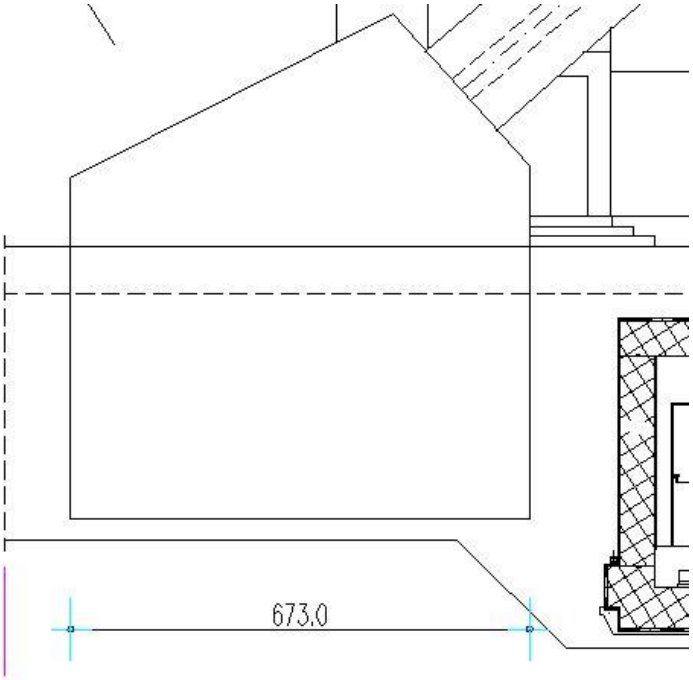
	carichi statici	*carichi ciclici*		
S_{tf}	**7.52**	**13.03**	mm	cedimento al tempo t

La rigidezza assiale verticale può essere posta pari a :

k v = 1700 / 0.005 = 340000 kN/m

Per le fondazioni laterali, considerando il singolo basamento di appoggio dall'arco composto da due tubolari :





Il carico verticale tramesso dal singolo arco realizzato mediante accoppiamento di due profili a sezione cava, diviene :

N arco = (230 + 190) kN = 420 kN

T l = 252 + 278 kN = 530 kN

T t = 54 + 69 = 123 kN

M l = 44 + 69 kNm = 113 kN

M t = 50 + 42 kNm = 92 kN

Per il manufatto con platea di fondazione di 4.20 * 6.70 :

Platea : 4.2 * 6.7 * 6 * 25 = 4220 kN

In totale : 420 + 4220 = 4640 kN

M l = 530 * 6 - 113 = 3067 kNm

M t = 123 * 6 + 92 = 830 kNm

W l = 6.7 * 6.7 * 4.2 / 6 = 31.42 m^3

W t = 4.2 * 4.2 * 6.7 / 6 = 19.7 m^3

σ t = 4640 / (4.2 * 6.7) + 3067 / 31.42 + 830 / 19.7 = 305 kPa

Per quanto attiene alla caratterizzazione geotecnica del terreno, si assumeranno i seguenti valori :

γ (peso dell'unità di volume totale):	18.0 kN/m^3
Φ'_p (angolo di resistenza al taglio in condizioni di picco):	23°
c' (coesione):	0 kPa
E' (modulo di deformazione normale):	35 MPa
v (modulo di Poisson):	0.30

Formula generale di BRINCH - HANSEN

Peso specifico del terreno	γ	1.80
Angolo di resistenza a taglio	ϕ'	0.4014
Coesione	c'	0.00
Coesione non drenata	cu	0.00
Larghezza fondazione	B	4.20
Sviluppo fondazione	L	6.70
Profondità del piano di posa	D	6.00
Inclinazione del piano di posa	η	0

Inclinazione del pendio	β	0
Componente verticale del carico	V	464.00
Componente orizzontale del carico	H	53.00
Eccentricità del carico rispetto alla base	e_B	0.00
Eccentricità del carico rispetto allo sviluppo	e_l	0.00
Adesione lungo la base della fondazione	ca	0.00
Angolo di attrito terreno-fondazione	δ	0.174533
Pressione litostatica in corrispondenza del piano di posa	q	10.80
Carico inclinato	P	467.02
Angolo tra il carico e l'orizzontale	ϕ	1.457065

Fattori di capacità portante

Kp	2.283
Nq	8.661
Nc	18.049
Nγ	4.825

Fattori di forma

Sq	1.120
Sc	1.239
Sγ	1.120

Fattori di profondità

dq	5.120
dc	1.824

d_γ	5.120

Fattori di inclinazione del carico

iq	0.973
ic	0.973
i_γ	3.975

Carico limite ultimo

qult	684.2576	t/mq	68.42576	kg/cmq
qamm	228.0859	t/mq	22.80859	kg/cmq

Parametri del terreno

Formazione A	sabbioso-limoso			formazione;scrivere "***sabbioso-ghiaioso***" o "***sabbioso-limoso***"
γ	18	kN/m^3		peso di volume del terreno
Dr	0.5			densità relativa
ϕ'	23	(°)	0.401 (rad)	angolo di resistenza al taglio operativo
Nspt	**30**			numero di colpi/30 cm nelle prove SPT
Variazione Nspt	costante			andamento di N_{SPT} con la profondità;scrivere "***costante***" "***crescente***" o "***decrescente***"

Dimensioni geometriche (geometriche - meccaniche)

B_L	**4.20**	m	lato del plinto di fondazione
B_T	**6.70**	m	lato del plinto di fondazione
Bmax /Bmin	1.60		rapporto tra il lato maggiore e d il lato minore del plinto
A	28.14	m^2	area geometrica della fondazione
D	**6**	m	**affondamento intradosso fondazione rispetto a p.c.**

Azioni agenti sulla fondazione rilevanti
ai fini del calcolo cedimento con il metodo di Burland

Ntot	**4640**	kN	azione assiale totale agente sulla superficie imposta fondazione, comprensiva del peso del plinto e del peso del rinterro
q'	**164.89**	kPa	**pressione efficace esercitata sul terreno dalla fondazione**
σ_{vmax}	**108**	kPa	pressione efficace verticale massima subita dal terreno in passato alla quota di imposta della fondazione
q'/σ_{vmax}	1.527	>	1	rapporto tra pressione verticale max esercitata dal plinto e la pressione verticale max subita dal terreno in passato; se tale rapporto è > di 1 vale la formula riportata qui sotto.

Espressione utilizzata per valutare il cedimento

$$s_{tf} = f_s \cdot f_h \cdot f_t \cdot \left[\sigma'_{v\max} \cdot B^{0.7} \cdot \frac{I_c}{3} + \left(q - \sigma'_{v\max}\right) \cdot B^{0.7} \cdot I_c \right]$$

Calcolo dei coefficienti f_s, f_h, f_t

1-coefficiente di forma

$$f_s = \left(\frac{1.25 \cdot \frac{L}{B}}{\frac{L}{B} + 0.25} \right)^2$$

f_S	**1.168**	coefficiente di forma

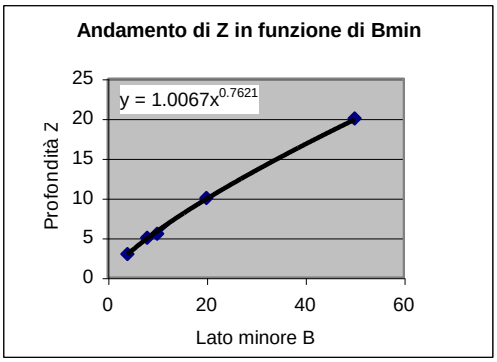
2-coefficiente f_h

$$f_h = \frac{H}{Z_I} \cdot \left(2 - \frac{H}{Z_I} \right)$$

Andamento della funzione che lega lo spessore Z$_I$ al lato minore del plinto

Punti dedotti dalla curva di figura **2.4** della *Relazione geotecnica generale - pt. II*

B_{min} (m)	Z_I (m)
4	2.95
8	5
10	5.5
20	10
50	20



Curva interpolante

$$Z = 1.006 \cdot B^{0.762}$$

B (m)	Z_I (m)
4	2.896
8	4.911
10	5.822
20	9.873
50	19.849

Z_I	3.99	m	spessore della zona compressibile;è valutato con la precedente espressione interpolare se N_{SPT} è ***costante*** o ***crescente*** con la profondità,è pari a 2B se N_{SPT} è ***decrescente***.
H	100	m	profondità (<Z_I) valutata dal piano di imposta della fondazione di un eventuale strato compressibile;*se il terreno è omogeneo scrivere* ***100***
f_h	**1.000**		coefficiente che tiene conto della presenza di uno strato incompressibile posto alla profondità H < Z_I dal piano di imposta della fondazione

3-coefficiente di "creep"

$$f_t = \left[1 + R_3 + R \cdot \log\left(\frac{t}{3}\right)\right]$$

	carichi statici	*carichi ciclici*	
R_3	*0.3*	*0.7*	costante numerica
R	*0.2*	*0.8*	costante numerica
t (anni)	50	50	tempo a partire dall'applicazione del carico in anni (>3)
f_t	**1.544**	**2.677**	coefficiente che consente di valutare i cedimenti differiti nel tempo
R_{ft}	**1.734**		rapporto tra il cedimento valutato per i carichi ciclici e quello valutato per i carichi statici

coefficiente

$$I_C = (1.1 - 2.5) \cdot N^{-1.4}$$

N_{SPT0}	50	valore di N_{SPT} alla quota di imposta della fondazione
N_{SPT1}	50	valore di N_{SPT} alla quota z=Z_I valutata dalla quota di imposta della fondazione
$N_{SPTmedio}$	50	valore di N_{SPT} medio valutato lungo lo spessore della zona compressibile
N	32.5	valore di N_{SPT} corretto in funzione del tipo di deposito
I_C	**0.019**	indice di compressibilità

Cedimento

	carichi statici	*carichi ciclici*		
S_{tf}	**8.74**	**15.16**	mm	cedimento al tempo t

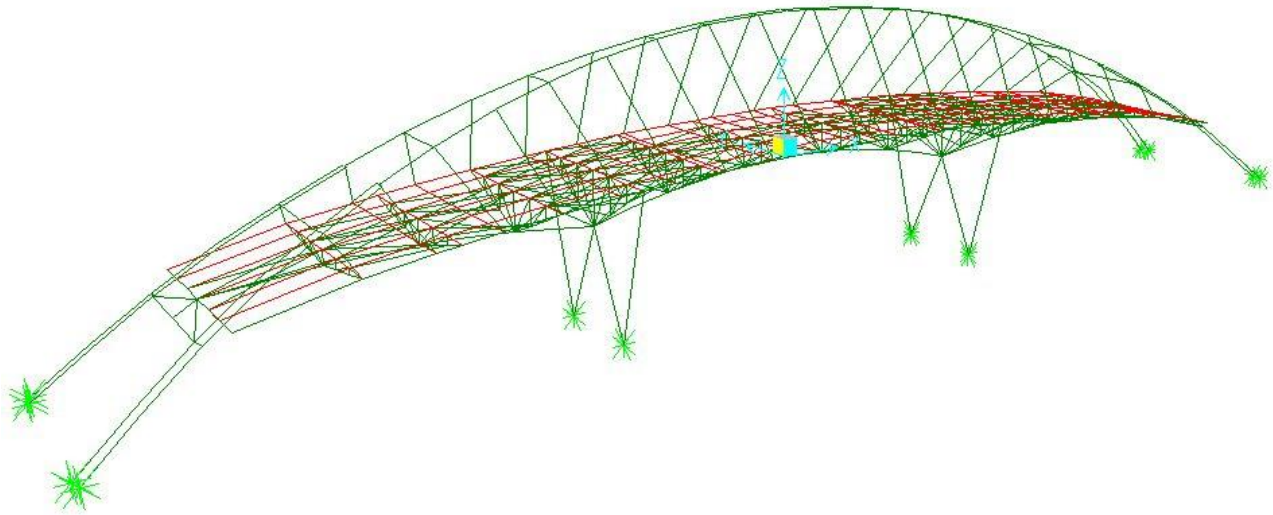
La rigidezza assiale verticale può essere posta pari a :

k v = 420 / 0.005 = 84000 kN/m

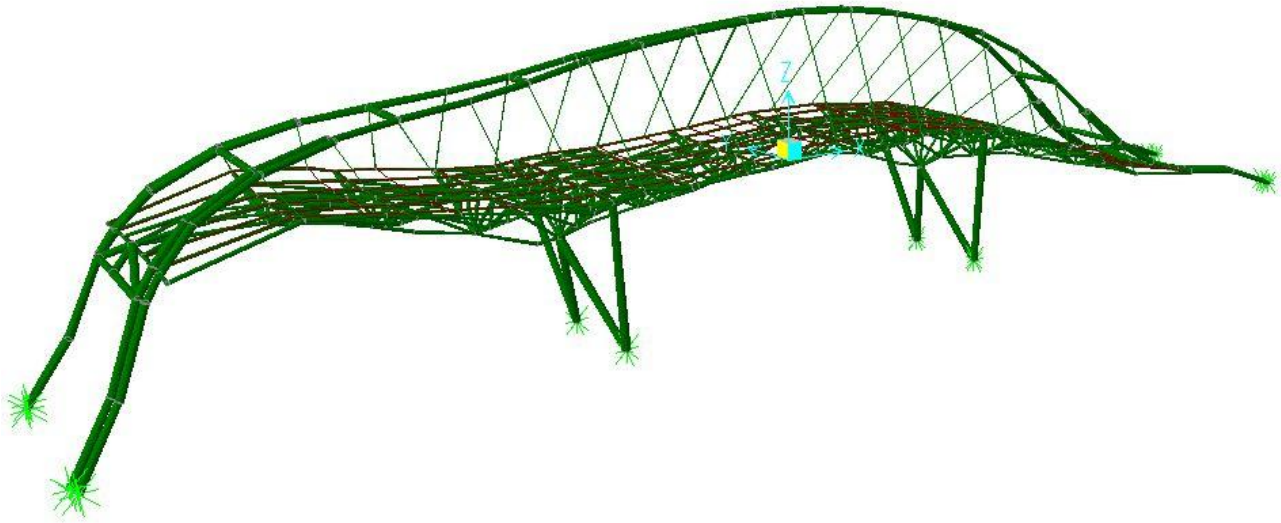
5.5 RICALCO STRUTTURA CON VINCOLI CEDEVOLI E VERIFICA DEL II ORDINE

Si assume come struttura di riferimento il modello analizzato in precedenza.

Per tenere in conto della cedevolezza degli appoggi si introducono costanti elastiche con rigidezza assiale di 42000 kN/m per vincoli di estremità e di 340000 kN/m per i vincoli intermedi.
La struttura esaminata diviene :



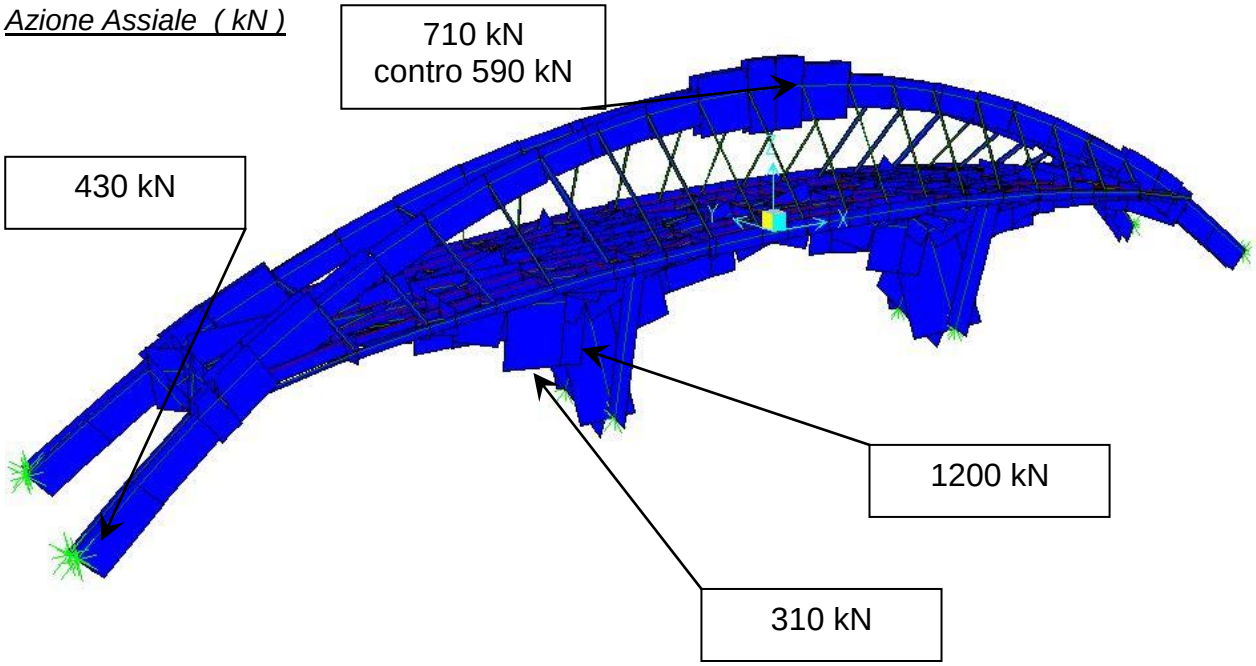
Nei riguardi poi dell'azione del vento in direzione Y (trasversale) si analizzano gli effetti del II ordine sulle sollecitazioni principali.
Per il comportamento sismico si ottiene :



Primo modo di vibrare (0.5635 s contro 0.5609 s)

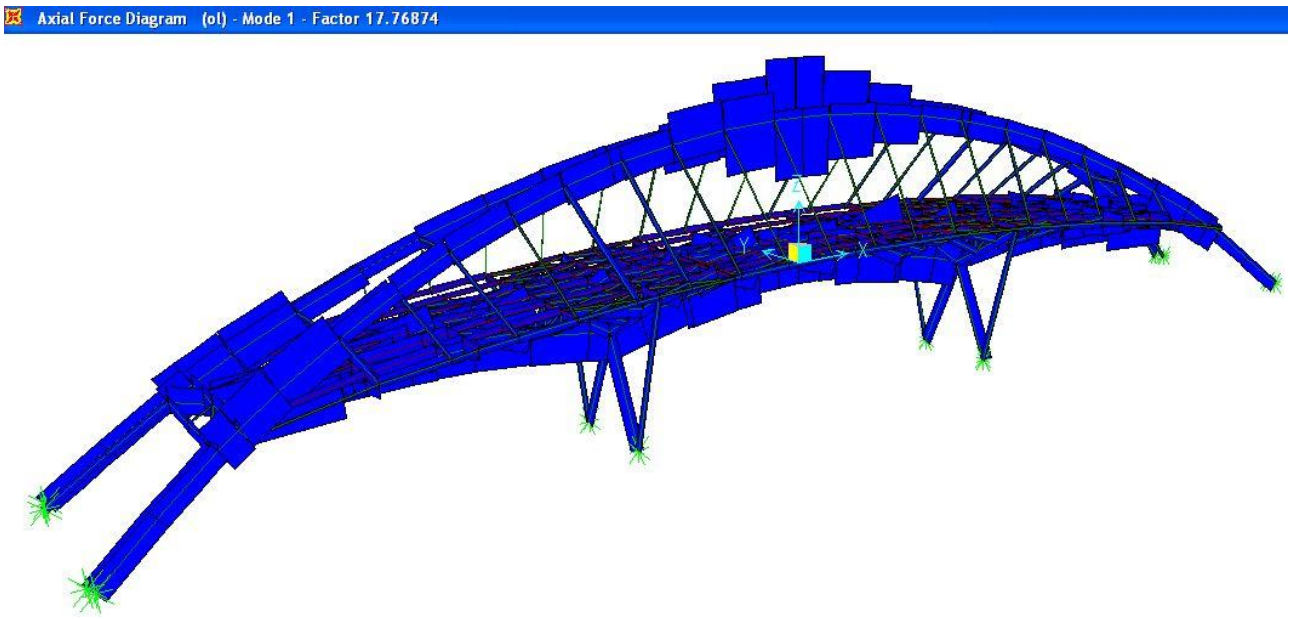
CONDIZIONE SISMICA

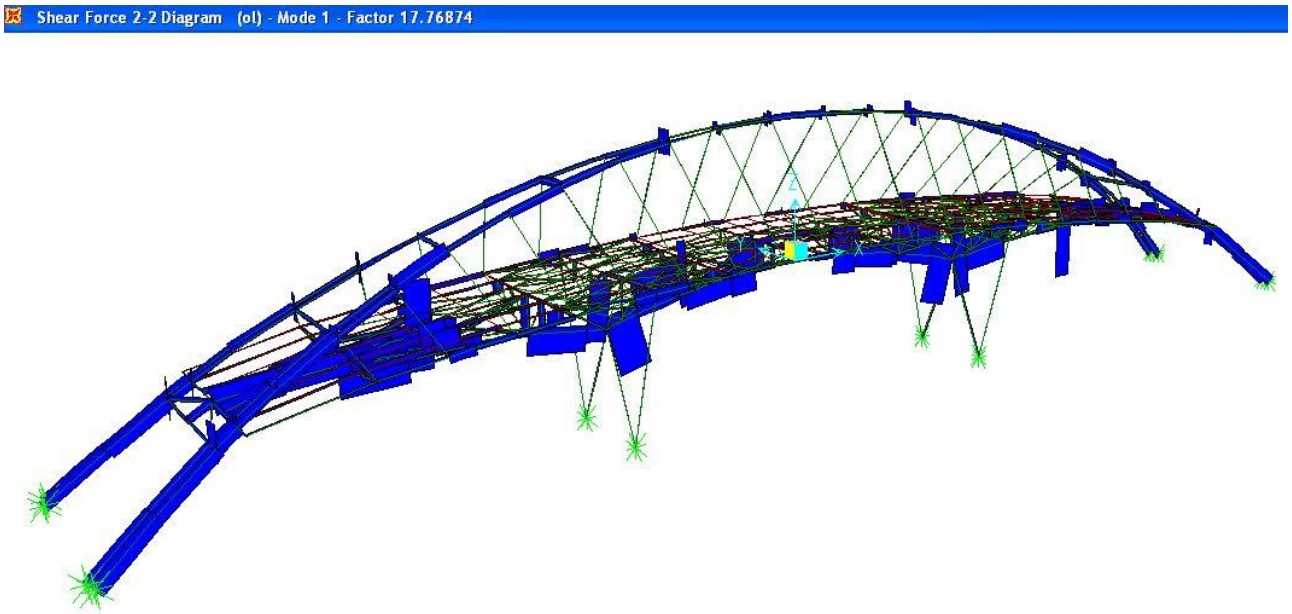
Azione Assiale (kN)

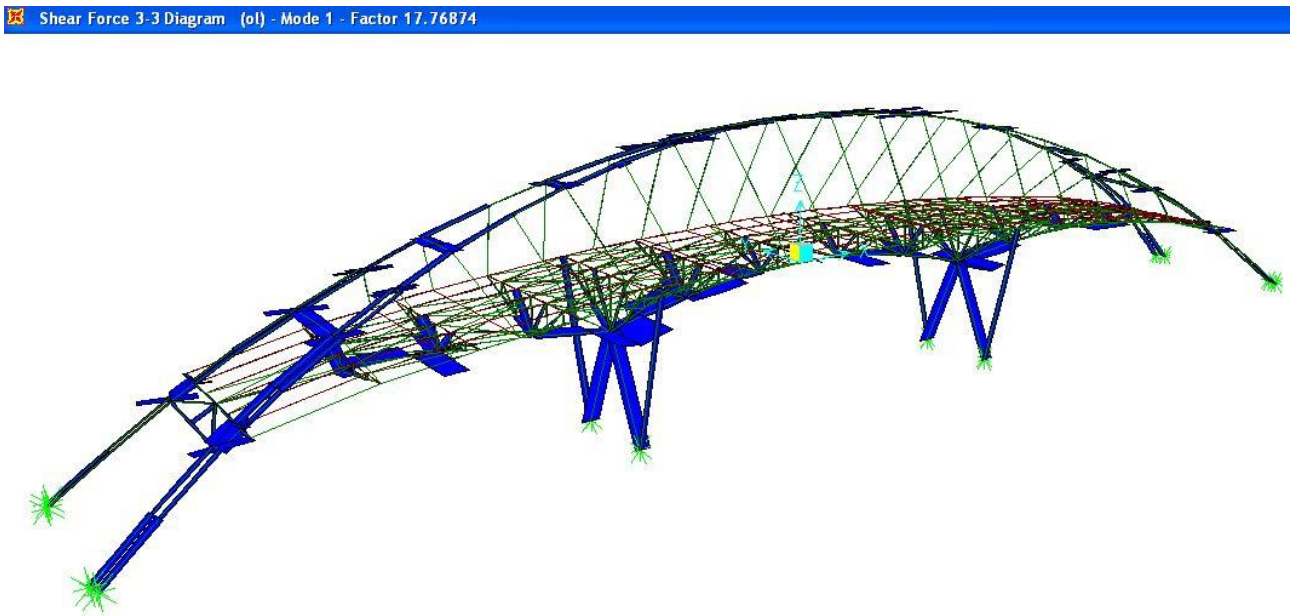


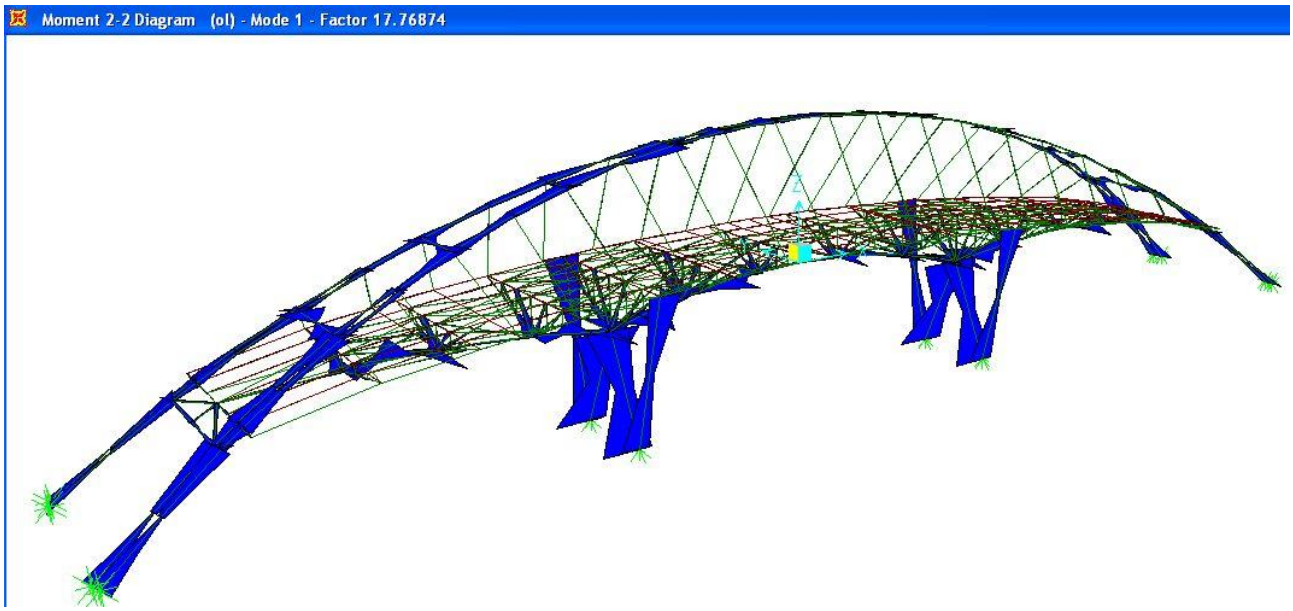
L'incremento di azioni risulta compatibile conle sezioni previste in fase di progetto definitivo.

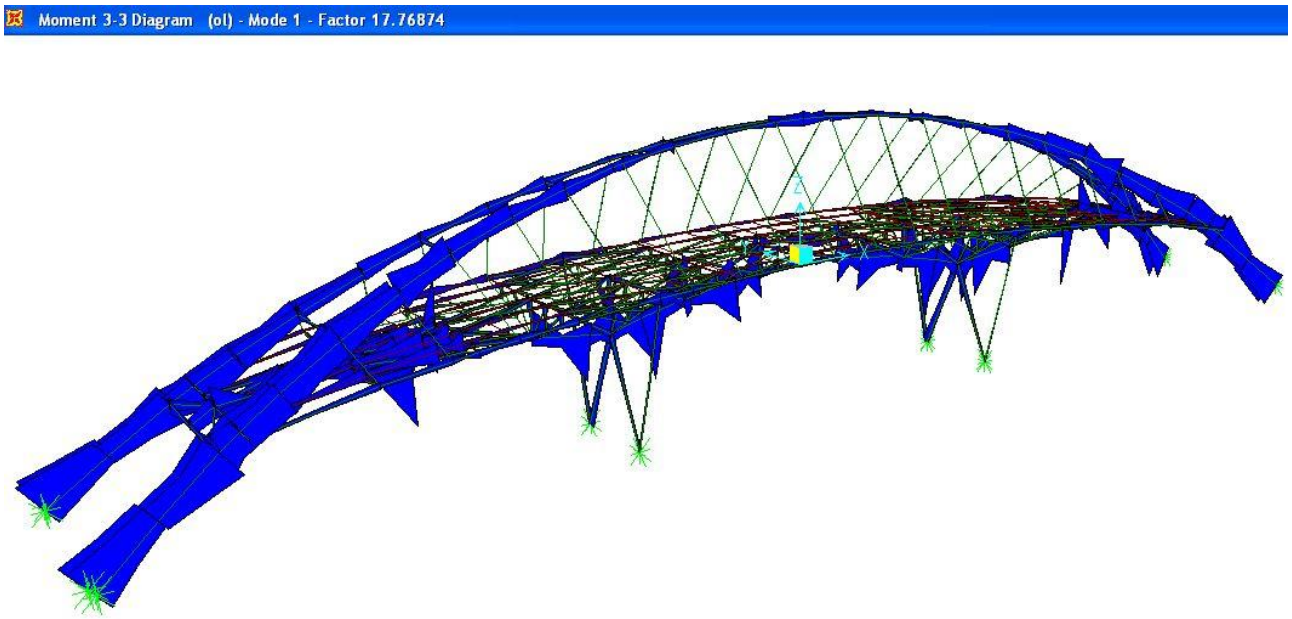
Le azioni per gli effetti del II Ordine risultano essere :




Shear Force 2-2 Diagram (ol) - Mode 1 - Factor 17.76874


Shear Force 3-3 Diagram (ol) - Mode 1 - Factor 17.76874





Considerando la sezione di incastro dell'arco, le azioni risultano essere :

N = 11 kN
M2 = 23 kNm
M3 = 18 kNm

Le tensioni nel profilo tubolare diviene:

Frame	FrameElem	Joint	Output Case	StepType	F1	F2	F3	M1	M2	M3	F	M	σn	σm	τ	σid
Text	Text	Text	Text	Text	KN	KN	KN	KN-m	KN-m	KN-m	KN	KN-m	MPa	MPa	MPa	MPa

Tubolari ϕ 406.4/16 mm

A= 0.0196 m^2

W= 0.0018 m^3

1736	420	1137	s	Max	335.3	90.7	262.4	82.7	370.8	105.1	277.7	379.9	17.09	206.11	18.87	**225.58**
			INSTABILITA'		11.0	9.0	8.5	7.0	23.0	18.0						
					346.3	99.7	270.9	89.7	393.8	123.1	288.7	403.8	17.65	219.12	19.62	**239.20**

Dove terminano i due profili tubolari accoppiati, si ha :

N = 10 kN
M2 = 22 kNm
M3 = 19 kNm

Le tensioni nel profilo tubolare diviene:

Frame	FrameElem	Joint	Output Case	StepType	F1	F2	F3	M1	M2	M3	F	M	σn	σm	τ	σid
Text	Text	Text	Text	Text	KN	KN	KN	KN-m	KN-m	KN-m	KN	KN-m	MPa	MPa	MPa	MPa

Tubolari ϕ 406.4/16

mm

A= 0.0196 m^2

W= 0.0018 m^3

1823	501	1143	s	Max	271.1	31.6	128.9	28.5	117.0	80.1	132.7	120.4	13.81	65.34	9.02	**80.68**
			INSTABILITA'		10.0	8.0	8.5	7.0	22.0	19.0						
					281.1	39.6	137.4	35.5	139.0	99.1	143.0	143.5	14.32	77.84	9.72	**93.69**

Nella sezione in chiave dell'arco :

N = 42 kN
M2 = 20 kNm
M3 = 17 kNm

Le tensioni nel profilo tubolare diviene:

Frame	FrameElem	Joint	Output Case	StepType	F1	F2	F3	M1	M2	M3	F	M	σn	σm	τ	σid
Text	Text	Text	Text	Text	KN	KN	KN	KN-m	KN-m	KN-m	KN	KN-m	MPa	MPa	MPa	MPa

Tubolari ϕ 406.4/9 mm

A= 0.0112 m^2 0.0112

W= 0.0011 m^3 0.0011

2095	761	1251	s	Max	476.4	16.5	35.1	9.8	13.2	16.9	38.8	16.4	42.40	15.03	4.60	**57.98**
			INSTABILITA'		42.0	7.0	7.5	6.0	20.0	17.0						
					518.4	23.5	42.6	15.8	33.2	33.9	48.6	36.7	46.13	33.64	5.77	**80.40**

6 TABULATI DI CALCOLO

```
File C:\sdM\penX.$2k was saved on 11/29/10 at 17.25.52

TABLE:  "ACTIVE DEGREES OF FREEDOM"
   UX=Yes   UY=Yes   UZ=Yes   RX=Yes   RY=Yes   RZ=Yes

TABLE:  "ANALYSIS CASE DEFINITIONS"
   Case=DEAD   Type=LinStatic   InitialCond=Zero
   Case=x   Type=LinRespSpec   ModalCase=modal
   Case=modal   Type=LinModal   InitialCond=Zero
   Case=y   Type=LinRespSpec   ModalCase=modal
   Case=neve   Type=LinStatic   InitialCond=Zero
   Case=vex   Type=LinStatic   InitialCond=Zero
   Case=sp   Type=LinStatic   InitialCond=Zero
   Case=z   Type=LinRespSpec   ModalCase=modal
   Case=vey   Type=LinStatic   InitialCond=Zero
   Case=term   Type=LinStatic   InitialCond=Zero
   Case=ol   Type=LinBuckling   InitialCond=Zero

TABLE:  "AREA LOADS - UNIFORM"
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   Area=254   LoadCase=neve   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.6
   Area=254   LoadCase=sp   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.3
   Area=254   LoadCase=vey   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=-0.8
```

```
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Area=262   LoadCase=neve   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.6
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Area=265   LoadCase=neve   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.6
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Area=265   LoadCase=vey   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=-0.8
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Area=266   LoadCase=neve   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.6
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Area=267   LoadCase=sp   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.3
Area=267   LoadCase=vey   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=-0.8
Area=267   LoadCase=vex   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
Area=268   LoadCase=neve   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.6
Area=268   LoadCase=sp   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.3
Area=268   LoadCase=vey   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=-0.8
Area=268   LoadCase=vex   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
Area=269   LoadCase=neve   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.6
Area=269   LoadCase=sp   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.3
Area=269   LoadCase=vey   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=-0.8
Area=269   LoadCase=vex   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
Area=270   LoadCase=neve   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.6
Area=270   LoadCase=sp   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.3
Area=270   LoadCase=vey   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=-0.8
Area=270   LoadCase=vex   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
Area=271   LoadCase=neve   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.6
```

```
Area=271   LoadCase=sp   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.3
Area=271   LoadCase=vey   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=-0.8
Area=271   LoadCase=vex   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
Area=272   LoadCase=neve   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.6
Area=272   LoadCase=sp   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.3
Area=272   LoadCase=vey   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=-0.8
Area=272   LoadCase=vex   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
Area=273   LoadCase=neve   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.6
Area=273   LoadCase=sp   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.3
Area=273   LoadCase=vey   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=-0.8
Area=273   LoadCase=vex   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
Area=274   LoadCase=neve   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.6
Area=274   LoadCase=sp   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.3
Area=274   LoadCase=vey   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=-0.8
Area=274   LoadCase=vex   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
Area=275   LoadCase=neve   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.6
Area=275   LoadCase=sp   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.3
Area=275   LoadCase=vey   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=-0.8
Area=275   LoadCase=vex   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
Area=276   LoadCase=neve   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.6
Area=276   LoadCase=sp   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.3
Area=276   LoadCase=vey   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=-0.8
Area=276   LoadCase=vex   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
Area=277   LoadCase=neve   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.6
Area=277   LoadCase=sp   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.3
Area=277   LoadCase=vey   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=-0.8
Area=277   LoadCase=vex   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
Area=278   LoadCase=neve   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.6
Area=278   LoadCase=sp   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.3
Area=278   LoadCase=vey   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=-0.8
Area=278   LoadCase=vex   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
Area=279   LoadCase=neve   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.6
Area=279   LoadCase=sp   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.3
Area=279   LoadCase=vey   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=-0.8
Area=279   LoadCase=vex   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
Area=280   LoadCase=neve   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.6
Area=280   LoadCase=sp   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.3
Area=280   LoadCase=vey   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=-0.8
Area=280   LoadCase=vex   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
Area=281   LoadCase=neve   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.6
Area=281   LoadCase=sp   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.3
Area=281   LoadCase=vey   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=-0.8
Area=281   LoadCase=vex   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
Area=282   LoadCase=neve   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.6
Area=282   LoadCase=sp   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.3
Area=282   LoadCase=vey   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=-0.8
Area=282   LoadCase=vex   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
Area=283   LoadCase=neve   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.6
Area=283   LoadCase=sp   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.3
Area=283   LoadCase=vey   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=-0.8
Area=283   LoadCase=vex   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
Area=284   LoadCase=neve   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.6
Area=284   LoadCase=sp   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.3
Area=284   LoadCase=vey   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=-0.8
Area=284   LoadCase=vex   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
Area=285   LoadCase=neve   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.6
Area=285   LoadCase=sp   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.3
Area=285   LoadCase=vey   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=-0.8
Area=285   LoadCase=vex   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
Area=286   LoadCase=neve   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.6
Area=286   LoadCase=sp   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.3
Area=286   LoadCase=vey   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=-0.8
Area=286   LoadCase=vex   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
Area=287   LoadCase=neve   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.6
Area=287   LoadCase=sp   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.3
Area=287   LoadCase=vey   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=-0.8
```

```
Area=287   LoadCase=vex   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
Area=288   LoadCase=neve   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.6
Area=288   LoadCase=sp   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.3
Area=288   LoadCase=vey   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=-0.8
Area=288   LoadCase=vex   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
Area=289   LoadCase=neve   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.6
Area=289   LoadCase=sp   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.3
Area=289   LoadCase=vey   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=-0.8
Area=289   LoadCase=vex   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
Area=290   LoadCase=neve   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.6
Area=290   LoadCase=sp   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.3
Area=290   LoadCase=vey   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=-0.8
Area=290   LoadCase=vex   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
Area=291   LoadCase=neve   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.6
Area=291   LoadCase=sp   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.3
Area=291   LoadCase=vey   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=-0.8
Area=291   LoadCase=vex   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
Area=292   LoadCase=neve   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.6
Area=292   LoadCase=sp   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.3
Area=292   LoadCase=vey   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=-0.8
Area=292   LoadCase=vex   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
Area=293   LoadCase=neve   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.6
Area=293   LoadCase=sp   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.3
Area=293   LoadCase=vey   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=-0.8
Area=293   LoadCase=vex   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
Area=294   LoadCase=neve   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.6
Area=294   LoadCase=sp   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.3
Area=294   LoadCase=vey   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=-0.8
Area=294   LoadCase=vex   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
Area=295   LoadCase=neve   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.6
Area=295   LoadCase=sp   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.3
Area=295   LoadCase=vey   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=-0.8
Area=295   LoadCase=vex   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
Area=296   LoadCase=neve   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.6
Area=296   LoadCase=sp   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.3
Area=296   LoadCase=vey   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=-0.8
Area=296   LoadCase=vex   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
Area=297   LoadCase=neve   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.6
Area=297   LoadCase=sp   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.3
Area=297   LoadCase=vey   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=-0.8
Area=297   LoadCase=vex   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
Area=298   LoadCase=neve   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.6
Area=298   LoadCase=sp   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.3
Area=298   LoadCase=vey   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=-0.8
Area=298   LoadCase=vex   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
Area=299   LoadCase=neve   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.6
Area=299   LoadCase=sp   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.3
Area=299   LoadCase=vey   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=-0.8
Area=299   LoadCase=vex   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
Area=300   LoadCase=neve   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.6
Area=300   LoadCase=sp   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.3
Area=300   LoadCase=vey   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=-0.8
Area=300   LoadCase=vex   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
Area=301   LoadCase=neve   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.6
Area=301   LoadCase=sp   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.3
Area=301   LoadCase=vey   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=-0.8
Area=301   LoadCase=vex   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
Area=302   LoadCase=neve   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.6
Area=302   LoadCase=sp   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.3
Area=302   LoadCase=vey   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=-0.8
Area=302   LoadCase=vex   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
Area=303   LoadCase=neve   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.6
Area=303   LoadCase=sp   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.3
Area=303   LoadCase=vey   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=-0.8
Area=303   LoadCase=vex   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
Area=304   LoadCase=neve   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.6
```

```
Area=304   LoadCase=sp   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.3
Area=304   LoadCase=vey   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=-0.8
Area=304   LoadCase=vex   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
Area=305   LoadCase=neve   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.6
Area=305   LoadCase=sp   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.3
Area=305   LoadCase=vey   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=-0.8
Area=305   LoadCase=vex   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
Area=306   LoadCase=neve   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.6
Area=306   LoadCase=sp   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.3
Area=306   LoadCase=vey   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=-0.8
Area=306   LoadCase=vex   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
Area=307   LoadCase=neve   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.6
Area=307   LoadCase=sp   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.3
Area=307   LoadCase=vey   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=-0.8
Area=307   LoadCase=vex   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
Area=308   LoadCase=neve   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.6
Area=308   LoadCase=sp   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.3
Area=308   LoadCase=vey   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=-0.8
Area=308   LoadCase=vex   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
Area=309   LoadCase=neve   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.6
Area=309   LoadCase=sp   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.3
Area=309   LoadCase=vey   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=-0.8
Area=309   LoadCase=vex   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
Area=310   LoadCase=neve   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.6
Area=310   LoadCase=sp   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.3
Area=310   LoadCase=vey   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=-0.8
Area=310   LoadCase=vex   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
Area=311   LoadCase=neve   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.6
Area=311   LoadCase=sp   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.3
Area=311   LoadCase=vey   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=-0.8
Area=311   LoadCase=vex   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
Area=312   LoadCase=neve   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.6
Area=312   LoadCase=sp   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.3
Area=312   LoadCase=vey   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=-0.8
Area=312   LoadCase=vex   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
Area=313   LoadCase=neve   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.6
Area=313   LoadCase=sp   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.3
Area=313   LoadCase=vey   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=-0.8
Area=313   LoadCase=vex   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
Area=314   LoadCase=neve   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.6
Area=314   LoadCase=sp   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.3
Area=314   LoadCase=vey   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=-0.8
Area=314   LoadCase=vex   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
Area=315   LoadCase=neve   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.6
Area=315   LoadCase=sp   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.3
Area=315   LoadCase=vey   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=-0.8
Area=315   LoadCase=vex   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
Area=316   LoadCase=neve   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.6
Area=316   LoadCase=sp   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.3
Area=316   LoadCase=vey   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=-0.8
Area=316   LoadCase=vex   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
Area=317   LoadCase=neve   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.6
Area=317   LoadCase=sp   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.3
Area=317   LoadCase=vey   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=-0.8
Area=317   LoadCase=vex   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
Area=318   LoadCase=neve   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.6
Area=318   LoadCase=sp   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.3
Area=318   LoadCase=vey   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=-0.8
Area=318   LoadCase=vex   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
Area=319   LoadCase=neve   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.6
Area=319   LoadCase=sp   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.3
Area=319   LoadCase=vey   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=-0.8
Area=319   LoadCase=vex   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
Area=320   LoadCase=neve   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.6
Area=320   LoadCase=sp   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.3
Area=320   LoadCase=vey   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=-0.8
```

```
Area=320   LoadCase=vex   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
Area=321   LoadCase=neve   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.6
Area=321   LoadCase=sp   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.3
Area=321   LoadCase=vey   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=-0.8
Area=321   LoadCase=vex   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
Area=322   LoadCase=neve   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.6
Area=322   LoadCase=sp   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.3
Area=322   LoadCase=vey   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=-0.8
Area=322   LoadCase=vex   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
Area=323   LoadCase=neve   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.6
Area=323   LoadCase=sp   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.3
Area=323   LoadCase=vey   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=-0.8
Area=323   LoadCase=vex   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
Area=324   LoadCase=neve   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.6
Area=324   LoadCase=sp   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.3
Area=324   LoadCase=vey   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=-0.8
Area=324   LoadCase=vex   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
Area=325   LoadCase=neve   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.6
Area=325   LoadCase=sp   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.3
Area=325   LoadCase=vey   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=-0.8
Area=325   LoadCase=vex   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
Area=326   LoadCase=neve   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.6
Area=326   LoadCase=sp   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.3
Area=326   LoadCase=vey   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=-0.8
Area=326   LoadCase=vex   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
Area=327   LoadCase=neve   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.6
Area=327   LoadCase=sp   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.3
Area=327   LoadCase=vey   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=-0.8
Area=327   LoadCase=vex   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
Area=328   LoadCase=neve   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.6
Area=328   LoadCase=sp   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.3
Area=328   LoadCase=vey   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=-0.8
Area=328   LoadCase=vex   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
Area=329   LoadCase=neve   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.6
Area=329   LoadCase=sp   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.3
Area=329   LoadCase=vey   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=-0.8
Area=329   LoadCase=vex   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
Area=330   LoadCase=neve   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.6
Area=330   LoadCase=sp   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.3
Area=330   LoadCase=vey   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=-0.8
Area=330   LoadCase=vex   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
Area=331   LoadCase=neve   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.6
Area=331   LoadCase=sp   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.3
Area=331   LoadCase=vey   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=-0.8
Area=331   LoadCase=vex   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
Area=332   LoadCase=neve   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.6
Area=332   LoadCase=sp   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.3
Area=332   LoadCase=vey   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=-0.8
Area=332   LoadCase=vex   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
Area=333   LoadCase=neve   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.6
Area=333   LoadCase=sp   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.3
Area=333   LoadCase=vey   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=-0.8
Area=333   LoadCase=vex   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
Area=334   LoadCase=neve   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.6
Area=334   LoadCase=sp   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.3
Area=334   LoadCase=vey   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=-0.8
Area=334   LoadCase=vex   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
Area=335   LoadCase=neve   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.6
Area=335   LoadCase=sp   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.3
Area=335   LoadCase=vey   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=-0.8
Area=335   LoadCase=vex   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
Area=336   LoadCase=neve   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.6
Area=336   LoadCase=sp   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.3
Area=336   LoadCase=vey   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=-0.8
Area=336   LoadCase=vex   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
Area=337   LoadCase=neve   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.6
```

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Area=337   LoadCase=sp   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.3
Area=337   LoadCase=vey   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
Area=337   LoadCase=vex   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
Area=338   LoadCase=neve   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.6
Area=338   LoadCase=sp   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.3
Area=338   LoadCase=vey   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
Area=338   LoadCase=vex   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
Area=339   LoadCase=neve   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.6
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Area=339   LoadCase=vey   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
Area=339   LoadCase=vex   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
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Area=340   LoadCase=vex   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
Area=341   LoadCase=neve   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.6
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Area=341   LoadCase=vex   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
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Area=342   LoadCase=vey   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
Area=342   LoadCase=vex   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
Area=343   LoadCase=neve   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.6
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Area=343   LoadCase=vey   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
Area=343   LoadCase=vex   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
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Area=344   LoadCase=vex   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
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Area=345   LoadCase=vex   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
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Area=348   LoadCase=vey   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
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Area=349   LoadCase=neve   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.6
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Area=349   LoadCase=vey   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
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Area=350   LoadCase=neve   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.6
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Area=350   LoadCase=vey   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
Area=350   LoadCase=vex   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
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Area=351   LoadCase=vey   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
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Area=352   LoadCase=neve   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.6
Area=352   LoadCase=sp   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.3
Area=352   LoadCase=vey   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
Area=352   LoadCase=vex   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
Area=353   LoadCase=neve   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.6
Area=353   LoadCase=sp   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.3
Area=353   LoadCase=vey   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
```

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Area=353   LoadCase=vex   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
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Area=354   LoadCase=sp   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.3
Area=354   LoadCase=vey   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
Area=354   LoadCase=vex   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
Area=355   LoadCase=neve   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.6
Area=355   LoadCase=sp   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.3
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Area=355   LoadCase=vex   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
Area=356   LoadCase=neve   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.6
Area=356   LoadCase=sp   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.3
Area=356   LoadCase=vey   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
Area=356   LoadCase=vex   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
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Area=357   LoadCase=sp   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.3
Area=357   LoadCase=vey   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
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Area=358   LoadCase=sp   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.3
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Area=358   LoadCase=vex   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
Area=359   LoadCase=neve   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.6
Area=359   LoadCase=sp   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.3
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Area=359   LoadCase=vex   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
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Area=360   LoadCase=sp   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.3
Area=360   LoadCase=vey   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
Area=360   LoadCase=vex   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
Area=361   LoadCase=neve   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.6
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Area=361   LoadCase=vey   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
Area=361   LoadCase=vex   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
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Area=363   LoadCase=vex   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
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Area=364   LoadCase=vey   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
Area=364   LoadCase=vex   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
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Area=365   LoadCase=vey   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
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Area=366   LoadCase=vey   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
Area=366   LoadCase=vex   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
Area=367   LoadCase=neve   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.6
Area=367   LoadCase=sp   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.3
Area=367   LoadCase=vey   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
Area=367   LoadCase=vex   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
Area=368   LoadCase=neve   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.6
Area=368   LoadCase=sp   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.3
Area=368   LoadCase=vey   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
Area=368   LoadCase=vex   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
Area=369   LoadCase=neve   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.6
Area=369   LoadCase=sp   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.3
Area=369   LoadCase=vey   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
Area=369   LoadCase=vex   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
Area=370   LoadCase=neve   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.6
```

```
Area=370   LoadCase=sp   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.3
Area=370   LoadCase=vey   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
Area=370   LoadCase=vex   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
Area=371   LoadCase=neve   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.6
Area=371   LoadCase=sp   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.3
Area=371   LoadCase=vey   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
Area=371   LoadCase=vex   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
Area=372   LoadCase=neve   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.6
Area=372   LoadCase=sp   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.3
Area=372   LoadCase=vey   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
Area=372   LoadCase=vex   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
Area=373   LoadCase=neve   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.6
Area=373   LoadCase=sp   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.3
Area=373   LoadCase=vey   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
Area=373   LoadCase=vex   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
Area=374   LoadCase=neve   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.6
Area=374   LoadCase=sp   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.3
Area=374   LoadCase=vey   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
Area=374   LoadCase=vex   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
Area=375   LoadCase=neve   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.6
Area=375   LoadCase=sp   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.3
Area=375   LoadCase=vey   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
Area=375   LoadCase=vex   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
Area=376   LoadCase=neve   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.6
Area=376   LoadCase=sp   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.3
Area=376   LoadCase=vey   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
Area=376   LoadCase=vex   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
Area=377   LoadCase=neve   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.6
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Area=377   LoadCase=vey   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
Area=377   LoadCase=vex   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
Area=378   LoadCase=neve   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.6
Area=378   LoadCase=sp   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.3
Area=378   LoadCase=vey   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
Area=378   LoadCase=vex   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
Area=379   LoadCase=neve   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.6
Area=379   LoadCase=sp   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.3
Area=379   LoadCase=vey   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
Area=379   LoadCase=vex   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
Area=380   LoadCase=neve   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.6
Area=380   LoadCase=sp   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.3
Area=380   LoadCase=vey   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
Area=380   LoadCase=vex   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
Area=381   LoadCase=neve   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.6
Area=381   LoadCase=sp   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.3
Area=381   LoadCase=vey   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
Area=381   LoadCase=vex   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
Area=382   LoadCase=neve   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.6
Area=382   LoadCase=sp   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.3
Area=382   LoadCase=vey   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
Area=382   LoadCase=vex   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
Area=383   LoadCase=neve   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.6
Area=383   LoadCase=sp   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.3
Area=383   LoadCase=vey   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
Area=383   LoadCase=vex   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
Area=384   LoadCase=neve   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.6
Area=384   LoadCase=sp   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.3
Area=384   LoadCase=vey   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
Area=384   LoadCase=vex   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
Area=385   LoadCase=neve   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.6
Area=385   LoadCase=sp   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.3
Area=385   LoadCase=vey   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
Area=385   LoadCase=vex   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
Area=386   LoadCase=neve   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.6
Area=386   LoadCase=sp   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.3
Area=386   LoadCase=vey   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
```

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Area=387   LoadCase=sp   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.3
Area=387   LoadCase=vey   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
Area=387   LoadCase=vex   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
Area=388   LoadCase=neve   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.6
Area=388   LoadCase=sp   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.3
Area=388   LoadCase=vey   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
Area=388   LoadCase=vex   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
Area=389   LoadCase=neve   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.6
Area=389   LoadCase=sp   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.3
Area=389   LoadCase=vey   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
Area=389   LoadCase=vex   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
Area=390   LoadCase=neve   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.6
Area=390   LoadCase=sp   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.3
Area=390   LoadCase=vey   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
Area=390   LoadCase=vex   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
Area=391   LoadCase=neve   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.6
Area=391   LoadCase=sp   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.3
Area=391   LoadCase=vey   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
Area=391   LoadCase=vex   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
Area=392   LoadCase=neve   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.6
Area=392   LoadCase=sp   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.3
Area=392   LoadCase=vey   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
Area=392   LoadCase=vex   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
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Area=393   LoadCase=sp   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.3
Area=393   LoadCase=vey   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
Area=393   LoadCase=vex   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
Area=394   LoadCase=neve   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.6
Area=394   LoadCase=sp   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.3
Area=394   LoadCase=vey   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
Area=394   LoadCase=vex   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
Area=395   LoadCase=neve   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.6
Area=395   LoadCase=sp   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.3
Area=395   LoadCase=vey   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
Area=395   LoadCase=vex   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
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Area=396   LoadCase=sp   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.3
Area=396   LoadCase=vey   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
Area=396   LoadCase=vex   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
Area=397   LoadCase=neve   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.6
Area=397   LoadCase=sp   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.3
Area=397   LoadCase=vey   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
Area=397   LoadCase=vex   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
Area=398   LoadCase=neve   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.6
Area=398   LoadCase=sp   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.3
Area=398   LoadCase=vey   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
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Area=399   LoadCase=sp   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.3
Area=399   LoadCase=vey   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
Area=399   LoadCase=vex   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
Area=400   LoadCase=neve   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.6
Area=400   LoadCase=sp   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.3
Area=400   LoadCase=vey   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
Area=400   LoadCase=vex   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
Area=401   LoadCase=neve   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.6
Area=401   LoadCase=sp   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.3
Area=401   LoadCase=vey   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
Area=401   LoadCase=vex   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
Area=402   LoadCase=neve   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.6
Area=402   LoadCase=sp   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.3
Area=402   LoadCase=vey   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
Area=402   LoadCase=vex   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
Area=403   LoadCase=neve   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.6
```

```
Area=403   LoadCase=sp   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.3
Area=403   LoadCase=vey   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
Area=403   LoadCase=vex   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
Area=404   LoadCase=neve   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.6
Area=404   LoadCase=sp   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.3
Area=404   LoadCase=vey   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
Area=404   LoadCase=vex   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
Area=405   LoadCase=neve   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.6
Area=405   LoadCase=sp   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.3
Area=405   LoadCase=vey   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
Area=405   LoadCase=vex   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
Area=406   LoadCase=neve   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.6
Area=406   LoadCase=sp   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.3
Area=406   LoadCase=vey   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
Area=406   LoadCase=vex   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
Area=407   LoadCase=neve   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.6
Area=407   LoadCase=sp   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.3
Area=407   LoadCase=vey   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
Area=407   LoadCase=vex   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
Area=408   LoadCase=neve   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.6
Area=408   LoadCase=sp   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.3
Area=408   LoadCase=vey   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
Area=408   LoadCase=vex   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
Area=409   LoadCase=neve   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.6
Area=409   LoadCase=sp   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.3
Area=409   LoadCase=vey   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
Area=409   LoadCase=vex   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
Area=410   LoadCase=neve   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.6
Area=410   LoadCase=sp   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.3
Area=410   LoadCase=vey   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
Area=410   LoadCase=vex   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
Area=411   LoadCase=neve   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.6
Area=411   LoadCase=sp   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.3
Area=411   LoadCase=vey   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
Area=411   LoadCase=vex   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
Area=412   LoadCase=neve   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.6
Area=412   LoadCase=sp   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.3
Area=412   LoadCase=vey   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
Area=412   LoadCase=vex   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
Area=413   LoadCase=neve   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.6
Area=413   LoadCase=sp   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.3
Area=413   LoadCase=vey   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
Area=413   LoadCase=vex   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
Area=414   LoadCase=neve   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.6
Area=414   LoadCase=sp   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.3
Area=414   LoadCase=vey   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
Area=414   LoadCase=vex   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
Area=415   LoadCase=neve   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.6
Area=415   LoadCase=sp   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.3
Area=415   LoadCase=vey   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
Area=415   LoadCase=vex   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
Area=416   LoadCase=neve   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.6
Area=416   LoadCase=sp   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.3
Area=416   LoadCase=vey   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
Area=416   LoadCase=vex   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
Area=417   LoadCase=neve   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.6
Area=417   LoadCase=sp   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.3
Area=417   LoadCase=vey   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
Area=417   LoadCase=vex   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
Area=418   LoadCase=neve   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.6
Area=418   LoadCase=sp   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.3
Area=418   LoadCase=vey   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
Area=418   LoadCase=vex   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
Area=419   LoadCase=neve   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.6
Area=419   LoadCase=sp   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.3
Area=419   LoadCase=vey   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
```

```
   Area=419   LoadCase=vex   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
   Area=420   LoadCase=neve   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.6
   Area=420   LoadCase=sp   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=0.3
   Area=420   LoadCase=vey   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6
   Area=420   LoadCase=vex   CoordSys=GLOBAL   Dir=Gravity   UnifLoad=1.6

TABLE:  "AREA SECTION ASSIGNMENTS"
   Area=253   Section=fo   MatProp=Default   ThickOver=None   OffsetOver=None
   Area=254   Section=fo   MatProp=Default   ThickOver=None   OffsetOver=None
   Area=255   Section=fo   MatProp=Default   ThickOver=None   OffsetOver=None
   Area=256   Section=fo   MatProp=Default   ThickOver=None   OffsetOver=None
   Area=257   Section=fo   MatProp=Default   ThickOver=None   OffsetOver=None
   Area=258   Section=fo   MatProp=Default   ThickOver=None   OffsetOver=None
   Area=259   Section=fo   MatProp=Default   ThickOver=None   OffsetOver=None
   Area=260   Section=fo   MatProp=Default   ThickOver=None   OffsetOver=None
   Area=261   Section=fo   MatProp=Default   ThickOver=None   OffsetOver=None
   Area=262   Section=fo   MatProp=Default   ThickOver=None   OffsetOver=None
   Area=263   Section=fo   MatProp=Default   ThickOver=None   OffsetOver=None
   Area=264   Section=fo   MatProp=Default   ThickOver=None   OffsetOver=None
   Area=265   Section=fo   MatProp=Default   ThickOver=None   OffsetOver=None
   Area=266   Section=fo   MatProp=Default   ThickOver=None   OffsetOver=None
   Area=267   Section=fo   MatProp=Default   ThickOver=None   OffsetOver=None
   Area=268   Section=fo   MatProp=Default   ThickOver=None   OffsetOver=None
   Area=269   Section=fo   MatProp=Default   ThickOver=None   OffsetOver=None
   Area=270   Section=fo   MatProp=Default   ThickOver=None   OffsetOver=None
   Area=271   Section=fo   MatProp=Default   ThickOver=None   OffsetOver=None
   Area=272   Section=fo   MatProp=Default   ThickOver=None   OffsetOver=None
   Area=273   Section=fo   MatProp=Default   ThickOver=None   OffsetOver=None
   Area=274   Section=fo   MatProp=Default   ThickOver=None   OffsetOver=None
   Area=275   Section=fo   MatProp=Default   ThickOver=None   OffsetOver=None
   Area=276   Section=fo   MatProp=Default   ThickOver=None   OffsetOver=None
   Area=277   Section=fo   MatProp=Default   ThickOver=None   OffsetOver=None
   Area=278   Section=fo   MatProp=Default   ThickOver=None   OffsetOver=None
   Area=279   Section=fo   MatProp=Default   ThickOver=None   OffsetOver=None
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   Area=281   Section=fo   MatProp=Default   ThickOver=None   OffsetOver=None
   Area=282   Section=fo   MatProp=Default   ThickOver=None   OffsetOver=None
   Area=283   Section=fo   MatProp=Default   ThickOver=None   OffsetOver=None
   Area=284   Section=fo   MatProp=Default   ThickOver=None   OffsetOver=None
   Area=285   Section=fo   MatProp=Default   ThickOver=None   OffsetOver=None
   Area=286   Section=fo   MatProp=Default   ThickOver=None   OffsetOver=None
   Area=287   Section=fo   MatProp=Default   ThickOver=None   OffsetOver=None
   Area=288   Section=fo   MatProp=Default   ThickOver=None   OffsetOver=None
   Area=289   Section=fo   MatProp=Default   ThickOver=None   OffsetOver=None
   Area=290   Section=fo   MatProp=Default   ThickOver=None   OffsetOver=None
   Area=291   Section=fo   MatProp=Default   ThickOver=None   OffsetOver=None
   Area=292   Section=fo   MatProp=Default   ThickOver=None   OffsetOver=None
   Area=293   Section=fo   MatProp=Default   ThickOver=None   OffsetOver=None
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   Area=295   Section=fo   MatProp=Default   ThickOver=None   OffsetOver=None
   Area=296   Section=fo   MatProp=Default   ThickOver=None   OffsetOver=None
   Area=297   Section=fo   MatProp=Default   ThickOver=None   OffsetOver=None
   Area=298   Section=fo   MatProp=Default   ThickOver=None   OffsetOver=None
   Area=299   Section=fo   MatProp=Default   ThickOver=None   OffsetOver=None
   Area=300   Section=fo   MatProp=Default   ThickOver=None   OffsetOver=None
   Area=301   Section=fo   MatProp=Default   ThickOver=None   OffsetOver=None
   Area=302   Section=fo   MatProp=Default   ThickOver=None   OffsetOver=None
   Area=303   Section=fo   MatProp=Default   ThickOver=None   OffsetOver=None
   Area=304   Section=fo   MatProp=Default   ThickOver=None   OffsetOver=None
   Area=305   Section=fo   MatProp=Default   ThickOver=None   OffsetOver=None
   Area=306   Section=fo   MatProp=Default   ThickOver=None   OffsetOver=None
   Area=307   Section=fo   MatProp=Default   ThickOver=None   OffsetOver=None
   Area=308   Section=fo   MatProp=Default   ThickOver=None   OffsetOver=None
   Area=309   Section=fo   MatProp=Default   ThickOver=None   OffsetOver=None
   Area=310   Section=fo   MatProp=Default   ThickOver=None   OffsetOver=None
   Area=311   Section=fo   MatProp=Default   ThickOver=None   OffsetOver=None
```

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Area=312   Section=fo   MatProp=Default   ThickOver=None   OffsetOver=None
Area=313   Section=fo   MatProp=Default   ThickOver=None   OffsetOver=None
Area=314   Section=fo   MatProp=Default   ThickOver=None   OffsetOver=None
Area=315   Section=fo   MatProp=Default   ThickOver=None   OffsetOver=None
Area=316   Section=fo   MatProp=Default   ThickOver=None   OffsetOver=None
Area=317   Section=fo   MatProp=Default   ThickOver=None   OffsetOver=None
Area=318   Section=fo   MatProp=Default   ThickOver=None   OffsetOver=None
Area=319   Section=fo   MatProp=Default   ThickOver=None   OffsetOver=None
Area=320   Section=fo   MatProp=Default   ThickOver=None   OffsetOver=None
Area=321   Section=fo   MatProp=Default   ThickOver=None   OffsetOver=None
Area=322   Section=fo   MatProp=Default   ThickOver=None   OffsetOver=None
Area=323   Section=fo   MatProp=Default   ThickOver=None   OffsetOver=None
Area=324   Section=fo   MatProp=Default   ThickOver=None   OffsetOver=None
Area=325   Section=fo   MatProp=Default   ThickOver=None   OffsetOver=None
Area=326   Section=fo   MatProp=Default   ThickOver=None   OffsetOver=None
Area=327   Section=fo   MatProp=Default   ThickOver=None   OffsetOver=None
Area=328   Section=fo   MatProp=Default   ThickOver=None   OffsetOver=None
Area=329   Section=fo   MatProp=Default   ThickOver=None   OffsetOver=None
Area=330   Section=fo   MatProp=Default   ThickOver=None   OffsetOver=None
Area=331   Section=fo   MatProp=Default   ThickOver=None   OffsetOver=None
Area=332   Section=fo   MatProp=Default   ThickOver=None   OffsetOver=None
Area=333   Section=fo   MatProp=Default   ThickOver=None   OffsetOver=None
Area=334   Section=fo   MatProp=Default   ThickOver=None   OffsetOver=None
Area=335   Section=fo   MatProp=Default   ThickOver=None   OffsetOver=None
Area=336   Section=fo   MatProp=Default   ThickOver=None   OffsetOver=None
Area=337   Section=fo   MatProp=Default   ThickOver=None   OffsetOver=None
Area=338   Section=fo   MatProp=Default   ThickOver=None   OffsetOver=None
Area=339   Section=fo   MatProp=Default   ThickOver=None   OffsetOver=None
Area=340   Section=fo   MatProp=Default   ThickOver=None   OffsetOver=None
Area=341   Section=fo   MatProp=Default   ThickOver=None   OffsetOver=None
Area=342   Section=fo   MatProp=Default   ThickOver=None   OffsetOver=None
Area=343   Section=fo   MatProp=Default   ThickOver=None   OffsetOver=None
Area=344   Section=fo   MatProp=Default   ThickOver=None   OffsetOver=None
Area=345   Section=fo   MatProp=Default   ThickOver=None   OffsetOver=None
Area=346   Section=fo   MatProp=Default   ThickOver=None   OffsetOver=None
Area=347   Section=fo   MatProp=Default   ThickOver=None   OffsetOver=None
Area=348   Section=fo   MatProp=Default   ThickOver=None   OffsetOver=None
Area=349   Section=fo   MatProp=Default   ThickOver=None   OffsetOver=None
Area=350   Section=fo   MatProp=Default   ThickOver=None   OffsetOver=None
Area=351   Section=fo   MatProp=Default   ThickOver=None   OffsetOver=None
Area=352   Section=fo   MatProp=Default   ThickOver=None   OffsetOver=None
Area=353   Section=fo   MatProp=Default   ThickOver=None   OffsetOver=None
Area=354   Section=fo   MatProp=Default   ThickOver=None   OffsetOver=None
Area=355   Section=fo   MatProp=Default   ThickOver=None   OffsetOver=None
Area=356   Section=fo   MatProp=Default   ThickOver=None   OffsetOver=None
Area=357   Section=fo   MatProp=Default   ThickOver=None   OffsetOver=None
Area=358   Section=fo   MatProp=Default   ThickOver=None   OffsetOver=None
Area=359   Section=fo   MatProp=Default   ThickOver=None   OffsetOver=None
Area=360   Section=fo   MatProp=Default   ThickOver=None   OffsetOver=None
Area=361   Section=fo   MatProp=Default   ThickOver=None   OffsetOver=None
Area=362   Section=fo   MatProp=Default   ThickOver=None   OffsetOver=None
Area=363   Section=fo   MatProp=Default   ThickOver=None   OffsetOver=None
Area=364   Section=fo   MatProp=Default   ThickOver=None   OffsetOver=None
Area=365   Section=fo   MatProp=Default   ThickOver=None   OffsetOver=None
Area=366   Section=fo   MatProp=Default   ThickOver=None   OffsetOver=None
Area=367   Section=fo   MatProp=Default   ThickOver=None   OffsetOver=None
Area=368   Section=fo   MatProp=Default   ThickOver=None   OffsetOver=None
Area=369   Section=fo   MatProp=Default   ThickOver=None   OffsetOver=None
Area=370   Section=fo   MatProp=Default   ThickOver=None   OffsetOver=None
Area=371   Section=fo   MatProp=Default   ThickOver=None   OffsetOver=None
Area=372   Section=fo   MatProp=Default   ThickOver=None   OffsetOver=None
Area=373   Section=fo   MatProp=Default   ThickOver=None   OffsetOver=None
Area=374   Section=fo   MatProp=Default   ThickOver=None   OffsetOver=None
Area=375   Section=fo   MatProp=Default   ThickOver=None   OffsetOver=None
Area=376   Section=fo   MatProp=Default   ThickOver=None   OffsetOver=None
Area=377   Section=fo   MatProp=Default   ThickOver=None   OffsetOver=None
```

```
   Area=378   Section=fo   MatProp=Default   ThickOver=None   OffsetOver=None
   Area=379   Section=fo   MatProp=Default   ThickOver=None   OffsetOver=None
   Area=380   Section=fo   MatProp=Default   ThickOver=None   OffsetOver=None
   Area=381   Section=fo   MatProp=Default   ThickOver=None   OffsetOver=None
   Area=382   Section=fo   MatProp=Default   ThickOver=None   OffsetOver=None
   Area=383   Section=fo   MatProp=Default   ThickOver=None   OffsetOver=None
   Area=384   Section=fo   MatProp=Default   ThickOver=None   OffsetOver=None
   Area=385   Section=fo   MatProp=Default   ThickOver=None   OffsetOver=None
   Area=386   Section=fo   MatProp=Default   ThickOver=None   OffsetOver=None
   Area=387   Section=fo   MatProp=Default   ThickOver=None   OffsetOver=None
   Area=388   Section=fo   MatProp=Default   ThickOver=None   OffsetOver=None
   Area=389   Section=fo   MatProp=Default   ThickOver=None   OffsetOver=None
   Area=390   Section=fo   MatProp=Default   ThickOver=None   OffsetOver=None
   Area=391   Section=fo   MatProp=Default   ThickOver=None   OffsetOver=None
   Area=392   Section=fo   MatProp=Default   ThickOver=None   OffsetOver=None
   Area=393   Section=fo   MatProp=Default   ThickOver=None   OffsetOver=None
   Area=394   Section=fo   MatProp=Default   ThickOver=None   OffsetOver=None
   Area=395   Section=fo   MatProp=Default   ThickOver=None   OffsetOver=None
   Area=396   Section=fo   MatProp=Default   ThickOver=None   OffsetOver=None
   Area=397   Section=fo   MatProp=Default   ThickOver=None   OffsetOver=None
   Area=398   Section=fo   MatProp=Default   ThickOver=None   OffsetOver=None
   Area=399   Section=fo   MatProp=Default   ThickOver=None   OffsetOver=None
   Area=400   Section=fo   MatProp=Default   ThickOver=None   OffsetOver=None
   Area=401   Section=fo   MatProp=Default   ThickOver=None   OffsetOver=None
   Area=402   Section=fo   MatProp=Default   ThickOver=None   OffsetOver=None
   Area=403   Section=fo   MatProp=Default   ThickOver=None   OffsetOver=None
   Area=404   Section=fo   MatProp=Default   ThickOver=None   OffsetOver=None
   Area=405   Section=fo   MatProp=Default   ThickOver=None   OffsetOver=None
   Area=406   Section=fo   MatProp=Default   ThickOver=None   OffsetOver=None
   Area=407   Section=fo   MatProp=Default   ThickOver=None   OffsetOver=None
   Area=408   Section=fo   MatProp=Default   ThickOver=None   OffsetOver=None
   Area=409   Section=fo   MatProp=Default   ThickOver=None   OffsetOver=None
   Area=410   Section=fo   MatProp=Default   ThickOver=None   OffsetOver=None
   Area=411   Section=fo   MatProp=Default   ThickOver=None   OffsetOver=None
   Area=412   Section=fo   MatProp=Default   ThickOver=None   OffsetOver=None
   Area=413   Section=fo   MatProp=Default   ThickOver=None   OffsetOver=None
   Area=414   Section=fo   MatProp=Default   ThickOver=None   OffsetOver=None
   Area=415   Section=fo   MatProp=Default   ThickOver=None   OffsetOver=None
   Area=416   Section=fo   MatProp=Default   ThickOver=None   OffsetOver=None
   Area=417   Section=fo   MatProp=Default   ThickOver=None   OffsetOver=None
   Area=418   Section=fo   MatProp=Default   ThickOver=None   OffsetOver=None
   Area=419   Section=fo   MatProp=Default   ThickOver=None   OffsetOver=None
   Area=420   Section=fo   MatProp=Default   ThickOver=None   OffsetOver=None

TABLE:  "AREA SECTION PROPERTIES"
   Section=fo    Material=STEEL    MatAngle=0    AreaType=Shell    Type=Shell-Thin    Thickness=0.001
BendThick=0.001    Color=Cyan    F11Mod=1    F22Mod=1    F12Mod=1    M11Mod=1    M22Mod=1    M12Mod=1
V13Mod=1    V23Mod=1    MMod=1    WMod=1

TABLE:  "AUTO WAVE 3 - WAVE CHARACTERISTICS - GENERAL"
   WaveChar=Default     WaveType="From  Theory"     KinFactor=1     SWaterDepth=45     WaveHeight=18
WavePeriod=12   WaveTheory=Linear

TABLE:  "CABLE SECTION DEFINITIONS"
   CableSect=CAB1    Material=STEEL    Specify=Area    Diameter=0.028660830844226    Area=0.00064516
Color=Blue   AMod=1   A2Mod=1   A3Mod=1   JMod=1   I2Mod=1   I3Mod=1   MMod=1   WMod=1

TABLE:  "CASE - BUCKLING 1 - GENERAL"
   Case=ol   NumBuckMode=2   EigenTol=0.0000001

TABLE:  "CASE - BUCKLING 2 - LOAD ASSIGNMENTS"
   Case=ol   LoadType="Load case"   LoadName=DEAD   LoadSF=1
   Case=ol   LoadType="Load case"   LoadName=neve   LoadSF=1
   Case=ol   LoadType="Load case"   LoadName=vey   LoadSF=1

TABLE:  "CASE - MODAL 1 - GENERAL"
```

```
   Case=modal    ModeType=Eigen    MaxNumModes=150    MinNumModes=1    EigenShift=0    EigenCutoff=0
EigenTol=0.0000001

TABLE:  "CASE - RESPONSE SPECTRUM 1 - GENERAL"
   Case=x   ModalCombo=CQC   DirCombo=SRSS   ConstDamp=0.05
   Case=y   ModalCombo=CQC   DirCombo=SRSS   ConstDamp=0.05
   Case=z   ModalCombo=CQC   DirCombo=SRSS   ConstDamp=0.05

TABLE:  "CASE - RESPONSE SPECTRUM 2 - LOAD ASSIGNMENTS"
   Case=x   LoadName=U1   CoordSys=GLOBAL   Function=hm   Angle=0   TransAccSF=9.81
   Case=y   LoadName=U2   CoordSys=GLOBAL   Function=hm   Angle=0   TransAccSF=9.81
   Case=z   LoadName=U3   CoordSys=GLOBAL   Function=vm   Angle=0   TransAccSF=9.81

TABLE:  "CASE - STATIC 1 - LOAD ASSIGNMENTS"
   Case=DEAD   LoadType="Load case"   LoadName=DEAD   LoadSF=1
   Case=neve   LoadType="Load case"   LoadName=neve   LoadSF=1
   Case=vex   LoadType="Load case"   LoadName=vex   LoadSF=1
   Case=sp   LoadType="Load case"   LoadName=sp   LoadSF=1
   Case=vey   LoadType="Load case"   LoadName=vey   LoadSF=1
   Case=term   LoadType="Load case"   LoadName=term   LoadSF=1

TABLE:  "COMBINATION DEFINITIONS"
   ComboName=slu1    ComboType="Linear Add"    CaseName=DEAD    ScaleFactor=1.3    SteelDesign=No
ConcDesign=No   AlumDesign=No   ColdDesign=No
   ComboName=slu1   CaseName=neve   ScaleFactor=1.5
   ComboName=slu1   CaseName=sp   ScaleFactor=1.5
   ComboName=slu1   CaseName=term   ScaleFactor=0.9
   ComboName=sx    ComboType="Linear Add"    CaseName=DEAD    ScaleFactor=1    SteelDesign=No
ConcDesign=No   AlumDesign=No   ColdDesign=No
   ComboName=sx   CaseName=x   ScaleFactor=1
   ComboName=sx   CaseName=y   ScaleFactor=0.3
   ComboName=sx   CaseName=sp   ScaleFactor=1
   ComboName=sx   CaseName=z   ScaleFactor=0.3
   ComboName=sy    ComboType="Linear Add"    CaseName=DEAD    ScaleFactor=1    SteelDesign=No
ConcDesign=No   AlumDesign=No   ColdDesign=No
   ComboName=sy   CaseName=x   ScaleFactor=0.3
   ComboName=sy   CaseName=y   ScaleFactor=1
   ComboName=sy   CaseName=sp   ScaleFactor=1
   ComboName=sy   CaseName=z   ScaleFactor=1
   ComboName=s   ComboType=Envelope   CaseName=sx   ScaleFactor=1   SteelDesign=No   ConcDesign=No
AlumDesign=No   ColdDesign=No
   ComboName=s   CaseName=sy   ScaleFactor=1
   ComboName=slu2    ComboType="Linear Add"    CaseName=DEAD    ScaleFactor=1.3    SteelDesign=No
ConcDesign=No   AlumDesign=No   ColdDesign=No
   ComboName=slu2   CaseName=neve   ScaleFactor=1.5
   ComboName=slu2   CaseName=sp   ScaleFactor=1.5
   ComboName=slu3    ComboType="Linear Add"    CaseName=DEAD    ScaleFactor=1    SteelDesign=No
ConcDesign=No   AlumDesign=No   ColdDesign=No
   ComboName=slu3   CaseName=vex   ScaleFactor=1.5
   ComboName=slu3   CaseName=sp   ScaleFactor=0.9
   ComboName=slu3   CaseName=term   ScaleFactor=0.9
   ComboName=slu4    ComboType="Linear Add"    CaseName=DEAD    ScaleFactor=1.3    SteelDesign=No
ConcDesign=No   AlumDesign=No   ColdDesign=No
   ComboName=slu4   CaseName=vex   ScaleFactor=0.9
   ComboName=slu4   CaseName=sp   ScaleFactor=1.5
   ComboName=slu4   CaseName=term   ScaleFactor=0.9
   ComboName=slu4   CaseName=neve   ScaleFactor=1.5
   ComboName=slu5    ComboType="Linear Add"    CaseName=DEAD    ScaleFactor=1.3    SteelDesign=No
ConcDesign=No   AlumDesign=No   ColdDesign=No
   ComboName=slu5   CaseName=vex   ScaleFactor=1.5
   ComboName=slu5   CaseName=sp   ScaleFactor=0
   ComboName=slu5   CaseName=term   ScaleFactor=0.9
   ComboName=slu5   CaseName=neve   ScaleFactor=1.5
   ComboName=slu6    ComboType="Linear Add"    CaseName=DEAD    ScaleFactor=1    SteelDesign=No
ConcDesign=No   AlumDesign=No   ColdDesign=No
   ComboName=slu6   CaseName=vey   ScaleFactor=1.5
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```
   ComboName=slu6   CaseName=sp   ScaleFactor=0.9
   ComboName=slu6   CaseName=term   ScaleFactor=0.9
   ComboName=slu7     ComboType="Linear  Add"     CaseName=DEAD     ScaleFactor=1.3     SteelDesign=No
ConcDesign=No   AlumDesign=No   ColdDesign=No
   ComboName=slu7   CaseName=vey   ScaleFactor=0.9
   ComboName=slu7   CaseName=sp   ScaleFactor=1.5
   ComboName=slu7   CaseName=term   ScaleFactor=0.9
   ComboName=slu7   CaseName=neve   ScaleFactor=1.5
   ComboName=slu8     ComboType="Linear  Add"     CaseName=DEAD     ScaleFactor=1     SteelDesign=No
ConcDesign=No   AlumDesign=No   ColdDesign=No
   ComboName=slu8   CaseName=vey   ScaleFactor=1.5
   ComboName=slu8   CaseName=sp   ScaleFactor=0.9
   ComboName=slu8   CaseName=term   ScaleFactor=0.9
   ComboName=slu       ComboType=Envelope       CaseName=slu1       ScaleFactor=1       SteelDesign=No
ConcDesign=No   AlumDesign=No   ColdDesign=No
   ComboName=slu   CaseName=slu2   ScaleFactor=1
   ComboName=slu   CaseName=slu3   ScaleFactor=1
   ComboName=slu   CaseName=slu4   ScaleFactor=1
   ComboName=slu   CaseName=slu5   ScaleFactor=1
   ComboName=slu   CaseName=slu6   ScaleFactor=1
   ComboName=slu   CaseName=slu7   ScaleFactor=1
   ComboName=slu   CaseName=slu8   ScaleFactor=1
   ComboName=sle1     ComboType="Linear  Add"     CaseName=DEAD     ScaleFactor=1     SteelDesign=No
ConcDesign=No   AlumDesign=No   ColdDesign=No
   ComboName=sle1   CaseName=neve   ScaleFactor=1
   ComboName=sle1   CaseName=sp   ScaleFactor=1
   ComboName=sle1   CaseName=vex   ScaleFactor=1
   ComboName=sle2     ComboType="Linear  Add"     CaseName=DEAD     ScaleFactor=1     SteelDesign=No
ConcDesign=No   AlumDesign=No   ColdDesign=No
   ComboName=sle2   CaseName=neve   ScaleFactor=1
   ComboName=sle2   CaseName=sp   ScaleFactor=1
   ComboName=sle2   CaseName=vey   ScaleFactor=1
   ComboName=sle       ComboType=Envelope       CaseName=sle1       ScaleFactor=1       SteelDesign=No
ConcDesign=No   AlumDesign=No   ColdDesign=No
   ComboName=sle   CaseName=sle2   ScaleFactor=1

TABLE:  "CONNECTIVITY - AREA"
   Area=253   Joint1=763   Joint2=762   Joint3=758   Joint4=757
   Area=254   Joint1=762   Joint2=760   Joint3=757   Joint4=755
   Area=255   Joint1=757   Joint2=755   Joint3=752   Joint4=750
   Area=256   Joint1=760   Joint2=761   Joint3=755   Joint4=756
   Area=257   Joint1=755   Joint2=756   Joint3=750   Joint4=751
   Area=258   Joint1=750   Joint2=751   Joint3=737   Joint4=749
   Area=259   Joint1=775   Joint2=776   Joint3=809   Joint4=782
   Area=260   Joint1=809   Joint2=782   Joint3=812   Joint4=787
   Area=261   Joint1=776   Joint2=777   Joint3=782   Joint4=781
   Area=262   Joint1=782   Joint2=781   Joint3=787   Joint4=786
   Area=263   Joint1=787   Joint2=786   Joint3=819   Joint4=792
   Area=264   Joint1=777   Joint2=778   Joint3=781   Joint4=780
   Area=265   Joint1=781   Joint2=780   Joint3=786   Joint4=785
   Area=266   Joint1=786   Joint2=785   Joint3=792   Joint4=791
   Area=267   Joint1=778   Joint2=744   Joint3=780   Joint4=779
   Area=268   Joint1=780   Joint2=779   Joint3=785   Joint4=784
   Area=269   Joint1=785   Joint2=784   Joint3=791   Joint4=790
   Area=270   Joint1=744   Joint2=745   Joint3=779   Joint4=764
   Area=271   Joint1=779   Joint2=764   Joint3=784   Joint4=783
   Area=272   Joint1=784   Joint2=783   Joint3=790   Joint4=789
   Area=273   Joint1=789   Joint2=788   Joint3=783   Joint4=759
   Area=274   Joint1=783   Joint2=759   Joint3=764   Joint4=754
   Area=275   Joint1=764   Joint2=754   Joint3=745   Joint4=746
   Area=276   Joint1=788   Joint2=763   Joint3=759   Joint4=758
   Area=277   Joint1=759   Joint2=758   Joint3=754   Joint4=753
   Area=278   Joint1=754   Joint2=753   Joint3=746   Joint4=747
   Area=279   Joint1=758   Joint2=757   Joint3=753   Joint4=752
   Area=280   Joint1=753   Joint2=752   Joint3=747   Joint4=748
   Area=281   Joint1=752   Joint2=750   Joint3=748   Joint4=737
```

```
Area=282   Joint1=833   Joint2=806   Joint3=834   Joint4=826
Area=283   Joint1=834   Joint2=826   Joint3=855   Joint4=836
Area=284   Joint1=855   Joint2=836   Joint3=839   Joint4=838
Area=285   Joint1=806   Joint2=807   Joint3=826   Joint4=811
Area=286   Joint1=826   Joint2=811   Joint3=836   Joint4=835
Area=287   Joint1=836   Joint2=835   Joint3=838   Joint4=837
Area=288   Joint1=807   Joint2=808   Joint3=811   Joint4=810
Area=289   Joint1=811   Joint2=810   Joint3=835   Joint4=813
Area=290   Joint1=835   Joint2=813   Joint3=837   Joint4=821
Area=291   Joint1=808   Joint2=775   Joint3=810   Joint4=809
Area=292   Joint1=810   Joint2=809   Joint3=813   Joint4=812
Area=293   Joint1=813   Joint2=812   Joint3=821   Joint4=820
Area=294   Joint1=812   Joint2=787   Joint3=820   Joint4=819
Area=295   Joint1=857   Joint2=858   Joint3=862   Joint4=861
Area=296   Joint1=864   Joint2=857   Joint3=865   Joint4=862
Area=297   Joint1=866   Joint2=867   Joint3=864   Joint4=857
Area=298   Joint1=874   Joint2=875   Joint3=866   Joint4=867
Area=299   Joint1=876   Joint2=864   Joint3=878   Joint4=865
Area=300   Joint1=879   Joint2=866   Joint3=876   Joint4=864
Area=301   Joint1=881   Joint2=874   Joint3=879   Joint4=866
Area=302   Joint1=882   Joint2=876   Joint3=884   Joint4=878
Area=303   Joint1=885   Joint2=879   Joint3=882   Joint4=876
Area=304   Joint1=887   Joint2=881   Joint3=885   Joint4=879
Area=305   Joint1=890   Joint2=882   Joint3=891   Joint4=884
Area=306   Joint1=892   Joint2=885   Joint3=890   Joint4=882
Area=307   Joint1=894   Joint2=887   Joint3=892   Joint4=885
Area=308   Joint1=895   Joint2=897   Joint3=902   Joint4=899
Area=309   Joint1=904   Joint2=895   Joint3=906   Joint4=902
Area=310   Joint1=908   Joint2=904   Joint3=915   Joint4=906
Area=311   Joint1=917   Joint2=925   Joint3=908   Joint4=904
Area=312   Joint1=927   Joint2=928   Joint3=917   Joint4=925
Area=313   Joint1=929   Joint2=917   Joint3=932   Joint4=927
Area=314   Joint1=933   Joint2=908   Joint3=929   Joint4=917
Area=315   Joint1=934   Joint2=915   Joint3=933   Joint4=908
Area=316   Joint1=935   Joint2=929   Joint3=936   Joint4=932
Area=317   Joint1=937   Joint2=933   Joint3=935   Joint4=929
Area=318   Joint1=938   Joint2=934   Joint3=937   Joint4=933
Area=319   Joint1=939   Joint2=935   Joint3=940   Joint4=936
Area=320   Joint1=941   Joint2=937   Joint3=939   Joint4=935
Area=321   Joint1=942   Joint2=938   Joint3=941   Joint4=937
Area=322   Joint1=858   Joint2=939   Joint3=861   Joint4=940
Area=323   Joint1=943   Joint2=941   Joint3=858   Joint4=939
Area=324   Joint1=944   Joint2=942   Joint3=943   Joint4=941
Area=325   Joint1=867   Joint2=943   Joint3=857   Joint4=858
Area=326   Joint1=875   Joint2=944   Joint3=867   Joint4=943
Area=327   Joint1=897   Joint2=1077   Joint3=899   Joint4=1074
Area=328   Joint1=1078   Joint2=1079   Joint3=895   Joint4=897
Area=329   Joint1=925   Joint2=1078   Joint3=904   Joint4=895
Area=330   Joint1=928   Joint2=1080   Joint3=925   Joint4=1078
Area=331   Joint1=1077   Joint2=751   Joint3=1074   Joint4=749
Area=332   Joint1=1081   Joint2=756   Joint3=1077   Joint4=751
Area=333   Joint1=1082   Joint2=761   Joint3=1081   Joint4=756
Area=334   Joint1=1079   Joint2=1081   Joint3=897   Joint4=1077
Area=335   Joint1=1083   Joint2=1082   Joint3=1079   Joint4=1081
Area=336   Joint1=1080   Joint2=1083   Joint3=1078   Joint4=1079
Area=337   Joint1=1091   Joint2=1092   Joint3=820   Joint4=819
Area=338   Joint1=1093   Joint2=1091   Joint3=821   Joint4=820
Area=339   Joint1=1094   Joint2=1095   Joint3=1093   Joint4=1091
Area=340   Joint1=1096   Joint2=1097   Joint3=1094   Joint4=1095
Area=341   Joint1=1098   Joint2=1093   Joint3=837   Joint4=821
Area=342   Joint1=1099   Joint2=1094   Joint3=1098   Joint4=1093
Area=343   Joint1=1100   Joint2=1096   Joint3=1099   Joint4=1094
Area=344   Joint1=1101   Joint2=1098   Joint3=838   Joint4=837
Area=345   Joint1=1102   Joint2=1099   Joint3=1101   Joint4=1098
Area=346   Joint1=1103   Joint2=1100   Joint3=1102   Joint4=1099
Area=347   Joint1=1104   Joint2=1101   Joint3=839   Joint4=838
```

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Area=348   Joint1=1105   Joint2=1102   Joint3=1104   Joint4=1101
Area=349   Joint1=1106   Joint2=1103   Joint3=1105   Joint4=1102
Area=350   Joint1=788   Joint2=763   Joint3=1108   Joint4=1107
Area=351   Joint1=1109   Joint2=1110   Joint3=1112   Joint4=1111
Area=352   Joint1=1113   Joint2=1108   Joint3=1109   Joint4=1110
Area=353   Joint1=789   Joint2=788   Joint3=1113   Joint4=1108
Area=354   Joint1=1114   Joint2=1113   Joint3=790   Joint4=789
Area=355   Joint1=1115   Joint2=1109   Joint3=1114   Joint4=1113
Area=356   Joint1=1116   Joint2=1112   Joint3=1115   Joint4=1109
Area=357   Joint1=1117   Joint2=1114   Joint3=791   Joint4=790
Area=358   Joint1=1118   Joint2=1115   Joint3=1117   Joint4=1114
Area=359   Joint1=1119   Joint2=1116   Joint3=1118   Joint4=1115
Area=360   Joint1=1120   Joint2=1117   Joint3=792   Joint4=791
Area=361   Joint1=1121   Joint2=1118   Joint3=1120   Joint4=1117
Area=362   Joint1=1122   Joint2=1119   Joint3=1121   Joint4=1118
Area=363   Joint1=1092   Joint2=1120   Joint3=819   Joint4=792
Area=364   Joint1=1123   Joint2=1121   Joint3=1092   Joint4=1120
Area=365   Joint1=1124   Joint2=1122   Joint3=1123   Joint4=1121
Area=366   Joint1=1095   Joint2=1123   Joint3=1091   Joint4=1092
Area=367   Joint1=1097   Joint2=1124   Joint3=1095   Joint4=1123
Area=368   Joint1=1080   Joint2=1083   Joint3=1181   Joint4=1180
Area=369   Joint1=1083   Joint2=1082   Joint3=1180   Joint4=1178
Area=370   Joint1=1180   Joint2=1178   Joint3=1177   Joint4=1175
Area=371   Joint1=1082   Joint2=761   Joint3=1178   Joint4=1179
Area=372   Joint1=1178   Joint2=1179   Joint3=1175   Joint4=1176
Area=373   Joint1=1175   Joint2=1176   Joint3=1171   Joint4=1173
Area=374   Joint1=928   Joint2=1080   Joint3=1182   Joint4=1181
Area=375   Joint1=1182   Joint2=1181   Joint3=1191   Joint4=1190
Area=376   Joint1=1181   Joint2=1180   Joint3=1190   Joint4=1177
Area=377   Joint1=1177   Joint2=1175   Joint3=1192   Joint4=1171
Area=378   Joint1=1202   Joint2=1203   Joint3=1223   Joint4=1209
Area=379   Joint1=1223   Joint2=1209   Joint3=1226   Joint4=1214
Area=380   Joint1=1203   Joint2=1204   Joint3=1209   Joint4=1208
Area=381   Joint1=1209   Joint2=1208   Joint3=1214   Joint4=1213
Area=382   Joint1=1214   Joint2=1213   Joint3=861   Joint4=940
Area=383   Joint1=1204   Joint2=1205   Joint3=1208   Joint4=1207
Area=384   Joint1=1208   Joint2=1207   Joint3=1213   Joint4=1212
Area=385   Joint1=1213   Joint2=1212   Joint3=940   Joint4=936
Area=386   Joint1=1205   Joint2=1196   Joint3=1207   Joint4=1206
Area=387   Joint1=1207   Joint2=1206   Joint3=1212   Joint4=1211
Area=388   Joint1=1212   Joint2=1211   Joint3=936   Joint4=932
Area=389   Joint1=1196   Joint2=1197   Joint3=1206   Joint4=1199
Area=390   Joint1=1206   Joint2=1199   Joint3=1211   Joint4=1210
Area=391   Joint1=1211   Joint2=1210   Joint3=932   Joint4=927
Area=392   Joint1=927   Joint2=928   Joint3=1210   Joint4=1182
Area=393   Joint1=1210   Joint2=1182   Joint3=1199   Joint4=1191
Area=394   Joint1=1199   Joint2=1191   Joint3=1197   Joint4=1198
Area=395   Joint1=1191   Joint2=1190   Joint3=1198   Joint4=1174
Area=396   Joint1=1190   Joint2=1177   Joint3=1174   Joint4=1192
Area=397   Joint1=1221   Joint2=1222   Joint3=1225   Joint4=1224
Area=398   Joint1=1225   Joint2=1224   Joint3=1235   Joint4=1227
Area=399   Joint1=1235   Joint2=1227   Joint3=878   Joint4=865
Area=400   Joint1=1222   Joint2=1202   Joint3=1224   Joint4=1223
Area=401   Joint1=1224   Joint2=1223   Joint3=1227   Joint4=1226
Area=402   Joint1=1227   Joint2=1226   Joint3=865   Joint4=862
Area=403   Joint1=1226   Joint2=1214   Joint3=862   Joint4=861
Area=404   Joint1=1239   Joint2=1240   Joint3=1242   Joint4=1241
Area=405   Joint1=1243   Joint2=1239   Joint3=1244   Joint4=1242
Area=406   Joint1=1107   Joint2=1245   Joint3=1243   Joint4=1239
Area=407   Joint1=1110   Joint2=1243   Joint3=1111   Joint4=1244
Area=408   Joint1=1108   Joint2=1107   Joint3=1110   Joint4=1243
Area=409   Joint1=1240   Joint2=1176   Joint3=1241   Joint4=1173
Area=410   Joint1=1246   Joint2=1179   Joint3=1240   Joint4=1176
Area=411   Joint1=760   Joint2=761   Joint3=1246   Joint4=1179
Area=412   Joint1=1245   Joint2=1246   Joint3=1239   Joint4=1240
Area=413   Joint1=762   Joint2=760   Joint3=1245   Joint4=1246
```

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   Area=414   Joint1=763   Joint2=762   Joint3=1107   Joint4=1245
   Area=415   Joint1=1265   Joint2=1262   Joint3=1266   Joint4=1233
   Area=416   Joint1=1266   Joint2=1233   Joint3=1278   Joint4=1267
   Area=417   Joint1=1278   Joint2=1267   Joint3=891   Joint4=884
   Area=418   Joint1=1262   Joint2=1221   Joint3=1233   Joint4=1225
   Area=419   Joint1=1233   Joint2=1225   Joint3=1267   Joint4=1235
   Area=420   Joint1=1267   Joint2=1235   Joint3=884   Joint4=878

TABLE:  "CONNECTIVITY - FRAME"
   Frame=1   JointI=841   JointJ=821   IsCurved=No
   Frame=3   JointI=840   JointJ=819   IsCurved=No
   Frame=4   JointI=823   JointJ=791   IsCurved=No
   Frame=5   JointI=791   JointJ=793   IsCurved=No
   Frame=6   JointI=788   JointJ=767   IsCurved=No
   Frame=7   JointI=767   JointJ=1083   IsCurved=No
   Frame=8   JointI=762   JointJ=1084   IsCurved=No
   Frame=9   JointI=1084   JointJ=927   IsCurved=No
   Frame=10   JointI=1065   JointJ=936   IsCurved=No
   Frame=11   JointI=936   JointJ=985   IsCurved=No
   Frame=12   JointI=861   JointJ=969   IsCurved=No
   Frame=13   JointI=865   JointJ=968   IsCurved=No
   Frame=14   JointI=852   JointJ=839   IsCurved=No
   Frame=15   JointI=1132   JointJ=839   IsCurved=No
   Frame=16   JointI=1276   JointJ=891   IsCurved=No
   Frame=17   JointI=956   JointJ=891   IsCurved=No
   Frame=34   JointI=764   JointJ=17   IsCurved=No
   Frame=35   JointI=783   JointJ=17   IsCurved=No
   Frame=36   JointI=17   JointJ=785   IsCurved=No
   Frame=37   JointI=17   JointJ=780   IsCurved=No
   Frame=38   JointI=785   JointJ=18   IsCurved=No
   Frame=39   JointI=780   JointJ=18   IsCurved=No
   Frame=40   JointI=18   JointJ=787   IsCurved=No
   Frame=41   JointI=18   JointJ=782   IsCurved=No
   Frame=42   JointI=745   JointJ=19   IsCurved=No
   Frame=43   JointI=764   JointJ=19   IsCurved=No
   Frame=44   JointI=19   JointJ=780   IsCurved=No
   Frame=45   JointI=19   JointJ=778   IsCurved=No
   Frame=46   JointI=780   JointJ=20   IsCurved=No
   Frame=47   JointI=778   JointJ=20   IsCurved=No
   Frame=48   JointI=20   JointJ=782   IsCurved=No
   Frame=49   JointI=20   JointJ=776   IsCurved=No
   Frame=50   JointI=21   JointJ=1123   IsCurved=No
   Frame=51   JointI=21   JointJ=1092   IsCurved=No
   Frame=52   JointI=1118   JointJ=21   IsCurved=No
   Frame=53   JointI=1117   JointJ=21   IsCurved=No
   Frame=54   JointI=22   JointJ=1118   IsCurved=No
   Frame=55   JointI=22   JointJ=1117   IsCurved=No
   Frame=56   JointI=1113   JointJ=22   IsCurved=No
   Frame=57   JointI=1109   JointJ=22   IsCurved=No
   Frame=58   JointI=23   JointJ=1124   IsCurved=No
   Frame=59   JointI=23   JointJ=1123   IsCurved=No
   Frame=60   JointI=1119   JointJ=23   IsCurved=No
   Frame=61   JointI=1118   JointJ=23   IsCurved=No
   Frame=62   JointI=24   JointJ=1119   IsCurved=No
   Frame=63   JointI=24   JointJ=1118   IsCurved=No
   Frame=64   JointI=1109   JointJ=24   IsCurved=No
   Frame=65   JointI=1112   JointJ=24   IsCurved=No
   Frame=66   JointI=25   JointJ=943   IsCurved=No
   Frame=67   JointI=25   JointJ=858   IsCurved=No
   Frame=68   JointI=937   JointJ=25   IsCurved=No
   Frame=69   JointI=935   JointJ=25   IsCurved=No
   Frame=70   JointI=26   JointJ=937   IsCurved=No
   Frame=71   JointI=26   JointJ=935   IsCurved=No
   Frame=72   JointI=917   JointJ=26   IsCurved=No
   Frame=73   JointI=908   JointJ=26   IsCurved=No
   Frame=74   JointI=27   JointJ=944   IsCurved=No
```

```
Frame=75   JointI=27   JointJ=943   IsCurved=No
Frame=76   JointI=938   JointJ=27   IsCurved=No
Frame=77   JointI=937   JointJ=27   IsCurved=No
Frame=78   JointI=28   JointJ=938   IsCurved=No
Frame=79   JointI=28   JointJ=937   IsCurved=No
Frame=80   JointI=908   JointJ=28   IsCurved=No
Frame=81   JointI=915   JointJ=28   IsCurved=No
Frame=82   JointI=1199   JointJ=29   IsCurved=No
Frame=83   JointI=1210   JointJ=29   IsCurved=No
Frame=84   JointI=29   JointJ=1212   IsCurved=No
Frame=85   JointI=29   JointJ=1207   IsCurved=No
Frame=86   JointI=1212   JointJ=30   IsCurved=No
Frame=87   JointI=1207   JointJ=30   IsCurved=No
Frame=88   JointI=30   JointJ=1214   IsCurved=No
Frame=89   JointI=30   JointJ=1209   IsCurved=No
Frame=90   JointI=1197   JointJ=31   IsCurved=No
Frame=91   JointI=1199   JointJ=31   IsCurved=No
Frame=92   JointI=31   JointJ=1207   IsCurved=No
Frame=93   JointI=31   JointJ=1205   IsCurved=No
Frame=94   JointI=1207   JointJ=32   IsCurved=No
Frame=95   JointI=1205   JointJ=32   IsCurved=No
Frame=96   JointI=32   JointJ=1209   IsCurved=No
Frame=97   JointI=32   JointJ=1203   IsCurved=No
Frame=98   JointI=854   JointJ=839   IsCurved=No
Frame=99   JointI=891   JointJ=954   IsCurved=No
Frame=1325   JointI=733   JointJ=734   IsCurved=No
Frame=1326   JointI=734   JointJ=735   IsCurved=No
Frame=1327   JointI=736   JointJ=734   IsCurved=No
Frame=1328   JointI=734   JointJ=737   IsCurved=No
Frame=1329   JointI=738   JointJ=739   IsCurved=No
Frame=1330   JointI=740   JointJ=741   IsCurved=No
Frame=1331   JointI=741   JointJ=733   IsCurved=No
Frame=1332   JointI=742   JointJ=741   IsCurved=No
Frame=1333   JointI=743   JointJ=733   IsCurved=No
Frame=1334   JointI=739   JointJ=740   IsCurved=No
Frame=1335   JointI=744   JointJ=745   IsCurved=No
Frame=1336   JointI=745   JointJ=746   IsCurved=No
Frame=1337   JointI=746   JointJ=747   IsCurved=No
Frame=1338   JointI=747   JointJ=748   IsCurved=No
Frame=1339   JointI=748   JointJ=737   IsCurved=No
Frame=1340   JointI=737   JointJ=749   IsCurved=No
Frame=1341   JointI=733   JointJ=747   IsCurved=No
Frame=1342   JointI=741   JointJ=746   IsCurved=No
Frame=1343   JointI=740   JointJ=744   IsCurved=No
Frame=1344   JointI=750   JointJ=751   IsCurved=No
Frame=1345   JointI=752   JointJ=750   IsCurved=No
Frame=1346   JointI=753   JointJ=752   IsCurved=No
Frame=1347   JointI=754   JointJ=753   IsCurved=No
Frame=1348   JointI=755   JointJ=756   IsCurved=No
Frame=1349   JointI=757   JointJ=755   IsCurved=No
Frame=1350   JointI=758   JointJ=757   IsCurved=No
Frame=1351   JointI=759   JointJ=758   IsCurved=No
Frame=1352   JointI=760   JointJ=761   IsCurved=No
Frame=1353   JointI=762   JointJ=760   IsCurved=No
Frame=1354   JointI=763   JointJ=762   IsCurved=No
Frame=1355   JointI=764   JointJ=745   IsCurved=No
Frame=1356   JointI=762   JointJ=757   IsCurved=No
Frame=1357   JointI=757   JointJ=752   IsCurved=No
Frame=1358   JointI=752   JointJ=748   IsCurved=No
Frame=1359   JointI=765   JointJ=757   IsCurved=No
Frame=1360   JointI=766   JointJ=752   IsCurved=No
Frame=1361   JointI=767   JointJ=765   IsCurved=No
Frame=1362   JointI=765   JointJ=766   IsCurved=No
Frame=1363   JointI=766   JointJ=768   IsCurved=No
Frame=1364   JointI=765   JointJ=752   IsCurved=No
Frame=1365   JointI=767   JointJ=757   IsCurved=No
```

```
Frame=1366   JointI=769   JointJ=745   IsCurved=No
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Frame=2090   JointI=1249   JointJ=1250   IsCurved=No
Frame=2091   JointI=1165   JointJ=1252   IsCurved=No
Frame=2092   JointI=1253   JointJ=1241   IsCurved=No
Frame=2093   JointI=736   JointJ=1253   IsCurved=No
Frame=2094   JointI=1253   JointJ=1254   IsCurved=No
Frame=2095   JointI=1251   JointJ=1253   IsCurved=No
Frame=2096   JointI=1255   JointJ=1256   IsCurved=No
Frame=2097   JointI=1256   JointJ=1193   IsCurved=No
Frame=2098   JointI=1256   JointJ=1203   IsCurved=No
Frame=2099   JointI=1257   JointJ=1258   IsCurved=No
Frame=2100   JointI=1259   JointJ=1260   IsCurved=No
Frame=2101   JointI=1260   JointJ=1261   IsCurved=No
Frame=2102   JointI=1261   JointJ=1258   IsCurved=No
Frame=2103   JointI=1261   JointJ=1255   IsCurved=No
Frame=2104   JointI=1024   JointJ=1255   IsCurved=No
Frame=2105   JointI=1262   JointJ=1221   IsCurved=No
Frame=2106   JointI=1255   JointJ=1202   IsCurved=No
Frame=2107   JointI=1261   JointJ=1221   IsCurved=No
Frame=2108   JointI=1263   JointJ=1257   IsCurved=No
Frame=2109   JointI=1264   JointJ=1259   IsCurved=No
Frame=2110   JointI=1259   JointJ=1257   IsCurved=No
Frame=2111   JointI=972   JointJ=1259   IsCurved=No
Frame=2112   JointI=1265   JointJ=1262   IsCurved=No
Frame=2113   JointI=1257   JointJ=1262   IsCurved=No
Frame=2114   JointI=1266   JointJ=1233   IsCurved=No
Frame=2115   JointI=1267   JointJ=1235   IsCurved=No
Frame=2117   JointI=891   JointJ=884   IsCurved=No
Frame=2118   JointI=891   JointJ=968   IsCurved=No
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   Frame=2119   JointI=968   JointJ=1236   IsCurved=No
   Frame=2120   JointI=968   JointJ=884   IsCurved=No
   Frame=2121   JointI=1267   JointJ=1233   IsCurved=No
   Frame=2122   JointI=884   JointJ=1267   IsCurved=No
   Frame=2123   JointI=1233   JointJ=1262   IsCurved=No
   Frame=2124   JointI=968   JointJ=1268   IsCurved=No
   Frame=2125   JointI=968   JointJ=1267   IsCurved=No
   Frame=2126   JointI=969   JointJ=884   IsCurved=No
   Frame=2127   JointI=1232   JointJ=1267   IsCurved=No
   Frame=2128   JointI=1237   JointJ=884   IsCurved=No
   Frame=2129   JointI=1237   JointJ=1267   IsCurved=No
   Frame=2130   JointI=884   JointJ=1269   IsCurved=No
   Frame=2131   JointI=1238   JointJ=1262   IsCurved=No
   Frame=2132   JointI=1268   JointJ=1233   IsCurved=No
   Frame=2133   JointI=1270   JointJ=1271   IsCurved=No
   Frame=2134   JointI=1272   JointJ=1273   IsCurved=No
   Frame=2135   JointI=1271   JointJ=1274   IsCurved=No
   Frame=2136   JointI=1274   JointJ=1275   IsCurved=No
   Frame=2137   JointI=1273   JointJ=1276   IsCurved=No
   Frame=2138   JointI=1276   JointJ=1277   IsCurved=No
   Frame=2139   JointI=1276   JointJ=1274   IsCurved=No
   Frame=2140   JointI=954   JointJ=1276   IsCurved=No
   Frame=2141   JointI=1275   JointJ=1263   IsCurved=No
   Frame=2142   JointI=1277   JointJ=1264   IsCurved=No
   Frame=2143   JointI=1275   JointJ=1265   IsCurved=No
   Frame=2144   JointI=1266   JointJ=1275   IsCurved=No
   Frame=2145   JointI=1278   JointJ=1277   IsCurved=No
   Frame=2146   JointI=1278   JointJ=1267   IsCurved=No
   Frame=2147   JointI=1277   JointJ=1266   IsCurved=No
   Frame=2148   JointI=891   JointJ=1278   IsCurved=No
   Frame=2149   JointI=1267   JointJ=1269   IsCurved=No
   Frame=2150   JointI=1269   JointJ=891   IsCurved=No
   Frame=2151   JointI=1269   JointJ=1278   IsCurved=No
   Frame=2152   JointI=1268   JointJ=1267   IsCurved=No
   Frame=2153   JointI=1268   JointJ=1238   IsCurved=No
   Frame=2158   JointI=762   JointJ=1281   IsCurved=No
   Frame=2159   JointI=1281   JointJ=1079   IsCurved=No
   Frame=2160   JointI=757   JointJ=1281   IsCurved=No
   Frame=2161   JointI=1281   JointJ=1083   IsCurved=No
   Frame=2162   JointI=762   JointJ=1282   IsCurved=No
   Frame=2163   JointI=1282   JointJ=1180   IsCurved=No
   Frame=2164   JointI=1245   JointJ=1282   IsCurved=No
   Frame=2165   JointI=1282   JointJ=1083   IsCurved=No
   Frame=2166   JointI=828   JointJ=1119   IsCurved=No
   Frame=2167   JointI=829   JointJ=778   IsCurved=No
   Frame=2168   JointI=977   JointJ=1205   IsCurved=No
   Frame=2169   JointI=975   JointJ=938   IsCurved=No

TABLE:  "COORDINATE SYSTEMS"
   Name=GLOBAL   Type=Cartesian   X=0   Y=0   Z=0   AboutZ=0   AboutY=0   AboutX=0

TABLE:  "FRAME LOADS - DISTRIBUTED"
   Frame=1325   LoadCase=sp   CoordSys=GLOBAL   Type=Force   Dir=Gravity   DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=3.98841125490519   FOverLA=0.5   FOverLB=0.5
   Frame=1325   LoadCase=vex   CoordSys=GLOBAL   Type=Force   Dir=X   DistType=RelDist   RelDistA=0
RelDistB=1   AbsDistA=0   AbsDistB=3.98841125490519   FOverLA=2.5   FOverLB=2.5
   Frame=1326   LoadCase=sp   CoordSys=GLOBAL   Type=Force   Dir=Gravity   DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=2.26014680306261   FOverLA=0.5   FOverLB=0.5
   Frame=1326   LoadCase=vex   CoordSys=GLOBAL   Type=Force   Dir=X   DistType=RelDist   RelDistA=0
RelDistB=1   AbsDistA=0   AbsDistB=2.26014680306261   FOverLA=2.5   FOverLB=2.5
   Frame=1327   LoadCase=sp   CoordSys=GLOBAL   Type=Force   Dir=Gravity   DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.359917758944221   FOverLA=0.5   FOverLB=0.5
   Frame=1327   LoadCase=vex   CoordSys=GLOBAL   Type=Force   Dir=X   DistType=RelDist   RelDistA=0
RelDistB=1   AbsDistA=0   AbsDistB=0.359917758944221   FOverLA=2.5   FOverLB=2.5
   Frame=1329   LoadCase=sp   CoordSys=GLOBAL   Type=Force   Dir=Gravity   DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=3.4905642196975   FOverLA=0.5   FOverLB=0.5
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   Frame=1329   LoadCase=vex   CoordSys=GLOBAL   Type=Force   Dir=X   DistType=RelDist   RelDistA=0
RelDistB=1   AbsDistA=0   AbsDistB=3.4905642196975   FOverLA=2.5   FOverLB=2.5
   Frame=1330   LoadCase=sp   CoordSys=GLOBAL   Type=Force   Dir=Gravity   DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=3.72724700655326   FOverLA=0.5   FOverLB=0.5
   Frame=1330   LoadCase=vex   CoordSys=GLOBAL   Type=Force   Dir=X   DistType=RelDist   RelDistA=0
RelDistB=1   AbsDistA=0   AbsDistB=3.72724700655326   FOverLA=2.5   FOverLB=2.5
   Frame=1331   LoadCase=sp   CoordSys=GLOBAL   Type=Force   Dir=Gravity   DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=3.99220596822146   FOverLA=0.5   FOverLB=0.5
   Frame=1331   LoadCase=vex   CoordSys=GLOBAL   Type=Force   Dir=X   DistType=RelDist   RelDistA=0
RelDistB=1   AbsDistA=0   AbsDistB=3.99220596822146   FOverLA=2.5   FOverLB=2.5
   Frame=1332   LoadCase=sp   CoordSys=GLOBAL   Type=Force   Dir=Gravity   DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.620387913774437   FOverLA=0.5   FOverLB=0.5
   Frame=1332   LoadCase=vex   CoordSys=GLOBAL   Type=Force   Dir=X   DistType=RelDist   RelDistA=0
RelDistB=1   AbsDistA=0   AbsDistB=0.620387913774437   FOverLA=2.5   FOverLB=2.5
   Frame=1333   LoadCase=sp   CoordSys=GLOBAL   Type=Force   Dir=Gravity   DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.448947213214126   FOverLA=0.5   FOverLB=0.5
   Frame=1333   LoadCase=vex   CoordSys=GLOBAL   Type=Force   Dir=X   DistType=RelDist   RelDistA=0
RelDistB=1   AbsDistA=0   AbsDistB=0.448947213214126   FOverLA=2.5   FOverLB=2.5
   Frame=1334   LoadCase=sp   CoordSys=GLOBAL   Type=Force   Dir=Gravity   DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.784924530926215   FOverLA=0.5   FOverLB=0.5
   Frame=1334   LoadCase=vex   CoordSys=GLOBAL   Type=Force   Dir=X   DistType=RelDist   RelDistA=0
RelDistB=1   AbsDistA=0   AbsDistB=0.784924530926215   FOverLA=2.5   FOverLB=2.5
   Frame=1371   LoadCase=sp   CoordSys=GLOBAL   Type=Force   Dir=Gravity   DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=4.29940995591767   FOverLA=0.5   FOverLB=0.5
   Frame=1371   LoadCase=vex   CoordSys=GLOBAL   Type=Force   Dir=X   DistType=RelDist   RelDistA=0
RelDistB=1   AbsDistA=0   AbsDistB=4.29940995591767   FOverLA=2.5   FOverLB=2.5
   Frame=1372   LoadCase=sp   CoordSys=GLOBAL   Type=Force   Dir=Gravity   DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=3.7351512583851   FOverLA=0.5   FOverLB=0.5
   Frame=1372   LoadCase=vex   CoordSys=GLOBAL   Type=Force   Dir=X   DistType=RelDist   RelDistA=0
RelDistB=1   AbsDistA=0   AbsDistB=3.7351512583851   FOverLA=2.5   FOverLB=2.5
   Frame=1373   LoadCase=sp   CoordSys=GLOBAL   Type=Force   Dir=Gravity   DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=1.20114753079832   FOverLA=0.5   FOverLB=0.5
   Frame=1373   LoadCase=vex   CoordSys=GLOBAL   Type=Force   Dir=X   DistType=RelDist   RelDistA=0
RelDistB=1   AbsDistA=0   AbsDistB=1.20114753079832   FOverLA=2.5   FOverLB=2.5
   Frame=1424   LoadCase=sp   CoordSys=GLOBAL   Type=Force   Dir=Gravity   DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=4.04384601641474   FOverLA=0.5   FOverLB=0.5
   Frame=1424   LoadCase=vex   CoordSys=GLOBAL   Type=Force   Dir=X   DistType=RelDist   RelDistA=0
RelDistB=1   AbsDistA=0   AbsDistB=4.04384601641474   FOverLA=2.5   FOverLB=2.5
   Frame=1425   LoadCase=sp   CoordSys=GLOBAL   Type=Force   Dir=Gravity   DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=4.05729296084971   FOverLA=0.5   FOverLB=0.5
   Frame=1425   LoadCase=vex   CoordSys=GLOBAL   Type=Force   Dir=X   DistType=RelDist   RelDistA=0
RelDistB=1   AbsDistA=0   AbsDistB=4.05729296084971   FOverLA=2.5   FOverLB=2.5
   Frame=1426   LoadCase=sp   CoordSys=GLOBAL   Type=Force   Dir=Gravity   DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.362551492580978   FOverLA=0.5   FOverLB=0.5
   Frame=1426   LoadCase=vex   CoordSys=GLOBAL   Type=Force   Dir=X   DistType=RelDist   RelDistA=0
RelDistB=1   AbsDistA=0   AbsDistB=0.362551492580978   FOverLA=2.5   FOverLB=2.5
   Frame=1427   LoadCase=sp   CoordSys=GLOBAL   Type=Force   Dir=Gravity   DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.430905752460909   FOverLA=0.5   FOverLB=0.5
   Frame=1427   LoadCase=vex   CoordSys=GLOBAL   Type=Force   Dir=X   DistType=RelDist   RelDistA=0
RelDistB=1   AbsDistA=0   AbsDistB=0.430905752460909   FOverLA=2.5   FOverLB=2.5
   Frame=1428   LoadCase=sp   CoordSys=GLOBAL   Type=Force   Dir=Gravity   DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=3.72877625287803   FOverLA=0.5   FOverLB=0.5
   Frame=1428   LoadCase=vex   CoordSys=GLOBAL   Type=Force   Dir=X   DistType=RelDist   RelDistA=0
RelDistB=1   AbsDistA=0   AbsDistB=3.72877625287803   FOverLA=2.5   FOverLB=2.5
   Frame=1429   LoadCase=sp   CoordSys=GLOBAL   Type=Force   Dir=Gravity   DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=2.07346950539971   FOverLA=0.5   FOverLB=0.5
   Frame=1429   LoadCase=vex   CoordSys=GLOBAL   Type=Force   Dir=X   DistType=RelDist   RelDistA=0
RelDistB=1   AbsDistA=0   AbsDistB=2.07346950539971   FOverLA=2.5   FOverLB=2.5
   Frame=1469   LoadCase=sp   CoordSys=GLOBAL   Type=Force   Dir=Gravity   DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=3.98730369288378   FOverLA=0.5   FOverLB=0.5
   Frame=1469   LoadCase=vex   CoordSys=GLOBAL   Type=Force   Dir=X   DistType=RelDist   RelDistA=0
RelDistB=1   AbsDistA=0   AbsDistB=3.98730369288378   FOverLA=2.5   FOverLB=2.5
   Frame=1470   LoadCase=sp   CoordSys=GLOBAL   Type=Force   Dir=Gravity   DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=4.00012936925815   FOverLA=0.5   FOverLB=0.5
   Frame=1470   LoadCase=vex   CoordSys=GLOBAL   Type=Force   Dir=X   DistType=RelDist   RelDistA=0
RelDistB=1   AbsDistA=0   AbsDistB=4.00012936925815   FOverLA=2.5   FOverLB=2.5
```

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   Frame=1471     LoadCase=sp     CoordSys=GLOBAL     Type=Force     Dir=Gravity     DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.793600000001236   FOverLA=0.5   FOverLB=0.5
   Frame=1471   LoadCase=vex   CoordSys=GLOBAL   Type=Force   Dir=X   DistType=RelDist   RelDistA=0
RelDistB=1   AbsDistA=0   AbsDistB=0.793600000001236   FOverLA=2.5   FOverLB=2.5
   Frame=1472     LoadCase=sp     CoordSys=GLOBAL     Type=Force     Dir=Gravity     DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=2.75767710538696   FOverLA=0.5   FOverLB=0.5
   Frame=1472   LoadCase=vex   CoordSys=GLOBAL   Type=Force   Dir=X   DistType=RelDist   RelDistA=0
RelDistB=1   AbsDistA=0   AbsDistB=2.75767710538696   FOverLA=2.5   FOverLB=2.5
   Frame=1500     LoadCase=sp     CoordSys=GLOBAL     Type=Force     Dir=Gravity     DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=4.14404235599671   FOverLA=0.5   FOverLB=0.5
   Frame=1500   LoadCase=vex   CoordSys=GLOBAL   Type=Force   Dir=X   DistType=RelDist   RelDistA=0
RelDistB=1   AbsDistA=0   AbsDistB=4.14404235599671   FOverLA=2.5   FOverLB=2.5
   Frame=1501     LoadCase=sp     CoordSys=GLOBAL     Type=Force     Dir=Gravity     DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=4.15426423966041   FOverLA=0.5   FOverLB=0.5
   Frame=1501   LoadCase=vex   CoordSys=GLOBAL   Type=Force   Dir=X   DistType=RelDist   RelDistA=0
RelDistB=1   AbsDistA=0   AbsDistB=4.15426423966041   FOverLA=2.5   FOverLB=2.5
   Frame=1502     LoadCase=sp     CoordSys=GLOBAL     Type=Force     Dir=Gravity     DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=4.07441543915557   FOverLA=0.5   FOverLB=0.5
   Frame=1502   LoadCase=vex   CoordSys=GLOBAL   Type=Force   Dir=X   DistType=RelDist   RelDistA=0
RelDistB=1   AbsDistA=0   AbsDistB=4.07441543915557   FOverLA=2.5   FOverLB=2.5
   Frame=1503     LoadCase=sp     CoordSys=GLOBAL     Type=Force     Dir=Gravity     DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=1.37953595486501   FOverLA=0.5   FOverLB=0.5
   Frame=1503   LoadCase=vex   CoordSys=GLOBAL   Type=Force   Dir=X   DistType=RelDist   RelDistA=0
RelDistB=1   AbsDistA=0   AbsDistB=1.37953595486501   FOverLA=2.5   FOverLB=2.5
   Frame=1504     LoadCase=sp     CoordSys=GLOBAL     Type=Force     Dir=Gravity     DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=4.08531118681378   FOverLA=0.5   FOverLB=0.5
   Frame=1504   LoadCase=vex   CoordSys=GLOBAL   Type=Force   Dir=X   DistType=RelDist   RelDistA=0
RelDistB=1   AbsDistA=0   AbsDistB=4.08531118681378   FOverLA=2.5   FOverLB=2.5
   Frame=1505     LoadCase=sp     CoordSys=GLOBAL     Type=Force     Dir=Gravity     DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=1.52114542560613   FOverLA=0.5   FOverLB=0.5
   Frame=1505   LoadCase=vex   CoordSys=GLOBAL   Type=Force   Dir=X   DistType=RelDist   RelDistA=0
RelDistB=1   AbsDistA=0   AbsDistB=1.52114542560613   FOverLA=2.5   FOverLB=2.5
   Frame=1506     LoadCase=sp     CoordSys=GLOBAL     Type=Force     Dir=Gravity     DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.793599999998759   FOverLA=0.5   FOverLB=0.5
   Frame=1506   LoadCase=vex   CoordSys=GLOBAL   Type=Force   Dir=X   DistType=RelDist   RelDistA=0
RelDistB=1   AbsDistA=0   AbsDistB=0.793599999998759   FOverLA=2.5   FOverLB=2.5
   Frame=1507     LoadCase=sp     CoordSys=GLOBAL     Type=Force     Dir=Gravity     DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=4.06211084945477   FOverLA=0.5   FOverLB=0.5
   Frame=1508     LoadCase=sp     CoordSys=GLOBAL     Type=Force     Dir=Gravity     DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=2.6541949073141   FOverLA=0.5   FOverLB=0.5
   Frame=1508   LoadCase=vex   CoordSys=GLOBAL   Type=Force   Dir=X   DistType=RelDist   RelDistA=0
RelDistB=1   AbsDistA=0   AbsDistB=2.6541949073141   FOverLA=2.5   FOverLB=2.5
   Frame=1509     LoadCase=sp     CoordSys=GLOBAL     Type=Force     Dir=Gravity     DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=2.52445411064274   FOverLA=0.5   FOverLB=0.5
   Frame=1509   LoadCase=vex   CoordSys=GLOBAL   Type=Force   Dir=X   DistType=RelDist   RelDistA=0
RelDistB=1   AbsDistA=0   AbsDistB=2.52445411064274   FOverLA=2.5   FOverLB=2.5
   Frame=1532     LoadCase=sp     CoordSys=GLOBAL     Type=Force     Dir=Gravity     DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=2.52445411064275   FOverLA=0.5   FOverLB=0.5
   Frame=1533     LoadCase=sp     CoordSys=GLOBAL     Type=Force     Dir=Gravity     DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=2.6541949073141   FOverLA=0.5   FOverLB=0.5
   Frame=1534     LoadCase=sp     CoordSys=GLOBAL     Type=Force     Dir=Gravity     DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=4.06211084945011   FOverLA=0.5   FOverLB=0.5
   Frame=1535     LoadCase=sp     CoordSys=GLOBAL     Type=Force     Dir=Gravity     DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.793599999998998   FOverLA=0.5   FOverLB=0.5
   Frame=1536     LoadCase=sp     CoordSys=GLOBAL     Type=Force     Dir=Gravity     DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=1.52114542558815   FOverLA=0.5   FOverLB=0.5
   Frame=1537     LoadCase=sp     CoordSys=GLOBAL     Type=Force     Dir=Gravity     DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=4.08531118683093   FOverLA=0.5   FOverLB=0.5
   Frame=1538     LoadCase=sp     CoordSys=GLOBAL     Type=Force     Dir=Gravity     DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=1.379535954865   FOverLA=0.5   FOverLB=0.5
   Frame=1539     LoadCase=sp     CoordSys=GLOBAL     Type=Force     Dir=Gravity     DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=4.07441543915558   FOverLA=0.5   FOverLB=0.5
   Frame=1540     LoadCase=sp     CoordSys=GLOBAL     Type=Force     Dir=Gravity     DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=4.1542642396604   FOverLA=0.5   FOverLB=0.5
   Frame=1541     LoadCase=sp     CoordSys=GLOBAL     Type=Force     Dir=Gravity     DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=4.14404235599671   FOverLA=0.5   FOverLB=0.5
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   Frame=1568     LoadCase=sp     CoordSys=GLOBAL     Type=Force     Dir=Gravity     DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=2.75767710538929   FOverLA=0.5   FOverLB=0.5
   Frame=1569     LoadCase=sp     CoordSys=GLOBAL     Type=Force     Dir=Gravity     DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.793599999998943   FOverLA=0.5   FOverLB=0.5
   Frame=1570     LoadCase=sp     CoordSys=GLOBAL     Type=Force     Dir=Gravity     DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=4.00012936925777   FOverLA=0.5   FOverLB=0.5
   Frame=1571     LoadCase=sp     CoordSys=GLOBAL     Type=Force     Dir=Gravity     DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=3.98730369288379   FOverLA=0.5   FOverLB=0.5
   Frame=1611     LoadCase=sp     CoordSys=GLOBAL     Type=Force     Dir=Gravity     DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=2.07346950539971   FOverLA=0.5   FOverLB=0.5
   Frame=1612     LoadCase=sp     CoordSys=GLOBAL     Type=Force     Dir=Gravity     DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=3.72877625287802   FOverLA=0.5   FOverLB=0.5
   Frame=1613     LoadCase=sp     CoordSys=GLOBAL     Type=Force     Dir=Gravity     DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.430905752460909   FOverLA=0.5   FOverLB=0.5
   Frame=1614     LoadCase=sp     CoordSys=GLOBAL     Type=Force     Dir=Gravity     DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.362551492580839   FOverLA=0.5   FOverLB=0.5
   Frame=1615     LoadCase=sp     CoordSys=GLOBAL     Type=Force     Dir=Gravity     DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=4.05729296085084   FOverLA=0.5   FOverLB=0.5
   Frame=1616     LoadCase=sp     CoordSys=GLOBAL     Type=Force     Dir=Gravity     DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=4.04384601641474   FOverLA=0.5   FOverLB=0.5
   Frame=1666     LoadCase=sp     CoordSys=GLOBAL     Type=Force     Dir=Gravity     DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=1.20114753079832   FOverLA=0.5   FOverLB=0.5
   Frame=1667     LoadCase=sp     CoordSys=GLOBAL     Type=Force     Dir=Gravity     DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=3.73515125838511   FOverLA=0.5   FOverLB=0.5
   Frame=1668     LoadCase=sp     CoordSys=GLOBAL     Type=Force     Dir=Gravity     DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=4.29940995591767   FOverLA=0.5   FOverLB=0.5
   Frame=1684     LoadCase=sp     CoordSys=GLOBAL     Type=Force     Dir=Gravity     DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.784924530926225   FOverLA=0.5   FOverLB=0.5
   Frame=1685     LoadCase=sp     CoordSys=GLOBAL     Type=Force     Dir=Gravity     DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.620387913774437   FOverLA=0.5   FOverLB=0.5
   Frame=1686     LoadCase=sp     CoordSys=GLOBAL     Type=Force     Dir=Gravity     DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=3.72724700655325   FOverLA=0.5   FOverLB=0.5
   Frame=1687     LoadCase=sp     CoordSys=GLOBAL     Type=Force     Dir=Gravity     DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=3.49056421969749   FOverLA=0.5   FOverLB=0.5
   Frame=1710     LoadCase=sp     CoordSys=GLOBAL     Type=Force     Dir=Gravity     DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.448947213214126   FOverLA=0.5   FOverLB=0.5
   Frame=1711     LoadCase=sp     CoordSys=GLOBAL     Type=Force     Dir=Gravity     DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=3.99220596822146   FOverLA=0.5   FOverLB=0.5
   Frame=1713     LoadCase=sp     CoordSys=GLOBAL     Type=Force     Dir=Gravity     DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.359917759122311   FOverLA=0.5   FOverLB=0.5
   Frame=1714     LoadCase=sp     CoordSys=GLOBAL     Type=Force     Dir=Gravity     DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=2.26014680306728   FOverLA=0.5   FOverLB=0.5
   Frame=1715     LoadCase=sp     CoordSys=GLOBAL     Type=Force     Dir=Gravity     DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=3.98841125489758   FOverLA=0.5   FOverLB=0.5
   Frame=1727     LoadCase=sp     CoordSys=GLOBAL     Type=Force     Dir=Gravity     DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=2.52445411064274   FOverLA=0.5   FOverLB=0.5
   Frame=1727   LoadCase=vex   CoordSys=GLOBAL   Type=Force   Dir=X   DistType=RelDist   RelDistA=0
RelDistB=1   AbsDistA=0   AbsDistB=2.52445411064274   FOverLA=2.5   FOverLB=2.5
   Frame=1728     LoadCase=sp     CoordSys=GLOBAL     Type=Force     Dir=Gravity     DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=2.6541949073141   FOverLA=0.5   FOverLB=0.5
   Frame=1728   LoadCase=vey   CoordSys=GLOBAL   Type=Force   Dir=Y   DistType=RelDist   RelDistA=0
RelDistB=1   AbsDistA=0   AbsDistB=2.6541949073141   FOverLA=2.5   FOverLB=2.5
   Frame=1728   LoadCase=vex   CoordSys=GLOBAL   Type=Force   Dir=X   DistType=RelDist   RelDistA=0
RelDistB=1   AbsDistA=0   AbsDistB=2.6541949073141   FOverLA=2.5   FOverLB=2.5
   Frame=1729     LoadCase=sp     CoordSys=GLOBAL     Type=Force     Dir=Gravity     DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=4.06211084944897   FOverLA=0.5   FOverLB=0.5
   Frame=1730     LoadCase=sp     CoordSys=GLOBAL     Type=Force     Dir=Gravity     DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.793599999998995   FOverLA=0.5   FOverLB=0.5
   Frame=1730   LoadCase=vex   CoordSys=GLOBAL   Type=Force   Dir=X   DistType=RelDist   RelDistA=0
RelDistB=1   AbsDistA=0   AbsDistB=0.793599999998995   FOverLA=2.5   FOverLB=2.5
   Frame=1731     LoadCase=sp     CoordSys=GLOBAL     Type=Force     Dir=Gravity     DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=1.52114542558815   FOverLA=0.5   FOverLB=0.5
   Frame=1731   LoadCase=vex   CoordSys=GLOBAL   Type=Force   Dir=X   DistType=RelDist   RelDistA=0
RelDistB=1   AbsDistA=0   AbsDistB=1.52114542558815   FOverLA=2.5   FOverLB=2.5
   Frame=1732     LoadCase=sp     CoordSys=GLOBAL     Type=Force     Dir=Gravity     DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=4.08531118683093   FOverLA=0.5   FOverLB=0.5
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   Frame=1732   LoadCase=vex   CoordSys=GLOBAL   Type=Force   Dir=X   DistType=RelDist   RelDistA=0
RelDistB=1   AbsDistA=0   AbsDistB=4.08531118683093   FOverLA=2.5   FOverLB=2.5
   Frame=1733    LoadCase=sp    CoordSys=GLOBAL    Type=Force    Dir=Gravity    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=1.37953595486501   FOverLA=0.5   FOverLB=0.5
   Frame=1733   LoadCase=vey   CoordSys=GLOBAL   Type=Force   Dir=Y   DistType=RelDist   RelDistA=0
RelDistB=1   AbsDistA=0   AbsDistB=1.37953595486501   FOverLA=2.5   FOverLB=2.5
   Frame=1733   LoadCase=vex   CoordSys=GLOBAL   Type=Force   Dir=X   DistType=RelDist   RelDistA=0
RelDistB=1   AbsDistA=0   AbsDistB=1.37953595486501   FOverLA=2.5   FOverLB=2.5
   Frame=1734    LoadCase=sp    CoordSys=GLOBAL    Type=Force    Dir=Gravity    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=4.07441543915557   FOverLA=0.5   FOverLB=0.5
   Frame=1734   LoadCase=vey   CoordSys=GLOBAL   Type=Force   Dir=Y   DistType=RelDist   RelDistA=0
RelDistB=1   AbsDistA=0   AbsDistB=4.07441543915557   FOverLA=2.5   FOverLB=2.5
   Frame=1734   LoadCase=vex   CoordSys=GLOBAL   Type=Force   Dir=X   DistType=RelDist   RelDistA=0
RelDistB=1   AbsDistA=0   AbsDistB=4.07441543915557   FOverLA=2.5   FOverLB=2.5
   Frame=1735    LoadCase=sp    CoordSys=GLOBAL    Type=Force    Dir=Gravity    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=4.15426423966041   FOverLA=0.5   FOverLB=0.5
   Frame=1735   LoadCase=vex   CoordSys=GLOBAL   Type=Force   Dir=X   DistType=RelDist   RelDistA=0
RelDistB=1   AbsDistA=0   AbsDistB=4.15426423966041   FOverLA=2.5   FOverLB=2.5
   Frame=1736    LoadCase=sp    CoordSys=GLOBAL    Type=Force    Dir=Gravity    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=4.14404235599671   FOverLA=0.5   FOverLB=0.5
   Frame=1736   LoadCase=vey   CoordSys=GLOBAL   Type=Force   Dir=Y   DistType=RelDist   RelDistA=0
RelDistB=1   AbsDistA=0   AbsDistB=4.14404235599671   FOverLA=2.5   FOverLB=2.5
   Frame=1736   LoadCase=vex   CoordSys=GLOBAL   Type=Force   Dir=X   DistType=RelDist   RelDistA=0
RelDistB=1   AbsDistA=0   AbsDistB=4.14404235599671   FOverLA=2.5   FOverLB=2.5
   Frame=1770   LoadCase=vey   CoordSys=GLOBAL   Type=Force   Dir=Y   DistType=RelDist   RelDistA=0
RelDistB=1   AbsDistA=0   AbsDistB=6.78039211455377   FOverLA=10   FOverLB=10
   Frame=1771    LoadCase=sp    CoordSys=GLOBAL    Type=Force    Dir=Gravity    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=2.75767710489225   FOverLA=0.5   FOverLB=0.5
   Frame=1771   LoadCase=vex   CoordSys=GLOBAL   Type=Force   Dir=X   DistType=RelDist   RelDistA=0
RelDistB=1   AbsDistA=0   AbsDistB=2.75767710489225   FOverLA=2.5   FOverLB=2.5
   Frame=1772    LoadCase=sp    CoordSys=GLOBAL    Type=Force    Dir=Gravity    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.793599999998939   FOverLA=0.5   FOverLB=0.5
   Frame=1772   LoadCase=vex   CoordSys=GLOBAL   Type=Force   Dir=X   DistType=RelDist   RelDistA=0
RelDistB=1   AbsDistA=0   AbsDistB=0.793599999998939   FOverLA=2.5   FOverLB=2.5
   Frame=1773    LoadCase=sp    CoordSys=GLOBAL    Type=Force    Dir=Gravity    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=4.00012936925778   FOverLA=0.5   FOverLB=0.5
   Frame=1773   LoadCase=vex   CoordSys=GLOBAL   Type=Force   Dir=X   DistType=RelDist   RelDistA=0
RelDistB=1   AbsDistA=0   AbsDistB=4.00012936925778   FOverLA=2.5   FOverLB=2.5
   Frame=1774    LoadCase=sp    CoordSys=GLOBAL    Type=Force    Dir=Gravity    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=3.98730369288378   FOverLA=0.5   FOverLB=0.5
   Frame=1774   LoadCase=vey   CoordSys=GLOBAL   Type=Force   Dir=Y   DistType=RelDist   RelDistA=0
RelDistB=1   AbsDistA=0   AbsDistB=3.98730369288378   FOverLA=2.5   FOverLB=2.5
   Frame=1774   LoadCase=vex   CoordSys=GLOBAL   Type=Force   Dir=X   DistType=RelDist   RelDistA=0
RelDistB=1   AbsDistA=0   AbsDistB=3.98730369288378   FOverLA=2.5   FOverLB=2.5
   Frame=1816   LoadCase=vey   CoordSys=GLOBAL   Type=Force   Dir=Y   DistType=RelDist   RelDistA=0
RelDistB=1   AbsDistA=0   AbsDistB=2.38945358775853   FOverLA=10   FOverLB=10
   Frame=1817   LoadCase=vey   CoordSys=GLOBAL   Type=Force   Dir=Y   DistType=RelDist   RelDistA=0
RelDistB=1   AbsDistA=0   AbsDistB=1.51962690405699   FOverLA=10   FOverLB=10
   Frame=1818   LoadCase=vey   CoordSys=GLOBAL   Type=Force   Dir=Y   DistType=RelDist   RelDistA=0
RelDistB=1   AbsDistA=0   AbsDistB=4.03573789692128   FOverLA=10   FOverLB=10
   Frame=1819    LoadCase=sp    CoordSys=GLOBAL    Type=Force    Dir=Gravity    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=2.07346950536368   FOverLA=0.5   FOverLB=0.5
   Frame=1819   LoadCase=vex   CoordSys=GLOBAL   Type=Force   Dir=X   DistType=RelDist   RelDistA=0
RelDistB=1   AbsDistA=0   AbsDistB=2.07346950536368   FOverLA=2.5   FOverLB=2.5
   Frame=1820    LoadCase=sp    CoordSys=GLOBAL    Type=Force    Dir=Gravity    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=3.72877625287803   FOverLA=0.5   FOverLB=0.5
   Frame=1820   LoadCase=vey   CoordSys=GLOBAL   Type=Force   Dir=Y   DistType=RelDist   RelDistA=0
RelDistB=1   AbsDistA=0   AbsDistB=3.72877625287803   FOverLA=2.5   FOverLB=2.5
   Frame=1820   LoadCase=vex   CoordSys=GLOBAL   Type=Force   Dir=X   DistType=RelDist   RelDistA=0
RelDistB=1   AbsDistA=0   AbsDistB=3.72877625287803   FOverLA=2.5   FOverLB=2.5
   Frame=1821    LoadCase=sp    CoordSys=GLOBAL    Type=Force    Dir=Gravity    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.43090575246091   FOverLA=0.5   FOverLB=0.5
   Frame=1822    LoadCase=sp    CoordSys=GLOBAL    Type=Force    Dir=Gravity    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.362551492580838   FOverLA=0.5   FOverLB=0.5
   Frame=1822   LoadCase=vex   CoordSys=GLOBAL   Type=Force   Dir=X   DistType=RelDist   RelDistA=0
RelDistB=1   AbsDistA=0   AbsDistB=0.362551492580838   FOverLA=2.5   FOverLB=2.5
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   Frame=1823     LoadCase=sp     CoordSys=GLOBAL     Type=Force     Dir=Gravity     DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=4.05729296085083   FOverLA=0.5   FOverLB=0.5
   Frame=1823   LoadCase=vex   CoordSys=GLOBAL   Type=Force   Dir=X   DistType=RelDist   RelDistA=0
RelDistB=1   AbsDistA=0   AbsDistB=4.05729296085083   FOverLA=2.5   FOverLB=2.5
   Frame=1824     LoadCase=sp     CoordSys=GLOBAL     Type=Force     Dir=Gravity     DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=4.04384601641474   FOverLA=0.5   FOverLB=0.5
   Frame=1824   LoadCase=vey   CoordSys=GLOBAL   Type=Force   Dir=Y   DistType=RelDist   RelDistA=0
RelDistB=1   AbsDistA=0   AbsDistB=4.04384601641474   FOverLA=2.5   FOverLB=2.5
   Frame=1824   LoadCase=vex   CoordSys=GLOBAL   Type=Force   Dir=X   DistType=RelDist   RelDistA=0
RelDistB=1   AbsDistA=0   AbsDistB=4.04384601641474   FOverLA=2.5   FOverLB=2.5
   Frame=1879   LoadCase=vey   CoordSys=GLOBAL   Type=Force   Dir=Y   DistType=RelDist   RelDistA=0
RelDistB=1   AbsDistA=0   AbsDistB=2.2161576817994   FOverLA=10   FOverLB=10
   Frame=1880   LoadCase=vey   CoordSys=GLOBAL   Type=Force   Dir=Y   DistType=RelDist   RelDistA=0
RelDistB=1   AbsDistA=0   AbsDistB=1.42519210297822   FOverLA=10   FOverLB=10
   Frame=1881   LoadCase=vey   CoordSys=GLOBAL   Type=Force   Dir=Y   DistType=RelDist   RelDistA=0
RelDistB=1   AbsDistA=0   AbsDistB=3.90030992846441   FOverLA=10   FOverLB=10
   Frame=1882   LoadCase=vey   CoordSys=GLOBAL   Type=Force   Dir=Y   DistType=RelDist   RelDistA=0
RelDistB=1   AbsDistA=0   AbsDistB=3.61287915649874   FOverLA=10   FOverLB=10
   Frame=1883     LoadCase=sp     CoordSys=GLOBAL     Type=Force     Dir=Gravity     DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=1.20114753084141   FOverLA=0.5   FOverLB=0.5
   Frame=1883   LoadCase=vex   CoordSys=GLOBAL   Type=Force   Dir=X   DistType=RelDist   RelDistA=0
RelDistB=1   AbsDistA=0   AbsDistB=1.20114753084141   FOverLA=2.5   FOverLB=2.5
   Frame=1884     LoadCase=sp     CoordSys=GLOBAL     Type=Force     Dir=Gravity     DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=3.7351512583851   FOverLA=0.5   FOverLB=0.5
   Frame=1884   LoadCase=vey   CoordSys=GLOBAL   Type=Force   Dir=Y   DistType=RelDist   RelDistA=0
RelDistB=1   AbsDistA=0   AbsDistB=3.7351512583851   FOverLA=2.5   FOverLB=2.5
   Frame=1884   LoadCase=vex   CoordSys=GLOBAL   Type=Force   Dir=X   DistType=RelDist   RelDistA=0
RelDistB=1   AbsDistA=0   AbsDistB=3.7351512583851   FOverLA=2.5   FOverLB=2.5
   Frame=1885     LoadCase=sp     CoordSys=GLOBAL     Type=Force     Dir=Gravity     DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=4.29940995591767   FOverLA=0.5   FOverLB=0.5
   Frame=1885   LoadCase=vey   CoordSys=GLOBAL   Type=Force   Dir=Y   DistType=RelDist   RelDistA=0
RelDistB=1   AbsDistA=0   AbsDistB=4.29940995591767   FOverLA=2.5   FOverLB=2.5
   Frame=1885   LoadCase=vex   CoordSys=GLOBAL   Type=Force   Dir=X   DistType=RelDist   RelDistA=0
RelDistB=1   AbsDistA=0   AbsDistB=4.29940995591767   FOverLA=2.5   FOverLB=2.5
   Frame=1895   LoadCase=vey   CoordSys=GLOBAL   Type=Force   Dir=Y   DistType=RelDist   RelDistA=0
RelDistB=1   AbsDistA=0   AbsDistB=0.486344742550586   FOverLA=10   FOverLB=10
   Frame=1896   LoadCase=vey   CoordSys=GLOBAL   Type=Force   Dir=Y   DistType=RelDist   RelDistA=0
RelDistB=1   AbsDistA=0   AbsDistB=3.10073917568201   FOverLA=10   FOverLB=10
   Frame=1897     LoadCase=sp     CoordSys=GLOBAL     Type=Force     Dir=Gravity     DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=3.98841125490519   FOverLA=0.5   FOverLB=0.5
   Frame=1897   LoadCase=vey   CoordSys=GLOBAL   Type=Force   Dir=Y   DistType=RelDist   RelDistA=0
RelDistB=1   AbsDistA=0   AbsDistB=3.98841125490519   FOverLA=2.5   FOverLB=2.5
   Frame=1898     LoadCase=sp     CoordSys=GLOBAL     Type=Force     Dir=Gravity     DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=2.26014680306261   FOverLA=0.5   FOverLB=0.5
   Frame=1898   LoadCase=vey   CoordSys=GLOBAL   Type=Force   Dir=Y   DistType=RelDist   RelDistA=0
RelDistB=1   AbsDistA=0   AbsDistB=2.26014680306261   FOverLA=2.5   FOverLB=2.5
   Frame=1899     LoadCase=sp     CoordSys=GLOBAL     Type=Force     Dir=Gravity     DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.359917759152609   FOverLA=0.5   FOverLB=0.5
   Frame=1901     LoadCase=sp     CoordSys=GLOBAL     Type=Force     Dir=Gravity     DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=3.99220596822145   FOverLA=0.5   FOverLB=0.5
   Frame=1901   LoadCase=vey   CoordSys=GLOBAL   Type=Force   Dir=Y   DistType=RelDist   RelDistA=0
RelDistB=1   AbsDistA=0   AbsDistB=3.99220596822145   FOverLA=2.5   FOverLB=2.5
   Frame=1902     LoadCase=sp     CoordSys=GLOBAL     Type=Force     Dir=Gravity     DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.448947212127962   FOverLA=0.5   FOverLB=0.5
   Frame=1903   LoadCase=vey   CoordSys=GLOBAL   Type=Force   Dir=Y   DistType=RelDist   RelDistA=0
RelDistB=1   AbsDistA=0   AbsDistB=1.75913301570432   FOverLA=10   FOverLB=10
   Frame=1931     LoadCase=sp     CoordSys=GLOBAL     Type=Force     Dir=Gravity     DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=3.49056421969749   FOverLA=0.5   FOverLB=0.5
   Frame=1931   LoadCase=vey   CoordSys=GLOBAL   Type=Force   Dir=Y   DistType=RelDist   RelDistA=0
RelDistB=1   AbsDistA=0   AbsDistB=3.49056421969749   FOverLA=2.5   FOverLB=2.5
   Frame=1932     LoadCase=sp     CoordSys=GLOBAL     Type=Force     Dir=Gravity     DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=3.72724700655326   FOverLA=0.5   FOverLB=0.5
   Frame=1932   LoadCase=vey   CoordSys=GLOBAL   Type=Force   Dir=Y   DistType=RelDist   RelDistA=0
RelDistB=1   AbsDistA=0   AbsDistB=3.72724700655326   FOverLA=2.5   FOverLB=2.5
   Frame=1933     LoadCase=sp     CoordSys=GLOBAL     Type=Force     Dir=Gravity     DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.620387912776835   FOverLA=0.5   FOverLB=0.5
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   Frame=1934     LoadCase=sp     CoordSys=GLOBAL     Type=Force     Dir=Gravity     DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.784924530926225   FOverLA=0.5   FOverLB=0.5
   Frame=1934   LoadCase=vey   CoordSys=GLOBAL   Type=Force   Dir=Y   DistType=RelDist   RelDistA=0
RelDistB=1   AbsDistA=0   AbsDistB=0.784924530926225   FOverLA=2.5   FOverLB=2.5
   Frame=1935   LoadCase=vey   CoordSys=GLOBAL   Type=Force   Dir=Y   DistType=RelDist   RelDistA=0
RelDistB=1   AbsDistA=0   AbsDistB=3.10073917568199   FOverLA=10   FOverLB=10
   Frame=1936   LoadCase=vey   CoordSys=GLOBAL   Type=Force   Dir=Y   DistType=RelDist   RelDistA=0
RelDistB=1   AbsDistA=0   AbsDistB=0.486344742550603   FOverLA=10   FOverLB=10
   Frame=1937   LoadCase=vey   CoordSys=GLOBAL   Type=Force   Dir=Y   DistType=RelDist   RelDistA=0
RelDistB=1   AbsDistA=0   AbsDistB=3.54827613446281   FOverLA=10   FOverLB=10
   Frame=1938   LoadCase=vey   CoordSys=GLOBAL   Type=Force   Dir=Y   DistType=RelDist   RelDistA=0
RelDistB=1   AbsDistA=0   AbsDistB=1.94747019763034   FOverLA=10   FOverLB=10
   Frame=1939   LoadCase=vey   CoordSys=GLOBAL   Type=Force   Dir=Y   DistType=RelDist   RelDistA=0
RelDistB=1   AbsDistA=0   AbsDistB=1.57812400306436   FOverLA=10   FOverLB=10
   Frame=1950     LoadCase=sp     CoordSys=GLOBAL     Type=Force     Dir=Gravity     DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=1.20114753084141   FOverLA=0.5   FOverLB=0.5
   Frame=1951   LoadCase=vey   CoordSys=GLOBAL   Type=Force   Dir=Y   DistType=RelDist   RelDistA=0
RelDistB=1   AbsDistA=0   AbsDistB=3.61287915649874   FOverLA=10   FOverLB=10
   Frame=1952   LoadCase=vey   CoordSys=GLOBAL   Type=Force   Dir=Y   DistType=RelDist   RelDistA=0
RelDistB=1   AbsDistA=0   AbsDistB=3.90030992846441   FOverLA=10   FOverLB=10
   Frame=1953   LoadCase=vey   CoordSys=GLOBAL   Type=Force   Dir=Y   DistType=RelDist   RelDistA=0
RelDistB=1   AbsDistA=0   AbsDistB=1.42519210297823   FOverLA=10   FOverLB=10
   Frame=1954   LoadCase=vey   CoordSys=GLOBAL   Type=Force   Dir=Y   DistType=RelDist   RelDistA=0
RelDistB=1   AbsDistA=0   AbsDistB=2.21615768179942   FOverLA=10   FOverLB=10
   Frame=2004   LoadCase=vey   CoordSys=GLOBAL   Type=Force   Dir=Y   DistType=RelDist   RelDistA=0
RelDistB=1   AbsDistA=0   AbsDistB=1.519626904057   FOverLA=10   FOverLB=10
   Frame=2005   LoadCase=vey   CoordSys=GLOBAL   Type=Force   Dir=Y   DistType=RelDist   RelDistA=0
RelDistB=1   AbsDistA=0   AbsDistB=2.38945358775851   FOverLA=10   FOverLB=10
   Frame=2082   LoadCase=vey   CoordSys=GLOBAL   Type=Force   Dir=Y   DistType=RelDist   RelDistA=0
RelDistB=1   AbsDistA=0   AbsDistB=1.75913301570433   FOverLA=10   FOverLB=10
   Frame=2083   LoadCase=vey   CoordSys=GLOBAL   Type=Force   Dir=Y   DistType=RelDist   RelDistA=0
RelDistB=1   AbsDistA=0   AbsDistB=1.57812400306436   FOverLA=10   FOverLB=10
   Frame=2084   LoadCase=vey   CoordSys=GLOBAL   Type=Force   Dir=Y   DistType=RelDist   RelDistA=0
RelDistB=1   AbsDistA=0   AbsDistB=1.94747019763033   FOverLA=10   FOverLB=10
   Frame=2085   LoadCase=vey   CoordSys=GLOBAL   Type=Force   Dir=Y   DistType=RelDist   RelDistA=0
RelDistB=1   AbsDistA=0   AbsDistB=3.54827613446283   FOverLA=10   FOverLB=10
   Frame=2086     LoadCase=sp     CoordSys=GLOBAL     Type=Force     Dir=Gravity     DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.784924530926215   FOverLA=0.5   FOverLB=0.5
   Frame=2086   LoadCase=vey   CoordSys=GLOBAL   Type=Force   Dir=Y   DistType=RelDist   RelDistA=0
RelDistB=1   AbsDistA=0   AbsDistB=0.784924530926215   FOverLA=2.5   FOverLB=2.5
   Frame=2086   LoadCase=vex   CoordSys=GLOBAL   Type=Force   Dir=X   DistType=RelDist   RelDistA=0
RelDistB=1   AbsDistA=0   AbsDistB=0.784924530926215   FOverLA=2.5   FOverLB=2.5
   Frame=2087     LoadCase=sp     CoordSys=GLOBAL     Type=Force     Dir=Gravity     DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.448947212127962   FOverLA=0.5   FOverLB=0.5
   Frame=2087   LoadCase=vex   CoordSys=GLOBAL   Type=Force   Dir=X   DistType=RelDist   RelDistA=0
RelDistB=1   AbsDistA=0   AbsDistB=0.448947212127962   FOverLA=2.5   FOverLB=2.5
   Frame=2088     LoadCase=sp     CoordSys=GLOBAL     Type=Force     Dir=Gravity     DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.620387912776835   FOverLA=0.5   FOverLB=0.5
   Frame=2088   LoadCase=vex   CoordSys=GLOBAL   Type=Force   Dir=X   DistType=RelDist   RelDistA=0
RelDistB=1   AbsDistA=0   AbsDistB=0.620387912776835   FOverLA=2.5   FOverLB=2.5
   Frame=2089     LoadCase=sp     CoordSys=GLOBAL     Type=Force     Dir=Gravity     DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=3.99220596822146   FOverLA=0.5   FOverLB=0.5
   Frame=2089   LoadCase=vey   CoordSys=GLOBAL   Type=Force   Dir=Y   DistType=RelDist   RelDistA=0
RelDistB=1   AbsDistA=0   AbsDistB=3.99220596822146   FOverLA=2.5   FOverLB=2.5
   Frame=2089   LoadCase=vex   CoordSys=GLOBAL   Type=Force   Dir=X   DistType=RelDist   RelDistA=0
RelDistB=1   AbsDistA=0   AbsDistB=3.99220596822146   FOverLA=2.5   FOverLB=2.5
   Frame=2090     LoadCase=sp     CoordSys=GLOBAL     Type=Force     Dir=Gravity     DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=3.72724700655327   FOverLA=0.5   FOverLB=0.5
   Frame=2090   LoadCase=vey   CoordSys=GLOBAL   Type=Force   Dir=Y   DistType=RelDist   RelDistA=0
RelDistB=1   AbsDistA=0   AbsDistB=3.72724700655327   FOverLA=2.5   FOverLB=2.5
   Frame=2090   LoadCase=vex   CoordSys=GLOBAL   Type=Force   Dir=X   DistType=RelDist   RelDistA=0
RelDistB=1   AbsDistA=0   AbsDistB=3.72724700655327   FOverLA=2.5   FOverLB=2.5
   Frame=2091     LoadCase=sp     CoordSys=GLOBAL     Type=Force     Dir=Gravity     DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=3.4905642196975   FOverLA=0.5   FOverLB=0.5
   Frame=2091   LoadCase=vey   CoordSys=GLOBAL   Type=Force   Dir=Y   DistType=RelDist   RelDistA=0
RelDistB=1   AbsDistA=0   AbsDistB=3.4905642196975   FOverLA=2.5   FOverLB=2.5
```

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   Frame=2091   LoadCase=vex   CoordSys=GLOBAL   Type=Force   Dir=X   DistType=RelDist   RelDistA=0
RelDistB=1   AbsDistA=0   AbsDistB=3.4905642196975   FOverLA=2.5   FOverLB=2.5
   Frame=2093    LoadCase=sp    CoordSys=GLOBAL    Type=Force    Dir=Gravity    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.359917759330699   FOverLA=0.5   FOverLB=0.5
   Frame=2093   LoadCase=vex   CoordSys=GLOBAL   Type=Force   Dir=X   DistType=RelDist   RelDistA=0
RelDistB=1   AbsDistA=0   AbsDistB=0.359917759330699   FOverLA=2.5   FOverLB=2.5
   Frame=2094    LoadCase=sp    CoordSys=GLOBAL    Type=Force    Dir=Gravity    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=2.26014680306728   FOverLA=0.5   FOverLB=0.5
   Frame=2094   LoadCase=vey   CoordSys=GLOBAL   Type=Force   Dir=Y   DistType=RelDist   RelDistA=0
RelDistB=1   AbsDistA=0   AbsDistB=2.26014680306728   FOverLA=2.5   FOverLB=2.5
   Frame=2094   LoadCase=vex   CoordSys=GLOBAL   Type=Force   Dir=X   DistType=RelDist   RelDistA=0
RelDistB=1   AbsDistA=0   AbsDistB=2.26014680306728   FOverLA=2.5   FOverLB=2.5
   Frame=2095    LoadCase=sp    CoordSys=GLOBAL    Type=Force    Dir=Gravity    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=3.98841125489758   FOverLA=0.5   FOverLB=0.5
   Frame=2095   LoadCase=vey   CoordSys=GLOBAL   Type=Force   Dir=Y   DistType=RelDist   RelDistA=0
RelDistB=1   AbsDistA=0   AbsDistB=3.98841125489758   FOverLA=2.5   FOverLB=2.5
   Frame=2095   LoadCase=vex   CoordSys=GLOBAL   Type=Force   Dir=X   DistType=RelDist   RelDistA=0
RelDistB=1   AbsDistA=0   AbsDistB=3.98841125489758   FOverLA=2.5   FOverLB=2.5
   Frame=2096    LoadCase=sp    CoordSys=GLOBAL    Type=Force    Dir=Gravity    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=4.29940995591767   FOverLA=0.5   FOverLB=0.5
   Frame=2096   LoadCase=vey   CoordSys=GLOBAL   Type=Force   Dir=Y   DistType=RelDist   RelDistA=0
RelDistB=1   AbsDistA=0   AbsDistB=4.29940995591767   FOverLA=2.5   FOverLB=2.5
   Frame=2097    LoadCase=sp    CoordSys=GLOBAL    Type=Force    Dir=Gravity    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=3.73515125838511   FOverLA=0.5   FOverLB=0.5
   Frame=2097   LoadCase=vey   CoordSys=GLOBAL   Type=Force   Dir=Y   DistType=RelDist   RelDistA=0
RelDistB=1   AbsDistA=0   AbsDistB=3.73515125838511   FOverLA=2.5   FOverLB=2.5
   Frame=2099    LoadCase=sp    CoordSys=GLOBAL    Type=Force    Dir=Gravity    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=4.04384601641474   FOverLA=0.5   FOverLB=0.5
   Frame=2099   LoadCase=vey   CoordSys=GLOBAL   Type=Force   Dir=Y   DistType=RelDist   RelDistA=0
RelDistB=1   AbsDistA=0   AbsDistB=4.04384601641474   FOverLA=2.5   FOverLB=2.5
   Frame=2100    LoadCase=sp    CoordSys=GLOBAL    Type=Force    Dir=Gravity    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=4.05729296084972   FOverLA=0.5   FOverLB=0.5
   Frame=2101    LoadCase=sp    CoordSys=GLOBAL    Type=Force    Dir=Gravity    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.362551492580976   FOverLA=0.5   FOverLB=0.5
   Frame=2102    LoadCase=sp    CoordSys=GLOBAL    Type=Force    Dir=Gravity    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.43090575246091   FOverLA=0.5   FOverLB=0.5
   Frame=2103    LoadCase=sp    CoordSys=GLOBAL    Type=Force    Dir=Gravity    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=3.72877625287802   FOverLA=0.5   FOverLB=0.5
   Frame=2103   LoadCase=vey   CoordSys=GLOBAL   Type=Force   Dir=Y   DistType=RelDist   RelDistA=0
RelDistB=1   AbsDistA=0   AbsDistB=3.72877625287802   FOverLA=2.5   FOverLB=2.5
   Frame=2104    LoadCase=sp    CoordSys=GLOBAL    Type=Force    Dir=Gravity    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=2.07346950536368   FOverLA=0.5   FOverLB=0.5
   Frame=2105   LoadCase=vey   CoordSys=GLOBAL   Type=Force   Dir=Y   DistType=RelDist   RelDistA=0
RelDistB=1   AbsDistA=0   AbsDistB=4.03573789692219   FOverLA=10   FOverLB=10
   Frame=2108    LoadCase=sp    CoordSys=GLOBAL    Type=Force    Dir=Gravity    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=3.98730369288379   FOverLA=0.5   FOverLB=0.5
   Frame=2108   LoadCase=vey   CoordSys=GLOBAL   Type=Force   Dir=Y   DistType=RelDist   RelDistA=0
RelDistB=1   AbsDistA=0   AbsDistB=3.98730369288379   FOverLA=2.5   FOverLB=2.5
   Frame=2109    LoadCase=sp    CoordSys=GLOBAL    Type=Force    Dir=Gravity    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=4.00012936925814   FOverLA=0.5   FOverLB=0.5
   Frame=2110    LoadCase=sp    CoordSys=GLOBAL    Type=Force    Dir=Gravity    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.793600000001239   FOverLA=0.5   FOverLB=0.5
   Frame=2111    LoadCase=sp    CoordSys=GLOBAL    Type=Force    Dir=Gravity    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=2.75767710488992   FOverLA=0.5   FOverLB=0.5
   Frame=2112   LoadCase=vey   CoordSys=GLOBAL   Type=Force   Dir=Y   DistType=RelDist   RelDistA=0
RelDistB=1   AbsDistA=0   AbsDistB=6.78039211455288   FOverLA=10   FOverLB=10
   Frame=2133    LoadCase=sp    CoordSys=GLOBAL    Type=Force    Dir=Gravity    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=4.14404235599671   FOverLA=0.5   FOverLB=0.5
   Frame=2133   LoadCase=vey   CoordSys=GLOBAL   Type=Force   Dir=Y   DistType=RelDist   RelDistA=0
RelDistB=1   AbsDistA=0   AbsDistB=4.14404235599671   FOverLA=2.5   FOverLB=2.5
   Frame=2134    LoadCase=sp    CoordSys=GLOBAL    Type=Force    Dir=Gravity    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=4.1542642396604   FOverLA=0.5   FOverLB=0.5
   Frame=2135    LoadCase=sp    CoordSys=GLOBAL    Type=Force    Dir=Gravity    DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=4.07441543915558   FOverLA=0.5   FOverLB=0.5
   Frame=2135   LoadCase=vey   CoordSys=GLOBAL   Type=Force   Dir=Y   DistType=RelDist   RelDistA=0
RelDistB=1   AbsDistA=0   AbsDistB=4.07441543915558   FOverLA=2.5   FOverLB=2.5
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   Frame=2136     LoadCase=sp     CoordSys=GLOBAL     Type=Force     Dir=Gravity     DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=1.379535954865   FOverLA=0.5   FOverLB=0.5
   Frame=2136   LoadCase=vey   CoordSys=GLOBAL   Type=Force   Dir=Y   DistType=RelDist   RelDistA=0
RelDistB=1   AbsDistA=0   AbsDistB=1.379535954865   FOverLA=2.5   FOverLB=2.5
   Frame=2137     LoadCase=sp     CoordSys=GLOBAL     Type=Force     Dir=Gravity     DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=4.08531118681378   FOverLA=0.5   FOverLB=0.5
   Frame=2138     LoadCase=sp     CoordSys=GLOBAL     Type=Force     Dir=Gravity     DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=1.52114542560613   FOverLA=0.5   FOverLB=0.5
   Frame=2139     LoadCase=sp     CoordSys=GLOBAL     Type=Force     Dir=Gravity     DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=0.793599999998761   FOverLA=0.5   FOverLB=0.5
   Frame=2140     LoadCase=sp     CoordSys=GLOBAL     Type=Force     Dir=Gravity     DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=4.06211084945363   FOverLA=0.5   FOverLB=0.5
   Frame=2141     LoadCase=sp     CoordSys=GLOBAL     Type=Force     Dir=Gravity     DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=2.6541949073141   FOverLA=0.5   FOverLB=0.5
   Frame=2141   LoadCase=vey   CoordSys=GLOBAL   Type=Force   Dir=Y   DistType=RelDist   RelDistA=0
RelDistB=1   AbsDistA=0   AbsDistB=2.6541949073141   FOverLA=2.5   FOverLB=2.5
   Frame=2142     LoadCase=sp     CoordSys=GLOBAL     Type=Force     Dir=Gravity     DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=2.52445411064275   FOverLA=0.5   FOverLB=0.5
   Frame=14     LoadCase=sp     CoordSys=GLOBAL     Type=Force     Dir=Gravity     DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=4.33394209569889   FOverLA=0.5   FOverLB=0.5
   Frame=15     LoadCase=sp     CoordSys=GLOBAL     Type=Force     Dir=Gravity     DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=4.33394209568713   FOverLA=0.5   FOverLB=0.5
   Frame=16     LoadCase=sp     CoordSys=GLOBAL     Type=Force     Dir=Gravity     DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=4.33394209569782   FOverLA=0.5   FOverLB=0.5
   Frame=17     LoadCase=sp     CoordSys=GLOBAL     Type=Force     Dir=Gravity     DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=4.33394209568819   FOverLA=0.5   FOverLB=0.5
   Frame=98     LoadCase=sp     CoordSys=GLOBAL     Type=Force     Dir=Gravity     DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=1.51073145713807   FOverLA=0.5   FOverLB=0.5
   Frame=99     LoadCase=sp     CoordSys=GLOBAL     Type=Force     Dir=Gravity     DistType=RelDist
RelDistA=0   RelDistB=1   AbsDistA=0   AbsDistB=1.51073145713807   FOverLA=0.5   FOverLB=0.5

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Frame=95   LoadCase=term   Type=Temperature   Temp=25   JtPattern=None
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   Frame=6   AutoSelect=N.A.   AnalSect=20   MatProp=Default
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   Frame=9   AutoSelect=N.A.   AnalSect=20   MatProp=Default
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   Frame=12   AutoSelect=N.A.   AnalSect=20   MatProp=Default
   Frame=13   AutoSelect=N.A.   AnalSect=20   MatProp=Default
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   Frame=17   AutoSelect=N.A.   AnalSect=40   MatProp=Default
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   Frame=36   AutoSelect=N.A.   AnalSect=20   MatProp=Default
   Frame=37   AutoSelect=N.A.   AnalSect=20   MatProp=Default
   Frame=38   AutoSelect=N.A.   AnalSect=20   MatProp=Default
   Frame=39   AutoSelect=N.A.   AnalSect=20   MatProp=Default
   Frame=40   AutoSelect=N.A.   AnalSect=20   MatProp=Default
   Frame=41   AutoSelect=N.A.   AnalSect=20   MatProp=Default
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   Frame=43   AutoSelect=N.A.   AnalSect=20   MatProp=Default
   Frame=44   AutoSelect=N.A.   AnalSect=20   MatProp=Default
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Frame=1368   AutoSelect=N.A.   AnalSect=20   MatProp=Default
```

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Frame=2045   AutoSelect=N.A.   AnalSect=20   MatProp=Default
Frame=2046   AutoSelect=N.A.   AnalSect=20   MatProp=Default
Frame=2048   AutoSelect=N.A.   AnalSect=20   MatProp=Default
Frame=2049   AutoSelect=N.A.   AnalSect=20   MatProp=Default
Frame=2050   AutoSelect=N.A.   AnalSect=20   MatProp=Default
Frame=2051   AutoSelect=N.A.   AnalSect=20   MatProp=Default
Frame=2052   AutoSelect=N.A.   AnalSect=20   MatProp=Default
```

```
Frame=2053   AutoSelect=N.A.   AnalSect=20   MatProp=Default
Frame=2054   AutoSelect=N.A.   AnalSect=20   MatProp=Default
Frame=2055   AutoSelect=N.A.   AnalSect=20   MatProp=Default
Frame=2056   AutoSelect=N.A.   AnalSect=20   MatProp=Default
Frame=2057   AutoSelect=N.A.   AnalSect=20   MatProp=Default
Frame=2058   AutoSelect=N.A.   AnalSect=20   MatProp=Default
Frame=2059   AutoSelect=N.A.   AnalSect=20   MatProp=Default
Frame=2060   AutoSelect=N.A.   AnalSect=20   MatProp=Default
Frame=2061   AutoSelect=N.A.   AnalSect=20   MatProp=Default
Frame=2062   AutoSelect=N.A.   AnalSect=20   MatProp=Default
Frame=2063   AutoSelect=N.A.   AnalSect=20   MatProp=Default
Frame=2064   AutoSelect=N.A.   AnalSect=20   MatProp=Default
Frame=2065   AutoSelect=N.A.   AnalSect=20   MatProp=Default
Frame=2066   AutoSelect=N.A.   AnalSect=20   MatProp=Default
Frame=2067   AutoSelect=N.A.   AnalSect=20   MatProp=Default
Frame=2068   AutoSelect=N.A.   AnalSect=20   MatProp=Default
Frame=2069   AutoSelect=N.A.   AnalSect=20   MatProp=Default
Frame=2072   AutoSelect=N.A.   AnalSect=20   MatProp=Default
Frame=2073   AutoSelect=N.A.   AnalSect=20   MatProp=Default
Frame=2074   AutoSelect=N.A.   AnalSect=20   MatProp=Default
Frame=2075   AutoSelect=N.A.   AnalSect=20   MatProp=Default
Frame=2076   AutoSelect=N.A.   AnalSect=20   MatProp=Default
Frame=2077   AutoSelect=N.A.   AnalSect=20   MatProp=Default
Frame=2078   AutoSelect=N.A.   AnalSect=20   MatProp=Default
Frame=2079   AutoSelect=N.A.   AnalSect=3   MatProp=Default
Frame=2080   AutoSelect=N.A.   AnalSect=3   MatProp=Default
Frame=2081   AutoSelect=N.A.   AnalSect=3   MatProp=Default
Frame=2082   AutoSelect=N.A.   AnalSect=20   MatProp=Default
Frame=2083   AutoSelect=N.A.   AnalSect=20   MatProp=Default
Frame=2084   AutoSelect=N.A.   AnalSect=20   MatProp=Default
Frame=2085   AutoSelect=N.A.   AnalSect=20   MatProp=Default
Frame=2086   AutoSelect=N.A.   AnalSect=40   MatProp=Default
Frame=2087   AutoSelect=N.A.   AnalSect=40   MatProp=Default
Frame=2088   AutoSelect=N.A.   AnalSect=40   MatProp=Default
Frame=2089   AutoSelect=N.A.   AnalSect=40   MatProp=Default
Frame=2090   AutoSelect=N.A.   AnalSect=40   MatProp=Default
Frame=2091   AutoSelect=N.A.   AnalSect=40   MatProp=Default
Frame=2092   AutoSelect=N.A.   AnalSect=3   MatProp=Default
Frame=2093   AutoSelect=N.A.   AnalSect=40   MatProp=Default
Frame=2094   AutoSelect=N.A.   AnalSect=40   MatProp=Default
Frame=2095   AutoSelect=N.A.   AnalSect=40   MatProp=Default
Frame=2096   AutoSelect=N.A.   AnalSect=40   MatProp=Default
Frame=2097   AutoSelect=N.A.   AnalSect=40   MatProp=Default
Frame=2098   AutoSelect=N.A.   AnalSect=3   MatProp=Default
Frame=2099   AutoSelect=N.A.   AnalSect=40S   MatProp=Default
Frame=2100   AutoSelect=N.A.   AnalSect=40S   MatProp=Default
Frame=2101   AutoSelect=N.A.   AnalSect=40S   MatProp=Default
Frame=2102   AutoSelect=N.A.   AnalSect=40S   MatProp=Default
Frame=2103   AutoSelect=N.A.   AnalSect=40   MatProp=Default
Frame=2104   AutoSelect=N.A.   AnalSect=40   MatProp=Default
Frame=2105   AutoSelect=N.A.   AnalSect=20   MatProp=Default
Frame=2106   AutoSelect=N.A.   AnalSect=3   MatProp=Default
Frame=2107   AutoSelect=N.A.   AnalSect=3   MatProp=Default
Frame=2108   AutoSelect=N.A.   AnalSect=40S   MatProp=Default
Frame=2109   AutoSelect=N.A.   AnalSect=40S   MatProp=Default
Frame=2110   AutoSelect=N.A.   AnalSect=40S   MatProp=Default
Frame=2111   AutoSelect=N.A.   AnalSect=40   MatProp=Default
Frame=2112   AutoSelect=N.A.   AnalSect=20   MatProp=Default
Frame=2113   AutoSelect=N.A.   AnalSect=3   MatProp=Default
Frame=2114   AutoSelect=N.A.   AnalSect=20   MatProp=Default
Frame=2115   AutoSelect=N.A.   AnalSect=20   MatProp=Default
Frame=2117   AutoSelect=N.A.   AnalSect=20   MatProp=Default
Frame=2118   AutoSelect=N.A.   AnalSect=20   MatProp=Default
Frame=2119   AutoSelect=N.A.   AnalSect=20   MatProp=Default
Frame=2120   AutoSelect=N.A.   AnalSect=20   MatProp=Default
Frame=2121   AutoSelect=N.A.   AnalSect=20   MatProp=Default
```

```
   Frame=2122   AutoSelect=N.A.   AnalSect=20   MatProp=Default
   Frame=2123   AutoSelect=N.A.   AnalSect=20   MatProp=Default
   Frame=2124   AutoSelect=N.A.   AnalSect=20   MatProp=Default
   Frame=2125   AutoSelect=N.A.   AnalSect=20   MatProp=Default
   Frame=2126   AutoSelect=N.A.   AnalSect=20   MatProp=Default
   Frame=2127   AutoSelect=N.A.   AnalSect=20   MatProp=Default
   Frame=2128   AutoSelect=N.A.   AnalSect=20   MatProp=Default
   Frame=2129   AutoSelect=N.A.   AnalSect=20   MatProp=Default
   Frame=2130   AutoSelect=N.A.   AnalSect=20   MatProp=Default
   Frame=2131   AutoSelect=N.A.   AnalSect=20   MatProp=Default
   Frame=2132   AutoSelect=N.A.   AnalSect=20   MatProp=Default
   Frame=2133   AutoSelect=N.A.   AnalSect=40S   MatProp=Default
   Frame=2134   AutoSelect=N.A.   AnalSect=40S   MatProp=Default
   Frame=2135   AutoSelect=N.A.   AnalSect=40S   MatProp=Default
   Frame=2136   AutoSelect=N.A.   AnalSect=40S   MatProp=Default
   Frame=2137   AutoSelect=N.A.   AnalSect=40S   MatProp=Default
   Frame=2138   AutoSelect=N.A.   AnalSect=40S   MatProp=Default
   Frame=2139   AutoSelect=N.A.   AnalSect=40S   MatProp=Default
   Frame=2140   AutoSelect=N.A.   AnalSect=40   MatProp=Default
   Frame=2141   AutoSelect=N.A.   AnalSect=40S   MatProp=Default
   Frame=2142   AutoSelect=N.A.   AnalSect=40S   MatProp=Default
   Frame=2143   AutoSelect=N.A.   AnalSect=20   MatProp=Default
   Frame=2144   AutoSelect=N.A.   AnalSect=20   MatProp=Default
   Frame=2145   AutoSelect=N.A.   AnalSect=20   MatProp=Default
   Frame=2146   AutoSelect=N.A.   AnalSect=20   MatProp=Default
   Frame=2147   AutoSelect=N.A.   AnalSect=20   MatProp=Default
   Frame=2148   AutoSelect=N.A.   AnalSect=20   MatProp=Default
   Frame=2149   AutoSelect=N.A.   AnalSect=20   MatProp=Default
   Frame=2150   AutoSelect=N.A.   AnalSect=20   MatProp=Default
   Frame=2151   AutoSelect=N.A.   AnalSect=20   MatProp=Default
   Frame=2152   AutoSelect=N.A.   AnalSect=20   MatProp=Default
   Frame=2153   AutoSelect=N.A.   AnalSect=20   MatProp=Default
   Frame=2158   AutoSelect=N.A.   AnalSect=20   MatProp=Default
   Frame=2159   AutoSelect=N.A.   AnalSect=20   MatProp=Default
   Frame=2160   AutoSelect=N.A.   AnalSect=20   MatProp=Default
   Frame=2161   AutoSelect=N.A.   AnalSect=20   MatProp=Default
   Frame=2162   AutoSelect=N.A.   AnalSect=20   MatProp=Default
   Frame=2163   AutoSelect=N.A.   AnalSect=20   MatProp=Default
   Frame=2164   AutoSelect=N.A.   AnalSect=20   MatProp=Default
   Frame=2165   AutoSelect=N.A.   AnalSect=20   MatProp=Default
   Frame=2166   AutoSelect=N.A.   AnalSect=50   MatProp=Default
   Frame=2167   AutoSelect=N.A.   AnalSect=50   MatProp=Default
   Frame=2168   AutoSelect=N.A.   AnalSect=50   MatProp=Default
   Frame=2169   AutoSelect=N.A.   AnalSect=50   MatProp=Default

TABLE:  "FRAME SECTION PROPERTIES 01 - GENERAL"
   SectionName=20     Material=STEEL     Shape=Pipe     t3=0.2     tw=0.01     Area=5.9690260418206E-03
TorsConst=5.40196856784765E-05           I33=2.70098428392382E-05           I22=2.70098428392382E-05
AS2=2.9900195024987E-03   AS3=2.9900195024987E-03 _
        S33=2.70098428392382E-04           S22=2.70098428392382E-04           Z33=3.61333333333333E-04
Z22=3.61333333333333E-04      R33=6.72681202353686E-02      R22=6.72681202353686E-02      Color=White
FromFile=No   AMod=1   A2Mod=1   A3Mod=1   JMod=1 _
        I2Mod=1   I3Mod=1   MMod=1   WMod=1
   SectionName=3    Material=STEEL    Shape=Pipe    t3=0.036    tw=0.017999    Area=1.0178760166215E-03
TorsConst=1.64895915201621E-07           I33=8.24479576008105E-08           I22=8.24479576008105E-08
AS2=7.63364603321627E-04   AS3=7.63364603321627E-04 _
        S33=4.58044208893392E-06           S22=4.58044208893392E-06           Z33=7.77599999999866E-06
Z22=7.77599999999866E-06      R33=9.00000001388889E-03      R22=9.00000001388889E-03      Color=White
FromFile=No   AMod=1   A2Mod=1   A3Mod=1   JMod=1 _
        I2Mod=1   I3Mod=1   MMod=1   WMod=1
   SectionName=40     Material=STEEL     Shape=Pipe     t3=0.4     tw=0.01     Area=1.22522113490002E-02
TorsConst=4.66196641829458E-04           I33=2.33098320914729E-04           I22=2.33098320914729E-04
AS2=6.12879020809979E-03   AS3=6.12879020809979E-03 _
        S33=1.16549160457364E-03           S22=1.16549160457364E-03           Z33=1.52133333333333E-03
Z22=1.52133333333333E-03   R33=0.137931142241337   R22=0.137931142241337   Color=White   FromFile=No
AMod=1   A2Mod=1   A3Mod=1   JMod=1   I2Mod=1 _
```

```
        I3Mod=1    MMod=1    WMod=1
   SectionName=40S    Material=STEEL    Shape=Pipe    t3=0.4064    tw=0.016    Area=1.96236443513833E-02
TorsConst=7.4897641890502E-04            I33=3.7448820945251E-04            I22=3.7448820945251E-04
AS2=9.82280301837993E-03    AS3=9.82280301837993E-03 _
        S33=1.84295378667574E-03          S22=1.84295378667574E-03          Z33=2.43995989333334E-03
Z22=2.43995989333334E-03    R33=0.138143114196836    R22=0.138143114196836    Color=White    FromFile=No
AMod=1    A2Mod=1    A3Mod=1    JMod=1    I2Mod=1 _
        I3Mod=1    MMod=1    WMod=1
   SectionName=50    Material=STEEL    Shape=Pipe    t3=0.508    tw=0.0125    Area=1.94582394981718E-02
TorsConst=1.19510804401815E-03           I33=5.97554022009075E-04           I22=5.97554022009075E-04
AS2=9.73324663895214E-03    AS3=9.73324663895214E-03 _
        S33=2.35257488979951E-03          S22=2.35257488979951E-03          Z33=3.06965416666667E-03
Z22=3.06965416666667E-03    R33=0.175241440589833    R22=0.175241440589833    Color=White    FromFile=No
AMod=1    A2Mod=1    A3Mod=1    JMod=1    I2Mod=1 _
        I3Mod=1    MMod=1    WMod=1

TABLE:  "FUNCTION - RESPONSE SPECTRUM - FROM FILE"
   Name=hf    HeaderLines=0    DataType="Period vs Accel"    FileName="c:\sdm\calcoli\bb.txt"
   Name=hm    HeaderLines=0    DataType="Period vs Accel"    FileName=c:\sdm\mh.txt
   Name=vm    HeaderLines=0    DataType="Period vs Accel"    FileName=c:\sdm\mv.txt

TABLE:  "FUNCTION - STEADY STATE - USER"
   Name=UNIFSS    Frequency=0    Value=1
   Name=UNIFSS    Frequency=1    Value=1

TABLE:  "FUNCTION - TIME HISTORY - USER"
   Name=RAMPTH    Time=0    Value=0
   Name=RAMPTH    Time=1    Value=1
   Name=RAMPTH    Time=4    Value=1
   Name=UNIFTH    Time=0    Value=1
   Name=UNIFTH    Time=1    Value=1

TABLE:  "JOINT COORDINATES"
   Joint=17        CoordSys=GLOBAL        CoordType=Cartesian        XorR=-11.9705803048337        Y=3
Z=1.54499999999996    SpecialJt=No
   Joint=18    CoordSys=GLOBAL    CoordType=Cartesian    XorR=-17.2794203812282    Y=2.99999999999886
Z=1.19000000000005    SpecialJt=No
   Joint=19        CoordSys=GLOBAL        CoordType=Cartesian        XorR=-11.9705803048337        Y=5
Z=1.54499999999996    SpecialJt=No
   Joint=20    CoordSys=GLOBAL    CoordType=Cartesian    XorR=-17.2794203812282    Y=4.99999999999886
Z=1.19000000000005    SpecialJt=No
   Joint=21    CoordSys=GLOBAL    CoordType=Cartesian    XorR=-17.2794203812282    Y=-2.99999999999773
Z=1.19000000000005    SpecialJt=No
   Joint=22    CoordSys=GLOBAL    CoordType=Cartesian    XorR=-11.9705803048337    Y=-2.99999999999773
Z=1.54499999999996    SpecialJt=No
   Joint=23    CoordSys=GLOBAL    CoordType=Cartesian    XorR=-17.2794203812282    Y=-4.99999999999773
Z=1.19000000000005    SpecialJt=No
   Joint=24    CoordSys=GLOBAL    CoordType=Cartesian    XorR=-11.9705803048337    Y=-4.99999999999773
Z=1.54499999999996    SpecialJt=No
   Joint=25    CoordSys=GLOBAL    CoordType=Cartesian    XorR=17.2794203812282    Y=2.99999999999886
Z=1.19000000000005    SpecialJt=No
   Joint=26    CoordSys=GLOBAL    CoordType=Cartesian    XorR=11.9705803048337    Y=2.99999999999886
Z=1.54499999999996    SpecialJt=No
   Joint=27    CoordSys=GLOBAL    CoordType=Cartesian    XorR=17.2794203812282    Y=4.99999999999886
Z=1.19000000000005    SpecialJt=No
   Joint=28    CoordSys=GLOBAL    CoordType=Cartesian    XorR=11.9705803048337    Y=4.99999999999886
Z=1.54499999999996    SpecialJt=No
   Joint=29    CoordSys=GLOBAL    CoordType=Cartesian    XorR=11.9705803048337    Y=-2.99999999999886
Z=1.54499999999996    SpecialJt=No
   Joint=30    CoordSys=GLOBAL    CoordType=Cartesian    XorR=17.2794203812282    Y=-2.99999999999773
Z=1.19000000000005    SpecialJt=No
   Joint=31    CoordSys=GLOBAL    CoordType=Cartesian    XorR=11.9705803048337    Y=-4.99999999999886
Z=1.54499999999996    SpecialJt=No
   Joint=32    CoordSys=GLOBAL    CoordType=Cartesian    XorR=17.2794203812282    Y=-4.99999999999773
Z=1.19000000000005    SpecialJt=No
   Joint=733    CoordSys=GLOBAL    CoordType=Cartesian    XorR=-6.23875291550485    Y=0.448947212671612
```

Z=9.63 SpecialJt=No
Joint=734 CoordSys=GLOBAL CoordType=Cartesian XorR=-2.25856471710995 Y=0.359917759048983
Z=9.87 SpecialJt=No
Joint=735 CoordSys=GLOBAL CoordType=Cartesian XorR=9.906514842442E-04 Y=0.346760720958684
Z=9.91999999999996 SpecialJt=No
Joint=736 CoordSys=GLOBAL CoordType=Cartesian XorR=-2.2585647171145 Y=1.047624E-10
Z=9.87 SpecialJt=No
Joint=737 CoordSys=GLOBAL CoordType=Cartesian XorR=-1.75901931966109 Y=6 Z=1.88
SpecialJt=No
Joint=738 CoordSys=GLOBAL CoordType=Cartesian XorR=-18.0010728467732 Y=1.20114753082043
Z=7.49000000000001 SpecialJt=No
Joint=739 CoordSys=GLOBAL CoordType=Cartesian XorR=-14.625000738738 Y=0.917288951280057
Z=8.33000000000004 SpecialJt=No
Joint=740 CoordSys=GLOBAL CoordType=Cartesian XorR=-13.8592584093476 Y=0.852905690803879
Z=8.49000000000001 SpecialJt=No
Joint=741 CoordSys=GLOBAL CoordType=Cartesian XorR=-10.1982878097669 Y=0.620387913276204
Z=9.14999999999998 SpecialJt=No
Joint=742 CoordSys=GLOBAL CoordType=Cartesian XorR=-10.1982878097679 Y=-4.982326E-10
Z=9.14999999999998 SpecialJt=No
Joint=743 CoordSys=GLOBAL CoordType=Cartesian XorR=-6.23875293069523 Y=-5.425136E-10
Z=9.63 SpecialJt=No
Joint=744 CoordSys=GLOBAL CoordType=Cartesian XorR=-12.4132691499735 Y=6
Z=1.53999999999996 SpecialJt=No
Joint=745 CoordSys=GLOBAL CoordType=Cartesian XorR=-9.31616026657775 Y=6
Z=1.69000000000005 SpecialJt=No
Joint=746 CoordSys=GLOBAL CoordType=Cartesian XorR=-8.83074167545601 Y=6
Z=1.72000000000003 SpecialJt=No
Joint=747 CoordSys=GLOBAL CoordType=Cartesian XorR=-5.28417100417391 Y=6
Z=1.83000000000004 SpecialJt=No
Joint=748 CoordSys=GLOBAL CoordType=Cartesian XorR=-3.33711163921907 Y=6 Z=1.87
SpecialJt=No
Joint=749 CoordSys=GLOBAL CoordType=Cartesian XorR=0 Y=6 Z=1.89999999999998
SpecialJt=No
Joint=750 CoordSys=GLOBAL CoordType=Cartesian XorR=-1.75901931966109 Y=4 Z=1.88
SpecialJt=No
Joint=751 CoordSys=GLOBAL CoordType=Cartesian XorR=0 Y=4 Z=1.89999999999998
SpecialJt=No
Joint=752 CoordSys=GLOBAL CoordType=Cartesian XorR=-3.33711163921907 Y=4 Z=1.87
SpecialJt=No
Joint=753 CoordSys=GLOBAL CoordType=Cartesian XorR=-5.28417100417391 Y=4
Z=1.83000000000004 SpecialJt=No
Joint=754 CoordSys=GLOBAL CoordType=Cartesian XorR=-8.83074167545601 Y=4
Z=1.72000000000003 SpecialJt=No
Joint=755 CoordSys=GLOBAL CoordType=Cartesian XorR=-1.75901931966109 Y=2 Z=1.88
SpecialJt=No
Joint=756 CoordSys=GLOBAL CoordType=Cartesian XorR=0 Y=2 Z=1.89999999999998
SpecialJt=No
Joint=757 CoordSys=GLOBAL CoordType=Cartesian XorR=-3.33711163921907 Y=2 Z=1.87
SpecialJt=No
Joint=758 CoordSys=GLOBAL CoordType=Cartesian XorR=-5.28417100417391 Y=2
Z=1.83000000000004 SpecialJt=No
Joint=759 CoordSys=GLOBAL CoordType=Cartesian XorR=-8.83074167545601 Y=2
Z=1.72000000000003 SpecialJt=No
Joint=760 CoordSys=GLOBAL CoordType=Cartesian XorR=-1.75901931966109 Y=0 Z=1.88
SpecialJt=No
Joint=761 CoordSys=GLOBAL CoordType=Cartesian XorR=0 Y=0 Z=1.89999999999998
SpecialJt=No
Joint=762 CoordSys=GLOBAL CoordType=Cartesian XorR=-3.33711163921907 Y=0 Z=1.87
SpecialJt=No
Joint=763 CoordSys=GLOBAL CoordType=Cartesian XorR=-5.28417100417391 Y=0
Z=1.83000000000004 SpecialJt=No
Joint=764 CoordSys=GLOBAL CoordType=Cartesian XorR=-9.31616026657775 Y=3.99999999999886
Z=1.69000000000005 SpecialJt=No
Joint=765 CoordSys=GLOBAL CoordType=Cartesian XorR=-3.33711163921907 Y=2.00000000000114
Z=0.536666666667088 SpecialJt=No
Joint=766 CoordSys=GLOBAL CoordType=Cartesian XorR=-3.33711163921907 Y=4.00000000000114

Z=1.20333333333372 SpecialJt=No
Joint=767 CoordSys=GLOBAL CoordType=Cartesian XorR=-3.33711163921907 Y=0 Z=-0.129999999999995 SpecialJt=No
Joint=768 CoordSys=GLOBAL CoordType=Cartesian XorR=-3.35080172863763 Y=6
Z=1.86971875352788 SpecialJt=No
Joint=769 CoordSys=GLOBAL CoordType=Cartesian XorR=-9.31616026657775 Y=4
Z=0.833333333333712 SpecialJt=No
Joint=770 CoordSys=GLOBAL CoordType=Cartesian XorR=-9.31616026657775 Y=2.00000000000114
Z=-0.02333333333263 SpecialJt=No
Joint=771 CoordSys=GLOBAL CoordType=Cartesian XorR=-6.32663595289887 Y=1
Z=1.78000000000054 SpecialJt=No
Joint=772 CoordSys=GLOBAL CoordType=Cartesian XorR=-25.5597472003865 Y=2.07346950538226
Z=4.91999999999996 SpecialJt=No
Joint=773 CoordSys=GLOBAL CoordType=Cartesian XorR=-21.5542054555317 Y=1.57330823212163
Z=6.39999999999998 SpecialJt=No
Joint=774 CoordSys=GLOBAL CoordType=Cartesian XorR=-18.0010728467641 Y=2.21121E-11
Z=7.49000000000001 SpecialJt=No
Joint=775 CoordSys=GLOBAL CoordType=Cartesian XorR=-23.5287389992263 Y=6
Z=0.620000000000005 SpecialJt=No
Joint=776 CoordSys=GLOBAL CoordType=Cartesian XorR=-19.9338404193686 Y=6
Z=0.980000000000018 SpecialJt=No
Joint=777 CoordSys=GLOBAL CoordType=Cartesian XorR=-16.0466798183543 Y=6
Z=1.29999999999995 SpecialJt=No
Joint=778 CoordSys=GLOBAL CoordType=Cartesian XorR=-14.6250003430887 Y=6
Z=1.39999999999998 SpecialJt=No
Joint=779 CoordSys=GLOBAL CoordType=Cartesian XorR=-12.4132691499735 Y=4
Z=1.53999999999996 SpecialJt=No
Joint=780 CoordSys=GLOBAL CoordType=Cartesian XorR=-14.6250003430887 Y=4
Z=1.39999999999998 SpecialJt=No
Joint=781 CoordSys=GLOBAL CoordType=Cartesian XorR=-16.0466798183543 Y=4
Z=1.29999999999995 SpecialJt=No
Joint=782 CoordSys=GLOBAL CoordType=Cartesian XorR=-19.9338404193686 Y=4
Z=0.980000000000018 SpecialJt=No
Joint=783 CoordSys=GLOBAL CoordType=Cartesian XorR=-9.31616026657775 Y=2
Z=1.69000000000005 SpecialJt=No
Joint=784 CoordSys=GLOBAL CoordType=Cartesian XorR=-12.4132691499735 Y=2
Z=1.53999999999996 SpecialJt=No
Joint=785 CoordSys=GLOBAL CoordType=Cartesian XorR=-14.6250003430887 Y=2
Z=1.39999999999998 SpecialJt=No
Joint=786 CoordSys=GLOBAL CoordType=Cartesian XorR=-16.0466798183543 Y=2
Z=1.29999999999995 SpecialJt=No
Joint=787 CoordSys=GLOBAL CoordType=Cartesian XorR=-19.9338404193686 Y=2
Z=0.980000000000018 SpecialJt=No
Joint=788 CoordSys=GLOBAL CoordType=Cartesian XorR=-8.83074167545601 Y=0
Z=1.72000000000003 SpecialJt=No
Joint=789 CoordSys=GLOBAL CoordType=Cartesian XorR=-9.31616026657775 Y=0
Z=1.69000000000005 SpecialJt=No
Joint=790 CoordSys=GLOBAL CoordType=Cartesian XorR=-12.4132691499735 Y=0
Z=1.53999999999996 SpecialJt=No
Joint=791 CoordSys=GLOBAL CoordType=Cartesian XorR=-14.6250003430887 Y=0
Z=1.39999999999998 SpecialJt=No
Joint=792 CoordSys=GLOBAL CoordType=Cartesian XorR=-16.0466798183543 Y=0
Z=1.29999999999995 SpecialJt=No
Joint=793 CoordSys=GLOBAL CoordType=Cartesian XorR=-9.31616026657775 Y=0 Z=-0.879999999999995 SpecialJt=No
Joint=794 CoordSys=GLOBAL CoordType=Cartesian XorR=-14.6250003430887 Y=2.00000000000114
Z=-0.986666666665996 SpecialJt=No
Joint=795 CoordSys=GLOBAL CoordType=Cartesian XorR=-14.6250003430887 Y=4.00000000000114
Z=0.206666666667388 SpecialJt=No
Joint=796 CoordSys=GLOBAL CoordType=Cartesian XorR=-14.6250003430887 Y=0 Z=-2.17999999999995 SpecialJt=No
Joint=797 CoordSys=GLOBAL CoordType=Cartesian XorR=-19.9338404193686 Y=4
Z=0.146666666667897 SpecialJt=No
Joint=798 CoordSys=GLOBAL CoordType=Cartesian XorR=-11.9705803048337 Y=1
Z=1.54499999999996 SpecialJt=No
Joint=799 CoordSys=GLOBAL CoordType=Cartesian XorR=-17.2794203812282 Y=0.999999999998863

```
Z=1.19000000000005   SpecialJt=No
   Joint=800   CoordSys=GLOBAL   CoordType=Cartesian   XorR=-32.4414647345211   Y=3.53957415629293
Z=1.60000000000002   SpecialJt=No
   Joint=801   CoordSys=GLOBAL   CoordType=Cartesian   XorR=-28.8725036993928   Y=2.98929446903406
Z=3.41999999999996   SpecialJt=No
   Joint=802   CoordSys=GLOBAL   CoordType=Cartesian   XorR=-32.5772511896585   Y=2.75767710513901
Z=1.60000000000002   SpecialJt=No
   Joint=803   CoordSys=GLOBAL   CoordType=Cartesian   XorR=-28.993414021159   Y=2.2051037436363
Z=3.41999999999996   SpecialJt=No
   Joint=804   CoordSys=GLOBAL   CoordType=Cartesian   XorR=-28.9381669137702   Y=2.56342111957258
Z=3.41999999999996   SpecialJt=No
   Joint=805   CoordSys=GLOBAL   CoordType=Cartesian   XorR=-25.5597472003928   Y=-1.74509E-11
Z=4.91999999999996   SpecialJt=No
   Joint=806   CoordSys=GLOBAL   CoordType=Cartesian   XorR=-31.410038756364   Y=6   Z=-
0.379999999999995   SpecialJt=No
   Joint=807   CoordSys=GLOBAL   CoordType=Cartesian   XorR=-27.4105912479381   Y=6
Z=0.159999999999968   SpecialJt=No
   Joint=808   CoordSys=GLOBAL   CoordType=Cartesian   XorR=-25.902889046728   Y=6
Z=0.350000000000023   SpecialJt=No
   Joint=809   CoordSys=GLOBAL   CoordType=Cartesian   XorR=-23.5287389992263   Y=4
Z=0.620000000000005   SpecialJt=No
   Joint=810   CoordSys=GLOBAL   CoordType=Cartesian   XorR=-25.902889046728   Y=4
Z=0.350000000000023   SpecialJt=No
   Joint=811   CoordSys=GLOBAL   CoordType=Cartesian   XorR=-27.4105912479381   Y=4
Z=0.159999999999968   SpecialJt=No
   Joint=812   CoordSys=GLOBAL   CoordType=Cartesian   XorR=-23.5287389992263   Y=2
Z=0.620000000000005   SpecialJt=No
   Joint=813   CoordSys=GLOBAL   CoordType=Cartesian   XorR=-25.902889046728   Y=2
Z=0.350000000000023   SpecialJt=No
   Joint=819   CoordSys=GLOBAL   CoordType=Cartesian   XorR=-19.9338404193686   Y=0
Z=0.980000000000018   SpecialJt=No
   Joint=820   CoordSys=GLOBAL   CoordType=Cartesian   XorR=-23.5287389992263   Y=0
Z=0.620000000000005   SpecialJt=No
   Joint=821   CoordSys=GLOBAL   CoordType=Cartesian   XorR=-25.902889046728   Y=0
Z=0.350000000000023   SpecialJt=No
   Joint=822   CoordSys=GLOBAL   CoordType=Cartesian   XorR=-19.9338404193686   Y=2   Z=-
0.686666666666042   SpecialJt=No
   Joint=823   CoordSys=GLOBAL   CoordType=Cartesian   XorR=-19.9338404193686   Y=0   Z=-
1.51999999999998   SpecialJt=No
   Joint=824   CoordSys=GLOBAL   CoordType=Cartesian   XorR=-25.902889046728   Y=3.99999999999767
Z=-0.1700000000003   SpecialJt=No
   Joint=825   CoordSys=GLOBAL   CoordType=Cartesian   XorR=-25.902889046728   Y=2.00000000000114
Z=-0.689999999999714   SpecialJt=No
   Joint=826   CoordSys=GLOBAL   CoordType=Cartesian   XorR=-31.4100387563631   Y=4   Z=-
0.38000000000136   SpecialJt=No
   Joint=827   CoordSys=GLOBAL   CoordType=Cartesian   XorR=-22.9183647330483   Y=1
Z=0.664999999999964   SpecialJt=No
   Joint=828   CoordSys=GLOBAL   CoordType=Cartesian   XorR=-14.6250003430887   Y=-3.12   Z=-
8.98000000000002   SpecialJt=No
   Joint=829   CoordSys=GLOBAL   CoordType=Cartesian   XorR=-14.6250003430887   Y=3.12000000000114
Z=-8.98000000000002   SpecialJt=No
   Joint=830   CoordSys=GLOBAL   CoordType=Cartesian   XorR=-35.8788691685113   Y=4.16921015944797
Z=-0.32000000000005   SpecialJt=No
   Joint=831   CoordSys=GLOBAL   CoordType=Cartesian   XorR=-36.0290431664334   Y=3.38994850246235
Z=-0.32000000000005   SpecialJt=No
   Joint=832   CoordSys=GLOBAL   CoordType=Cartesian   XorR=-32.5772511896412   Y=-0.000000000247951
Z=1.60000000000002   SpecialJt=No
   Joint=833   CoordSys=GLOBAL   CoordType=Cartesian   XorR=-38.0469268424395   Y=6   Z=-
1.76760000000001   SpecialJt=No
   Joint=834   CoordSys=GLOBAL   CoordType=Cartesian   XorR=-38.0469268424395   Y=4   Z=-
1.76760000000001   SpecialJt=No
   Joint=835   CoordSys=GLOBAL   CoordType=Cartesian   XorR=-27.4105912479381   Y=2
Z=0.159999999999968   SpecialJt=No
   Joint=836   CoordSys=GLOBAL   CoordType=Cartesian   XorR=-31.410038756364   Y=2   Z=-
0.379999999999995   SpecialJt=No
   Joint=837   CoordSys=GLOBAL   CoordType=Cartesian   XorR=-27.4105912479381   Y=0
```

```
Z=0.159999999999968   SpecialJt=No
   Joint=838      CoordSys=GLOBAL      CoordType=Cartesian      XorR=-31.410038756364      Y=0      Z=-
0.379999999999995   SpecialJt=No
   Joint=839      CoordSys=GLOBAL      CoordType=Cartesian      XorR=-38.0469268424395      Y=0      Z=-
1.76760000000001   SpecialJt=No
   Joint=840      CoordSys=GLOBAL      CoordType=Cartesian      XorR=-25.902889046728      Y=0      Z=-
1.21000000000004   SpecialJt=No
   Joint=841      CoordSys=GLOBAL      CoordType=Cartesian      XorR=-31.410038756364      Y=0      Z=-
1.33000000000004   SpecialJt=No
   Joint=842    CoordSys=GLOBAL    CoordType=Cartesian    XorR=-31.4100387563703    Y=2.0000000000058
Z=-1.01333333333241   SpecialJt=No
   Joint=843    CoordSys=GLOBAL    CoordType=Cartesian    XorR=-28.656463901546    Y=1.00000000000114
Z=-1.50000000001001E-02   SpecialJt=No
   Joint=844      CoordSys=GLOBAL      CoordType=Cartesian      XorR=-34.7284827993999      Y=1      Z=-
1.07379999999955   SpecialJt=No
   Joint=845    CoordSys=GLOBAL    CoordType=Cartesian    XorR=-31.4100387563703    Y=4.00000000000114
Z=-0.696666666666374   SpecialJt=No
   Joint=846    CoordSys=GLOBAL    CoordType=Cartesian    XorR=-45.526849641873    Y=6.29053269215626
Z=-7.54999999999995   SpecialJt=No
   Joint=847    CoordSys=GLOBAL    CoordType=Cartesian    XorR=-42.3722270760636    Y=5.53883892766083
Z=-4.97000000000003   SpecialJt=No
   Joint=848    CoordSys=GLOBAL    CoordType=Cartesian    XorR=-45.7168996384144    Y=5.5200250940025
Z=-7.54999999999995   SpecialJt=No
   Joint=849    CoordSys=GLOBAL    CoordType=Cartesian    XorR=-42.5495795648658    Y=4.7653099658794
Z=-4.97000000000003   SpecialJt=No
   Joint=850    CoordSys=GLOBAL    CoordType=Cartesian    XorR=-39.1929212117912    Y=4.83857084168818
Z=-2.51999999999998   SpecialJt=No
   Joint=851    CoordSys=GLOBAL    CoordType=Cartesian    XorR=-38.0595154129896    Y=4.60964948836249
Z=-1.76760000000001   SpecialJt=No
   Joint=852    CoordSys=GLOBAL    CoordType=Cartesian    XorR=-39.3569664508532    Y=4.06211084945477
Z=-2.51999999999998   SpecialJt=No
   Joint=853    CoordSys=GLOBAL    CoordType=Cartesian    XorR=-38.1056672959267    Y=3.80937780698878
Z=-1.69280000001902   SpecialJt=No
   Joint=854      CoordSys=GLOBAL      CoordType=Cartesian      XorR=-39.3569664508432      Y=0      Z=-
2.51999999999998   SpecialJt=No
   Joint=855      CoordSys=GLOBAL      CoordType=Cartesian      XorR=-38.0469268424395      Y=2      Z=-
1.76760000000001   SpecialJt=No
   Joint=857        CoordSys=GLOBAL        CoordType=Cartesian        XorR=23.5287389992263        Y=2
Z=0.620000000000005   SpecialJt=No
   Joint=858        CoordSys=GLOBAL        CoordType=Cartesian        XorR=19.9338404193686        Y=2
Z=0.980000000000018   SpecialJt=No
   Joint=861        CoordSys=GLOBAL        CoordType=Cartesian        XorR=19.9338404193686        Y=0
Z=0.980000000000018   SpecialJt=No
   Joint=862      CoordSys=GLOBAL      CoordType=Cartesian      XorR=23.5287389992263      Y=-1.1369E-12
Z=0.620000000000005   SpecialJt=No
   Joint=864    CoordSys=GLOBAL    CoordType=Cartesian    XorR=25.9028890467289    Y=1.99999999999886
Z=0.349999999999909   SpecialJt=No
   Joint=865        CoordSys=GLOBAL        CoordType=Cartesian        XorR=25.902889046728        Y=0
Z=0.350000000000023   SpecialJt=No
   Joint=866    CoordSys=GLOBAL    CoordType=Cartesian    XorR=25.902889046728    Y=4.00000000000114
Z=0.350000000000023   SpecialJt=No
   Joint=867        CoordSys=GLOBAL        CoordType=Cartesian        XorR=23.5287389992263        Y=4
Z=0.620000000000005   SpecialJt=No
   Joint=874    CoordSys=GLOBAL    CoordType=Cartesian    XorR=25.902889046728    Y=5.99999999999886
Z=0.350000000000023   SpecialJt=No
   Joint=875        CoordSys=GLOBAL        CoordType=Cartesian        XorR=23.5287389992263        Y=6
Z=0.620000000000005   SpecialJt=No
   Joint=876    CoordSys=GLOBAL    CoordType=Cartesian    XorR=27.4105912479381    Y=2.00000000000233
Z=0.159999999999968   SpecialJt=No
   Joint=878        CoordSys=GLOBAL        CoordType=Cartesian        XorR=27.4105912479381        Y=0
Z=0.159999999999968   SpecialJt=No
   Joint=879        CoordSys=GLOBAL        CoordType=Cartesian        XorR=27.4105912479381        Y=4
Z=0.159999999999968   SpecialJt=No
   Joint=881        CoordSys=GLOBAL        CoordType=Cartesian        XorR=27.4105912479381        Y=6
Z=0.159999999999968   SpecialJt=No
   Joint=882    CoordSys=GLOBAL    CoordType=Cartesian    XorR=31.410038756364    Y=2.00000000000233
```

```
Z=-0.379999999999995   SpecialJt=No
   Joint=884    CoordSys=GLOBAL    CoordType=Cartesian    XorR=31.4100387563631    Y=1.1369E-12    Z=-
0.379999999999995   SpecialJt=No
   Joint=885    CoordSys=GLOBAL    CoordType=Cartesian    XorR=31.410038756364    Y=3.99999999999767
Z=-0.379999999999995   SpecialJt=No
   Joint=887     CoordSys=GLOBAL     CoordType=Cartesian     XorR=31.4100387563631     Y=6     Z=-
0.379999999999995   SpecialJt=No
   Joint=890     CoordSys=GLOBAL     CoordType=Cartesian     XorR=38.0469268424395     Y=2     Z=-
1.7675999999999   SpecialJt=No
   Joint=891     CoordSys=GLOBAL     CoordType=Cartesian     XorR=38.0469268424395     Y=0     Z=-
1.76760000000001   SpecialJt=No
   Joint=892     CoordSys=GLOBAL     CoordType=Cartesian     XorR=38.0469268424395     Y=4     Z=-
1.76760000000001   SpecialJt=No
   Joint=894     CoordSys=GLOBAL     CoordType=Cartesian     XorR=38.0469268424395     Y=6     Z=-
1.76760000000001   SpecialJt=No
   Joint=895      CoordSys=GLOBAL      CoordType=Cartesian      XorR=5.28417100417391      Y=4
Z=1.83000000000004   SpecialJt=No
   Joint=897    CoordSys=GLOBAL    CoordType=Cartesian    XorR=3.33711163921907    Y=3.99999999999886
Z=1.87   SpecialJt=No
   Joint=899     CoordSys=GLOBAL     CoordType=Cartesian     XorR=3.33711163921907     Y=6     Z=1.87
SpecialJt=No
   Joint=902      CoordSys=GLOBAL      CoordType=Cartesian      XorR=5.28417100417391      Y=6
Z=1.83000000000004   SpecialJt=No
   Joint=904    CoordSys=GLOBAL    CoordType=Cartesian    XorR=8.83074167545602    Y=3.99999999999886
Z=1.72000000000003   SpecialJt=No
   Joint=906    CoordSys=GLOBAL    CoordType=Cartesian    XorR=8.83074167545602    Y=5.99999999999886
Z=1.72000000000003   SpecialJt=No
   Joint=908      CoordSys=GLOBAL      CoordType=Cartesian      XorR=9.31616026657774      Y=4
Z=1.69000000000005   SpecialJt=No
   Joint=915    CoordSys=GLOBAL    CoordType=Cartesian    XorR=9.31616026657774    Y=5.99999999999886
Z=1.69000000000005   SpecialJt=No
   Joint=917      CoordSys=GLOBAL      CoordType=Cartesian      XorR=9.31616026657868      Y=2
Z=1.68999999999994   SpecialJt=No
   Joint=925    CoordSys=GLOBAL    CoordType=Cartesian    XorR=8.83074167545602    Y=1.99999999999886
Z=1.72000000000003   SpecialJt=No
   Joint=927     CoordSys=GLOBAL     CoordType=Cartesian     XorR=9.31616026657774     Y=-1.1369E-12
Z=1.69000000000005   SpecialJt=No
   Joint=928      CoordSys=GLOBAL      CoordType=Cartesian      XorR=8.83074167545602      Y=0
Z=1.72000000000003   SpecialJt=No
   Joint=929      CoordSys=GLOBAL      CoordType=Cartesian      XorR=12.4132691499744      Y=2
Z=1.53999999999996   SpecialJt=No
   Joint=932     CoordSys=GLOBAL     CoordType=Cartesian     XorR=12.4132691499744     Y=-1.1369E-12
Z=1.53999999999996   SpecialJt=No
   Joint=933    CoordSys=GLOBAL    CoordType=Cartesian    XorR=12.4132691499744    Y=3.99999999999886
Z=1.53999999999996   SpecialJt=No
   Joint=934    CoordSys=GLOBAL    CoordType=Cartesian    XorR=12.4132691499735    Y=5.99999999999886
Z=1.53999999999996   SpecialJt=No
   Joint=935    CoordSys=GLOBAL    CoordType=Cartesian    XorR=14.6250003430887    Y=1.99999999999886
Z=1.39999999999998   SpecialJt=No
   Joint=936     CoordSys=GLOBAL     CoordType=Cartesian     XorR=14.6250003430887     Y=-1.1369E-12
Z=1.39999999999998   SpecialJt=No
   Joint=937    CoordSys=GLOBAL    CoordType=Cartesian    XorR=14.6250003430887    Y=3.99999999999886
Z=1.39999999999998   SpecialJt=No
   Joint=938      CoordSys=GLOBAL      CoordType=Cartesian      XorR=14.6250003430887      Y=6
Z=1.39999999999998   SpecialJt=No
   Joint=939      CoordSys=GLOBAL      CoordType=Cartesian      XorR=16.0466798183543      Y=2
Z=1.29999999999995   SpecialJt=No
   Joint=940     CoordSys=GLOBAL     CoordType=Cartesian     XorR=16.0466798183543     Y=-1.1369E-12
Z=1.29999999999995   SpecialJt=No
   Joint=941    CoordSys=GLOBAL    CoordType=Cartesian    XorR=16.0466798183543    Y=4.00000000000114
Z=1.29999999999995   SpecialJt=No
   Joint=942      CoordSys=GLOBAL      CoordType=Cartesian      XorR=16.0466798183543      Y=6
Z=1.29999999999995   SpecialJt=No
   Joint=943    CoordSys=GLOBAL    CoordType=Cartesian    XorR=19.9338404193686    Y=4.00000000000114
Z=0.980000000000018   SpecialJt=No
   Joint=944    CoordSys=GLOBAL    CoordType=Cartesian    XorR=19.9338404193686    Y=5.99999999999886
```

Z=0.980000000000018 SpecialJt=No
Joint=945 CoordSys=GLOBAL CoordType=Cartesian XorR=31.4100387563703 Y=2.0000000000058
Z=-1.01333333333252 SpecialJt=No
Joint=946 CoordSys=GLOBAL CoordType=Cartesian XorR=31.4100387563767 Y=4.00000000001165
Z=-0.696666666664896 SpecialJt=No
Joint=947 CoordSys=GLOBAL CoordType=Cartesian XorR=34.7284827993999 Y=1 Z=-
1.07380000000012 SpecialJt=No
Joint=948 CoordSys=GLOBAL CoordType=Cartesian XorR=38.1056672959267 Y=3.80937780698878
Z=-1.69280000001902 SpecialJt=No
Joint=950 CoordSys=GLOBAL CoordType=Cartesian XorR=38.0595154129896 Y=4.60964948836249
Z=-1.76760000000001 SpecialJt=No
Joint=952 CoordSys=GLOBAL CoordType=Cartesian XorR=36.0290431664334 Y=3.38994850246235
Z=-0.32000000000005 SpecialJt=No
Joint=953 CoordSys=GLOBAL CoordType=Cartesian XorR=35.8788691685113 Y=4.16921015944797
Z=-0.320000000000005 SpecialJt=No
Joint=954 CoordSys=GLOBAL CoordType=Cartesian XorR=39.3569664508432 Y=0 Z=-
2.51999999999998 SpecialJt=No
Joint=956 CoordSys=GLOBAL CoordType=Cartesian XorR=39.3569664508323 Y=4.06211084945011
Z=-2.51999999999998 SpecialJt=No
Joint=957 CoordSys=GLOBAL CoordType=Cartesian XorR=39.1929212117911 Y=4.83857084168818
Z=-2.51999999999998 SpecialJt=No
Joint=958 CoordSys=GLOBAL CoordType=Cartesian XorR=42.5495795648658 Y=4.7653099658794
Z=-4.97000000000003 SpecialJt=No
Joint=960 CoordSys=GLOBAL CoordType=Cartesian XorR=42.3722270760636 Y=5.53883892766083
Z=-4.97000000000003 SpecialJt=No
Joint=962 CoordSys=GLOBAL CoordType=Cartesian XorR=45.7168996384143 Y=5.5200250940025
Z=-7.54999999999995 SpecialJt=No
Joint=964 CoordSys=GLOBAL CoordType=Cartesian XorR=45.526849641873 Y=6.29053269215626
Z=-7.54999999999995 SpecialJt=No
Joint=965 CoordSys=GLOBAL CoordType=Cartesian XorR=28.656463901546 Y=1.00000000000114
Z=-1.50000000006685E-02 SpecialJt=No
Joint=966 CoordSys=GLOBAL CoordType=Cartesian XorR=25.902889046728 Y=2.00000000000114
Z=-0.689999999999714 SpecialJt=No
Joint=968 CoordSys=GLOBAL CoordType=Cartesian XorR=31.410038756364 Y=0 Z=-
1.33000000000004 SpecialJt=No
Joint=969 CoordSys=GLOBAL CoordType=Cartesian XorR=25.902889046728 Y=0 Z=-
1.21000000000004 SpecialJt=No
Joint=970 CoordSys=GLOBAL CoordType=Cartesian XorR=32.4414647345211 Y=3.53957415629293
Z=1.60000000000002 SpecialJt=No
Joint=972 CoordSys=GLOBAL CoordType=Cartesian XorR=32.5772511896412 Y=-0.000000000247951
Z=1.60000000000002 SpecialJt=No
Joint=973 CoordSys=GLOBAL CoordType=Cartesian XorR=32.5772511896585 Y=2.75767710514134
Z=1.60000000000002 SpecialJt=No
Joint=975 CoordSys=GLOBAL CoordType=Cartesian XorR=14.6250003430887 Y=3.12000000000114
Z=-8.98000000000002 SpecialJt=No
Joint=976 CoordSys=GLOBAL CoordType=Cartesian XorR=14.6250003430887 Y=1.1369E-12 Z=-
2.17999999999995 SpecialJt=No
Joint=977 CoordSys=GLOBAL CoordType=Cartesian XorR=14.6250003430887 Y=-3.12 Z=-
8.98000000000002 SpecialJt=No
Joint=979 CoordSys=GLOBAL CoordType=Cartesian XorR=22.9183647330483 Y=1
Z=0.664999999999964 SpecialJt=No
Joint=980 CoordSys=GLOBAL CoordType=Cartesian XorR=17.2794203812282 Y=0.999999999998863
Z=1.19000000000005 SpecialJt=No
Joint=981 CoordSys=GLOBAL CoordType=Cartesian XorR=25.902889046728 Y=4.00000000000233
Z=-0.169999999999391 SpecialJt=No
Joint=982 CoordSys=GLOBAL CoordType=Cartesian XorR=19.9338404193686 Y=2 Z=-
0.686666666666042 SpecialJt=No
Joint=985 CoordSys=GLOBAL CoordType=Cartesian XorR=19.9338404193686 Y=0 Z=-
1.51999999999998 SpecialJt=No
Joint=1002 CoordSys=GLOBAL CoordType=Cartesian XorR=19.9338404193686 Y=4
Z=0.146666666667897 SpecialJt=No
Joint=1003 CoordSys=GLOBAL CoordType=Cartesian XorR=14.6250003430887 Y=2.00000000000114
Z=-0.986666666665996 SpecialJt=No
Joint=1006 CoordSys=GLOBAL CoordType=Cartesian XorR=28.9381669137701 Y=2.56342111957258
Z=3.41999999999996 SpecialJt=No
Joint=1023 CoordSys=GLOBAL CoordType=Cartesian XorR=25.5597472003865 Y=2.07346950538226

Z=4.91999999999996 SpecialJt=No
Joint=1024 CoordSys=GLOBAL CoordType=Cartesian XorR=25.5597472003928 Y=-1.74509E-11
Z=4.91999999999996 SpecialJt=No
Joint=1059 CoordSys=GLOBAL CoordType=Cartesian XorR=28.8725036993928 Y=2.98929446903406
Z=3.41999999999996 SpecialJt=No
Joint=1060 CoordSys=GLOBAL CoordType=Cartesian XorR=28.993414021158 Y=2.2051037436363
Z=3.41999999999996 SpecialJt=No
Joint=1061 CoordSys=GLOBAL CoordType=Cartesian XorR=11.9705803048337 Y=0.999999999998863
Z=1.54499999999996 SpecialJt=No
Joint=1062 CoordSys=GLOBAL CoordType=Cartesian XorR=6.32663595289887 Y=1
Z=1.77999999999997 SpecialJt=No
Joint=1063 CoordSys=GLOBAL CoordType=Cartesian XorR=14.6250003430887 Y=4.00000000000114
Z=0.206666666667388 SpecialJt=No
Joint=1064 CoordSys=GLOBAL CoordType=Cartesian XorR=9.31616026657775 Y=2.00000000000114
Z=-0.02333333333263 SpecialJt=No
Joint=1065 CoordSys=GLOBAL CoordType=Cartesian XorR=9.31616026657775 Y=0 Z=-
0.879999999999995 SpecialJt=No
Joint=1066 CoordSys=GLOBAL CoordType=Cartesian XorR=9.31616026657775 Y=4
Z=0.833333333333712 SpecialJt=No
Joint=1067 CoordSys=GLOBAL CoordType=Cartesian XorR=21.5542054555317 Y=1.57330823212163
Z=6.39999999999998 SpecialJt=No
Joint=1068 CoordSys=GLOBAL CoordType=Cartesian XorR=18.0010728467732 Y=1.20114753082043
Z=7.49000000000001 SpecialJt=No
Joint=1069 CoordSys=GLOBAL CoordType=Cartesian XorR=18.0010728467641 Y=2.21121E-11
Z=7.49000000000001 SpecialJt=No
Joint=1070 CoordSys=GLOBAL CoordType=Cartesian XorR=3.33711163921907 Y=4.00000000000114
Z=1.20333333333372 SpecialJt=No
Joint=1071 CoordSys=GLOBAL CoordType=Cartesian XorR=3.35080172863763 Y=6
Z=1.86971875352788 SpecialJt=No
Joint=1072 CoordSys=GLOBAL CoordType=Cartesian XorR=13.8592584093476 Y=0.852905690803879
Z=8.49000000000001 SpecialJt=No
Joint=1073 CoordSys=GLOBAL CoordType=Cartesian XorR=10.1982878097669 Y=0.620387913276204
Z=9.14999999999998 SpecialJt=No
Joint=1074 CoordSys=GLOBAL CoordType=Cartesian XorR=1.75901931966109 Y=6 Z=1.88
SpecialJt=No
Joint=1075 CoordSys=GLOBAL CoordType=Cartesian XorR=14.625000738738 Y=0.917288951280057
Z=8.33000000000004 SpecialJt=No
Joint=1076 CoordSys=GLOBAL CoordType=Cartesian XorR=10.1982878097678 Y=-4.982326E-10
Z=9.14999999999998 SpecialJt=No
Joint=1077 CoordSys=GLOBAL CoordType=Cartesian XorR=1.75901931966018 Y=3.99999999999886
Z=1.88 SpecialJt=No
Joint=1078 CoordSys=GLOBAL CoordType=Cartesian XorR=5.28417100417391 Y=2
Z=1.83000000000004 SpecialJt=No
Joint=1079 CoordSys=GLOBAL CoordType=Cartesian XorR=3.33711163921907 Y=2 Z=1.87
SpecialJt=No
Joint=1080 CoordSys=GLOBAL CoordType=Cartesian XorR=5.28417100417391 Y=0
Z=1.83000000000004 SpecialJt=No
Joint=1081 CoordSys=GLOBAL CoordType=Cartesian XorR=1.7590193196611 Y=1.99999999999886
Z=1.88 SpecialJt=No
Joint=1082 CoordSys=GLOBAL CoordType=Cartesian XorR=1.7590193196611 Y=0 Z=1.88
SpecialJt=No
Joint=1083 CoordSys=GLOBAL CoordType=Cartesian XorR=3.33711163921907 Y=-1.1369E-12
Z=1.87 SpecialJt=No
Joint=1084 CoordSys=GLOBAL CoordType=Cartesian XorR=3.33711163921907 Y=0 Z=-
0.129999999999995 SpecialJt=No
Joint=1085 CoordSys=GLOBAL CoordType=Cartesian XorR=3.33711163921907 Y=2.00000000000114
Z=0.536666666667088 SpecialJt=No
Joint=1086 CoordSys=GLOBAL CoordType=Cartesian XorR=6.23875291550485 Y=0.448947212671612
Z=9.63 SpecialJt=No
Joint=1087 CoordSys=GLOBAL CoordType=Cartesian XorR=6.23875293069522 Y=-5.425136E-10
Z=9.63 SpecialJt=No
Joint=1088 CoordSys=GLOBAL CoordType=Cartesian XorR=2.25856471711359 Y=0.359917759227073
Z=9.87 SpecialJt=No
Joint=1089 CoordSys=GLOBAL CoordType=Cartesian XorR=2.25856471711449 Y=1.047624E-10
Z=9.87 SpecialJt=No
Joint=1090 CoordSys=GLOBAL CoordType=Cartesian XorR=-9.906514842442E-04

```
Y=0.346760720958684   Z=9.91999999999996   SpecialJt=No
   Joint=1091   CoordSys=GLOBAL   CoordType=Cartesian   XorR=-23.5287389992263   Y=-1.99999999999886
Z=0.620000000000005   SpecialJt=No
   Joint=1092   CoordSys=GLOBAL   CoordType=Cartesian   XorR=-19.9338404193686   Y=-1.99999999999886
Z=0.980000000000018   SpecialJt=No
   Joint=1093   CoordSys=GLOBAL   CoordType=Cartesian   XorR=-25.9028890467289   Y=-1.99999999999773
Z=0.349999999999909   SpecialJt=No
   Joint=1094       CoordSys=GLOBAL       CoordType=Cartesian       XorR=-25.902889046728       Y=-4
Z=0.350000000000023   SpecialJt=No
   Joint=1095   CoordSys=GLOBAL   CoordType=Cartesian   XorR=-23.5287389992263   Y=-3.99999999999886
Z=0.620000000000005   SpecialJt=No
   Joint=1096   CoordSys=GLOBAL   CoordType=Cartesian   XorR=-25.902889046728   Y=-5.99999999999773
Z=0.350000000000023   SpecialJt=No
   Joint=1097   CoordSys=GLOBAL   CoordType=Cartesian   XorR=-23.5287389992263   Y=-5.99999999999886
Z=0.620000000000005   SpecialJt=No
   Joint=1098   CoordSys=GLOBAL   CoordType=Cartesian   XorR=-27.4105912479381   Y=-2.00000000000119
Z=0.159999999999968   SpecialJt=No
   Joint=1099   CoordSys=GLOBAL   CoordType=Cartesian   XorR=-27.4105912479381   Y=-3.99999999999886
Z=0.159999999999968   SpecialJt=No
   Joint=1100   CoordSys=GLOBAL   CoordType=Cartesian   XorR=-27.4105912479381   Y=-5.99999999999886
Z=0.159999999999968   SpecialJt=No
   Joint=1101   CoordSys=GLOBAL   CoordType=Cartesian   XorR=-31.410038756364   Y=-2.00000000000119
Z=-0.379999999999995   SpecialJt=No
   Joint=1102   CoordSys=GLOBAL   CoordType=Cartesian   XorR=-31.410038756364   Y=-3.99999999999653
Z=-0.379999999999995   SpecialJt=No
   Joint=1103   CoordSys=GLOBAL   CoordType=Cartesian   XorR=-31.4100387563631   Y=-5.99999999999886
Z=-0.379999999999995   SpecialJt=No
   Joint=1104   CoordSys=GLOBAL   CoordType=Cartesian   XorR=-38.0469268424395   Y=-1.99999999999886
Z=-1.7675999999999   SpecialJt=No
   Joint=1105   CoordSys=GLOBAL   CoordType=Cartesian   XorR=-38.0469268424395   Y=-3.99999999999886
Z=-1.76760000000001   SpecialJt=No
   Joint=1106   CoordSys=GLOBAL   CoordType=Cartesian   XorR=-38.0469268424395   Y=-5.99999999999886
Z=-1.76760000000001   SpecialJt=No
   Joint=1107   CoordSys=GLOBAL   CoordType=Cartesian   XorR=-5.28417100417391   Y=-1.99999999999886
Z=1.83000000000004   SpecialJt=No
   Joint=1108   CoordSys=GLOBAL   CoordType=Cartesian   XorR=-8.83074167545603   Y=-1.99999999999773
Z=1.72000000000003   SpecialJt=No
   Joint=1109   CoordSys=GLOBAL   CoordType=Cartesian   XorR=-9.31616026657775   Y=-3.99999999999886
Z=1.69000000000005   SpecialJt=No
   Joint=1110   CoordSys=GLOBAL   CoordType=Cartesian   XorR=-8.83074167545603   Y=-3.99999999999886
Z=1.72000000000003   SpecialJt=No
   Joint=1111   CoordSys=GLOBAL   CoordType=Cartesian   XorR=-8.83074167545603   Y=-5.99999999999886
Z=1.72000000000003   SpecialJt=No
   Joint=1112   CoordSys=GLOBAL   CoordType=Cartesian   XorR=-9.31616026657775   Y=-5.99999999999773
Z=1.69000000000005   SpecialJt=No
   Joint=1113   CoordSys=GLOBAL   CoordType=Cartesian   XorR=-9.31616026657868   Y=-1.99999999999886
Z=1.68999999999994   SpecialJt=No
   Joint=1114   CoordSys=GLOBAL   CoordType=Cartesian   XorR=-12.4132691499744   Y=-1.99999999999886
Z=1.53999999999996   SpecialJt=No
   Joint=1115   CoordSys=GLOBAL   CoordType=Cartesian   XorR=-12.4132691499744   Y=-3.99999999999773
Z=1.53999999999996   SpecialJt=No
   Joint=1116   CoordSys=GLOBAL   CoordType=Cartesian   XorR=-12.4132691499735   Y=-5.99999999999773
Z=1.53999999999996   SpecialJt=No
   Joint=1117   CoordSys=GLOBAL   CoordType=Cartesian   XorR=-14.6250003430887   Y=-1.99999999999773
Z=1.39999999999998   SpecialJt=No
   Joint=1118   CoordSys=GLOBAL   CoordType=Cartesian   XorR=-14.6250003430887   Y=-3.99999999999773
Z=1.39999999999998   SpecialJt=No
   Joint=1119   CoordSys=GLOBAL   CoordType=Cartesian   XorR=-14.6250003430887   Y=-5.99999999999886
Z=1.39999999999998   SpecialJt=No
   Joint=1120   CoordSys=GLOBAL   CoordType=Cartesian   XorR=-16.0466798183543   Y=-1.99999999999886
Z=1.29999999999995   SpecialJt=No
   Joint=1121       CoordSys=GLOBAL       CoordType=Cartesian       XorR=-16.0466798183543       Y=-4
Z=1.29999999999995   SpecialJt=No
   Joint=1122   CoordSys=GLOBAL   CoordType=Cartesian   XorR=-16.0466798183543   Y=-5.99999999999886
Z=1.29999999999995   SpecialJt=No
   Joint=1123       CoordSys=GLOBAL       CoordType=Cartesian       XorR=-19.9338404193686       Y=-4
```

```
Z=0.980000000000018   SpecialJt=No
   Joint=1124   CoordSys=GLOBAL   CoordType=Cartesian   XorR=-19.9338404193686   Y=-5.99999999999773
Z=0.980000000000018   SpecialJt=No
   Joint=1125   CoordSys=GLOBAL   CoordType=Cartesian   XorR=-31.4100387563703   Y=-2.00000000000466
Z=-1.01333333333252   SpecialJt=No
   Joint=1126   CoordSys=GLOBAL   CoordType=Cartesian   XorR=-31.4100387563767   Y=-4.00000000001052
Z=-0.696666666664896   SpecialJt=No
   Joint=1127       CoordSys=GLOBAL       CoordType=Cartesian       XorR=-34.7284827993999       Y=-
0.999999999998863   Z=-1.07380000000012   SpecialJt=No
   Joint=1128   CoordSys=GLOBAL   CoordType=Cartesian   XorR=-38.1056672959267   Y=-3.80937780698764
Z=-1.69280000001902   SpecialJt=No
   Joint=1129   CoordSys=GLOBAL   CoordType=Cartesian   XorR=-38.0595154129896   Y=-4.60964948836136
Z=-1.76760000000001   SpecialJt=No
   Joint=1130   CoordSys=GLOBAL   CoordType=Cartesian   XorR=-36.0290431664334   Y=-3.38994850246121
Z=-0.320000000000005   SpecialJt=No
   Joint=1131   CoordSys=GLOBAL   CoordType=Cartesian   XorR=-35.8788691685113   Y=-4.16921015944683
Z=-0.320000000000005   SpecialJt=No
   Joint=1132   CoordSys=GLOBAL   CoordType=Cartesian   XorR=-39.3569664508323   Y=-4.06211084944897
Z=-2.51999999999998   SpecialJt=No
   Joint=1133   CoordSys=GLOBAL   CoordType=Cartesian   XorR=-39.1929212117912   Y=-4.83857084168704
Z=-2.51999999999998   SpecialJt=No
   Joint=1134   CoordSys=GLOBAL   CoordType=Cartesian   XorR=-42.5495795648658   Y=-4.76530996587826
Z=-4.97000000000003   SpecialJt=No
   Joint=1135   CoordSys=GLOBAL   CoordType=Cartesian   XorR=-42.3722270760636   Y=-5.5388389276597
Z=-4.97000000000003   SpecialJt=No
   Joint=1136   CoordSys=GLOBAL   CoordType=Cartesian   XorR=-45.7168996384144   Y=-5.52002509400137
Z=-7.54999999999995   SpecialJt=No
   Joint=1137   CoordSys=GLOBAL   CoordType=Cartesian   XorR=-45.526849641873   Y=-6.29053269215513
Z=-7.54999999999995   SpecialJt=No
   Joint=1138      CoordSys=GLOBAL      CoordType=Cartesian      XorR=-28.656463901546      Y=-1      Z=-
1.50000000006685E-02   SpecialJt=No
   Joint=1139      CoordSys=GLOBAL      CoordType=Cartesian      XorR=-25.902889046728      Y=-2      Z=-
0.689999999999714   SpecialJt=No
   Joint=1140   CoordSys=GLOBAL   CoordType=Cartesian   XorR=-23.5287389992263   Y=1.1369E-12   Z=-
1.27999999999997   SpecialJt=No
   Joint=1141   CoordSys=GLOBAL   CoordType=Cartesian   XorR=-27.4105912479381   Y=1.1369E-12   Z=-
1.20000000000004   SpecialJt=No
   Joint=1142   CoordSys=GLOBAL   CoordType=Cartesian   XorR=-32.4414647345211   Y=-3.53957415629179
Z=1.60000000000002   SpecialJt=No
   Joint=1143   CoordSys=GLOBAL   CoordType=Cartesian   XorR=-32.5772511896585   Y=-2.7576771051402
Z=1.60000000000002   SpecialJt=No
   Joint=1144       CoordSys=GLOBAL       CoordType=Cartesian       XorR=-22.9183647330483       Y=-
0.999999999998863   Z=0.664999999999964   SpecialJt=No
   Joint=1145       CoordSys=GLOBAL       CoordType=Cartesian       XorR=-17.2794203812282       Y=-
0.999999999997726   Z=1.19000000000005   SpecialJt=No
   Joint=1146   CoordSys=GLOBAL   CoordType=Cartesian   XorR=-25.902889046728   Y=-4.00000000000119
Z=-0.169999999999391   SpecialJt=No
   Joint=1147   CoordSys=GLOBAL   CoordType=Cartesian   XorR=-19.9338404193686   Y=-1.99999999999886
Z=-0.686666666666042   SpecialJt=No
   Joint=1148   CoordSys=GLOBAL   CoordType=Cartesian   XorR=-19.9338404193686   Y=-3.99999999999886
Z=0.146666666667897   SpecialJt=No
   Joint=1149      CoordSys=GLOBAL      CoordType=Cartesian      XorR=-14.6250003430887      Y=-2      Z=-
0.986666666665997   SpecialJt=No
   Joint=1150   CoordSys=GLOBAL   CoordType=Cartesian   XorR=-12.4132691499735   Y=1.1369E-12   Z=-
1.57000000000005   SpecialJt=No
   Joint=1151   CoordSys=GLOBAL   CoordType=Cartesian   XorR=-16.0466798183543   Y=1.1369E-12   Z=-
1.98000000000002   SpecialJt=No
   Joint=1152   CoordSys=GLOBAL   CoordType=Cartesian   XorR=-28.9381669137702   Y=-2.56342111957144
Z=3.41999999999996   SpecialJt=No
   Joint=1153   CoordSys=GLOBAL   CoordType=Cartesian   XorR=-25.5597472003865   Y=-2.07346950538113
Z=4.91999999999996   SpecialJt=No
   Joint=1154   CoordSys=GLOBAL   CoordType=Cartesian   XorR=-28.8725036993928   Y=-2.98929446903293
Z=3.41999999999996   SpecialJt=No
   Joint=1155   CoordSys=GLOBAL   CoordType=Cartesian   XorR=-28.9934140211581   Y=-2.20510374363516
Z=3.41999999999996   SpecialJt=No
   Joint=1156       CoordSys=GLOBAL       CoordType=Cartesian       XorR=-11.9705803048337       Y=-
```

```
0.999999999997726   Z=1.54499999999996   SpecialJt=No
   Joint=1157       CoordSys=GLOBAL       CoordType=Cartesian       XorR=-6.32663595289887       Y=-
0.999999999998863   Z=1.77999999999997   SpecialJt=No
   Joint=1158       CoordSys=GLOBAL       CoordType=Cartesian       XorR=-14.6250003430887       Y=-4
Z=0.206666666667388   SpecialJt=No
   Joint=1159     CoordSys=GLOBAL     CoordType=Cartesian     XorR=-9.31616026657775     Y=-2     Z=-
0.02333333333263   SpecialJt=No
   Joint=1160   CoordSys=GLOBAL   CoordType=Cartesian   XorR=-9.31616026657775   Y=-3.99999999999886
Z=0.833333333333712   SpecialJt=No
   Joint=1161   CoordSys=GLOBAL   CoordType=Cartesian   XorR=-1.75901931966109   Y=1.1369E-12   Z=-
2.99999999999727E-02   SpecialJt=No
   Joint=1162   CoordSys=GLOBAL   CoordType=Cartesian   XorR=-5.28417100417391   Y=1.1369E-12   Z=-
0.289999999999964   SpecialJt=No
   Joint=1163   CoordSys=GLOBAL   CoordType=Cartesian   XorR=-8.83074167545601   Y=1.1369E-12   Z=-
0.779999999999973   SpecialJt=No
   Joint=1164   CoordSys=GLOBAL   CoordType=Cartesian   XorR=-21.5542054555317   Y=-1.5733082321205
Z=6.39999999999998   SpecialJt=No
   Joint=1165   CoordSys=GLOBAL   CoordType=Cartesian   XorR=-18.0010728467732   Y=-1.2011475308193
Z=7.49000000000001   SpecialJt=No
   Joint=1166       CoordSys=GLOBAL       CoordType=Cartesian       XorR=-3.33711163921907       Y=-2
Z=0.536666666667088   SpecialJt=No
   Joint=1167   CoordSys=GLOBAL   CoordType=Cartesian   XorR=0   Y=1.1369E-12   Z=0   SpecialJt=No
   Joint=1168   CoordSys=GLOBAL   CoordType=Cartesian   XorR=6.23875291550485   Y=-0.448947212670475
Z=9.63   SpecialJt=No
   Joint=1169   CoordSys=GLOBAL   CoordType=Cartesian   XorR=2.25856471710995   Y=-0.359917759047846
Z=9.87   SpecialJt=No
   Joint=1170       CoordSys=GLOBAL       CoordType=Cartesian       XorR=-9.906514842442E-04       Y=-
0.346760720957548   Z=9.91999999999996   SpecialJt=No
   Joint=1171   CoordSys=GLOBAL   CoordType=Cartesian   XorR=1.75901931966109   Y=-5.99999999999886
Z=1.88   SpecialJt=No
   Joint=1172   CoordSys=GLOBAL   CoordType=Cartesian   XorR=10.1982878097669   Y=-0.620387913275067
Z=9.14999999999998   SpecialJt=No
   Joint=1173       CoordSys=GLOBAL       CoordType=Cartesian       XorR=0       Y=-5.99999999999886
Z=1.89999999999998   SpecialJt=No
   Joint=1174   CoordSys=GLOBAL   CoordType=Cartesian   XorR=5.28417100417391   Y=-5.99999999999886
Z=1.83000000000004   SpecialJt=No
   Joint=1175   CoordSys=GLOBAL   CoordType=Cartesian   XorR=1.75901931966109   Y=-3.99999999999886
Z=1.88   SpecialJt=No
   Joint=1176       CoordSys=GLOBAL       CoordType=Cartesian       XorR=0       Y=-3.99999999999886
Z=1.89999999999998   SpecialJt=No
   Joint=1177   CoordSys=GLOBAL   CoordType=Cartesian   XorR=3.33711163921907   Y=-3.99999999999886
Z=1.87   SpecialJt=No
   Joint=1178   CoordSys=GLOBAL   CoordType=Cartesian   XorR=1.75901931966109   Y=-1.99999999999886
Z=1.88   SpecialJt=No
   Joint=1179       CoordSys=GLOBAL       CoordType=Cartesian       XorR=0       Y=-1.99999999999886
Z=1.89999999999998   SpecialJt=No
   Joint=1180   CoordSys=GLOBAL   CoordType=Cartesian   XorR=3.33711163921907   Y=-1.99999999999886
Z=1.87   SpecialJt=No
   Joint=1181   CoordSys=GLOBAL   CoordType=Cartesian   XorR=5.28417100417391   Y=-1.99999999999886
Z=1.83000000000004   SpecialJt=No
   Joint=1182   CoordSys=GLOBAL   CoordType=Cartesian   XorR=8.83074167545601   Y=-1.99999999999886
Z=1.72000000000003   SpecialJt=No
   Joint=1183   CoordSys=GLOBAL   CoordType=Cartesian   XorR=1.75901931966109   Y=1.1369E-12   Z=-
2.99999999999727E-02   SpecialJt=No
   Joint=1184       CoordSys=GLOBAL       CoordType=Cartesian       XorR=3.33711163921907       Y=-2
Z=0.536666666667088   SpecialJt=No
   Joint=1185       CoordSys=GLOBAL       CoordType=Cartesian       XorR=3.33711163921907       Y=-4
Z=1.20333333333372   SpecialJt=No
   Joint=1186     CoordSys=GLOBAL     CoordType=Cartesian     XorR=9.31616026657775     Y=-2     Z=-
0.02333333333263   SpecialJt=No
   Joint=1187   CoordSys=GLOBAL   CoordType=Cartesian   XorR=6.32663595289887   Y=-0.999999999998863
Z=1.78000000000054   SpecialJt=No
   Joint=1188   CoordSys=GLOBAL   CoordType=Cartesian   XorR=8.83074167545601   Y=1.1369E-12   Z=-
0.779999999999973   SpecialJt=No
   Joint=1189   CoordSys=GLOBAL   CoordType=Cartesian   XorR=5.28417100417391   Y=1.1369E-12   Z=-
0.289999999999964   SpecialJt=No
```

```
   Joint=1190    CoordSys=GLOBAL    CoordType=Cartesian    XorR=5.28417100417391    Y=-3.99999999999886
Z=1.83000000000004    SpecialJt=No
   Joint=1191    CoordSys=GLOBAL    CoordType=Cartesian    XorR=8.83074167545603    Y=-3.99999999999773
Z=1.72000000000003    SpecialJt=No
   Joint=1192    CoordSys=GLOBAL    CoordType=Cartesian    XorR=3.33711163921907    Y=-5.99999999999773
Z=1.87    SpecialJt=No
   Joint=1193    CoordSys=GLOBAL    CoordType=Cartesian    XorR=18.0010728467732    Y=-1.2011475308193
Z=7.49000000000001    SpecialJt=No
   Joint=1194    CoordSys=GLOBAL    CoordType=Cartesian    XorR=14.625000738738    Y=-0.91728895127892
Z=8.33000000000004    SpecialJt=No
   Joint=1195    CoordSys=GLOBAL    CoordType=Cartesian    XorR=13.8592584093476    Y=-0.852905690802743
Z=8.49000000000001    SpecialJt=No
   Joint=1196    CoordSys=GLOBAL    CoordType=Cartesian    XorR=12.4132691499735    Y=-5.99999999999886
Z=1.53999999999996    SpecialJt=No
   Joint=1197    CoordSys=GLOBAL    CoordType=Cartesian    XorR=9.31616026657775    Y=-5.99999999999886
Z=1.69000000000005    SpecialJt=No
   Joint=1198    CoordSys=GLOBAL    CoordType=Cartesian    XorR=8.83074167545601    Y=-5.99999999999886
Z=1.72000000000003    SpecialJt=No
   Joint=1199    CoordSys=GLOBAL    CoordType=Cartesian    XorR=9.31616026657775    Y=-3.99999999999773
Z=1.69000000000005    SpecialJt=No
   Joint=1200    CoordSys=GLOBAL    CoordType=Cartesian    XorR=3.35080172863763    Y=-5.99999999999886
Z=1.86971875352788    SpecialJt=No
   Joint=1201    CoordSys=GLOBAL    CoordType=Cartesian    XorR=9.31616026657775    Y=-3.99999999999886
Z=0.833333333333712    SpecialJt=No
   Joint=1202    CoordSys=GLOBAL    CoordType=Cartesian    XorR=23.5287389992263    Y=-5.99999999999886
Z=0.620000000000005    SpecialJt=No
   Joint=1203    CoordSys=GLOBAL    CoordType=Cartesian    XorR=19.9338404193686    Y=-5.99999999999886
Z=0.980000000000018    SpecialJt=No
   Joint=1204    CoordSys=GLOBAL    CoordType=Cartesian    XorR=16.0466798183543    Y=-5.99999999999886
Z=1.29999999999995    SpecialJt=No
   Joint=1205    CoordSys=GLOBAL    CoordType=Cartesian    XorR=14.6250003430887    Y=-5.99999999999886
Z=1.39999999999998    SpecialJt=No
   Joint=1206    CoordSys=GLOBAL    CoordType=Cartesian    XorR=12.4132691499735    Y=-3.99999999999886
Z=1.53999999999996    SpecialJt=No
   Joint=1207    CoordSys=GLOBAL    CoordType=Cartesian    XorR=14.6250003430887    Y=-3.99999999999886
Z=1.39999999999998    SpecialJt=No
   Joint=1208    CoordSys=GLOBAL    CoordType=Cartesian    XorR=16.0466798183543    Y=-3.99999999999886
Z=1.29999999999995    SpecialJt=No
   Joint=1209    CoordSys=GLOBAL    CoordType=Cartesian    XorR=19.9338404193686    Y=-3.99999999999886
Z=0.980000000000018    SpecialJt=No
   Joint=1210    CoordSys=GLOBAL    CoordType=Cartesian    XorR=9.31616026657775    Y=-1.99999999999886
Z=1.69000000000005    SpecialJt=No
   Joint=1211    CoordSys=GLOBAL    CoordType=Cartesian    XorR=12.4132691499735    Y=-1.99999999999886
Z=1.53999999999996    SpecialJt=No
   Joint=1212    CoordSys=GLOBAL    CoordType=Cartesian    XorR=14.6250003430887    Y=-1.99999999999886
Z=1.39999999999998    SpecialJt=No
   Joint=1213    CoordSys=GLOBAL    CoordType=Cartesian    XorR=16.0466798183543    Y=-1.99999999999886
Z=1.29999999999995    SpecialJt=No
   Joint=1214    CoordSys=GLOBAL    CoordType=Cartesian    XorR=19.9338404193686    Y=-1.99999999999886
Z=0.980000000000018    SpecialJt=No
   Joint=1215    CoordSys=GLOBAL    CoordType=Cartesian    XorR=12.4132691499735    Y=1.1369E-12    Z=-
1.57000000000005    SpecialJt=No
   Joint=1216    CoordSys=GLOBAL    CoordType=Cartesian    XorR=14.6250003430887    Y=-2    Z=-
0.986666666665997    SpecialJt=No
   Joint=1217    CoordSys=GLOBAL    CoordType=Cartesian    XorR=14.6250003430887    Y=-4
Z=0.206666666667388    SpecialJt=No
   Joint=1218    CoordSys=GLOBAL    CoordType=Cartesian    XorR=19.9338404193686    Y=-3.99999999999886
Z=0.146666666667897    SpecialJt=No
   Joint=1219    CoordSys=GLOBAL    CoordType=Cartesian    XorR=11.9705803048337    Y=-0.999999999998863
Z=1.54499999999996    SpecialJt=No
   Joint=1220    CoordSys=GLOBAL    CoordType=Cartesian    XorR=17.2794203812282    Y=-0.999999999997726
Z=1.19000000000005    SpecialJt=No
   Joint=1221    CoordSys=GLOBAL    CoordType=Cartesian    XorR=27.4105912479381    Y=-5.99999999999886
Z=0.159999999999968    SpecialJt=No
   Joint=1222    CoordSys=GLOBAL    CoordType=Cartesian    XorR=25.902889046728    Y=-5.99999999999886
Z=0.350000000000023    SpecialJt=No
```

```
   Joint=1223    CoordSys=GLOBAL    CoordType=Cartesian    XorR=23.5287389992263    Y=-3.99999999999886
Z=0.620000000000005    SpecialJt=No
   Joint=1224    CoordSys=GLOBAL    CoordType=Cartesian    XorR=25.902889046728    Y=-3.99999999999886
Z=0.350000000000023    SpecialJt=No
   Joint=1225    CoordSys=GLOBAL    CoordType=Cartesian    XorR=27.4105912479381    Y=-3.99999999999886
Z=0.159999999999968    SpecialJt=No
   Joint=1226    CoordSys=GLOBAL    CoordType=Cartesian    XorR=23.5287389992263    Y=-1.99999999999886
Z=0.620000000000005    SpecialJt=No
   Joint=1227    CoordSys=GLOBAL    CoordType=Cartesian    XorR=25.902889046728    Y=-1.99999999999886
Z=0.350000000000023    SpecialJt=No
   Joint=1228    CoordSys=GLOBAL    CoordType=Cartesian    XorR=23.5287389992263    Y=1.1369E-12    Z=-
1.27999999999997    SpecialJt=No
   Joint=1229    CoordSys=GLOBAL    CoordType=Cartesian    XorR=16.0466798183543    Y=1.1369E-12    Z=-
1.98000000000002    SpecialJt=No
   Joint=1230    CoordSys=GLOBAL    CoordType=Cartesian    XorR=19.9338404193686    Y=-1.99999999999886
Z=-0.686666666666042    SpecialJt=No
   Joint=1231    CoordSys=GLOBAL    CoordType=Cartesian    XorR=25.902889046728    Y=-3.99999999999653
Z=-0.1700000000003    SpecialJt=No
   Joint=1232    CoordSys=GLOBAL    CoordType=Cartesian    XorR=25.902889046728    Y=-2    Z=-
0.689999999999714    SpecialJt=No
   Joint=1233    CoordSys=GLOBAL    CoordType=Cartesian    XorR=31.4100387563631    Y=-3.99999999999886
Z=-0.380000000000136    SpecialJt=No
   Joint=1234    CoordSys=GLOBAL    CoordType=Cartesian    XorR=22.9183647330483    Y=-0.999999999998863
Z=0.664999999999964    SpecialJt=No
   Joint=1235    CoordSys=GLOBAL    CoordType=Cartesian    XorR=27.4105912479381    Y=-1.99999999999886
Z=0.159999999999968    SpecialJt=No
   Joint=1236    CoordSys=GLOBAL    CoordType=Cartesian    XorR=27.4105912479381    Y=1.1369E-12    Z=-
1.20000000000004    SpecialJt=No
   Joint=1237    CoordSys=GLOBAL    CoordType=Cartesian    XorR=28.656463901546    Y=-1    Z=-
1.50000000001001E-02    SpecialJt=No
   Joint=1238    CoordSys=GLOBAL    CoordType=Cartesian    XorR=31.4100387563703    Y=-4    Z=-
0.696666666666374    SpecialJt=No
   Joint=1239    CoordSys=GLOBAL    CoordType=Cartesian    XorR=-3.33711163921998    Y=-3.99999999999773
Z=1.87    SpecialJt=No
   Joint=1240    CoordSys=GLOBAL    CoordType=Cartesian    XorR=-1.75901931966018    Y=-3.99999999999773
Z=1.88    SpecialJt=No
   Joint=1241    CoordSys=GLOBAL    CoordType=Cartesian    XorR=-1.7590193196611    Y=-5.99999999999886
Z=1.88    SpecialJt=No
   Joint=1242    CoordSys=GLOBAL    CoordType=Cartesian    XorR=-3.33711163921907    Y=-5.99999999999773
Z=1.87    SpecialJt=No
   Joint=1243    CoordSys=GLOBAL    CoordType=Cartesian    XorR=-5.28417100417391    Y=-3.99999999999886
Z=1.83000000000004    SpecialJt=No
   Joint=1244    CoordSys=GLOBAL    CoordType=Cartesian    XorR=-5.28417100417391    Y=-5.99999999999886
Z=1.83000000000004    SpecialJt=No
   Joint=1245    CoordSys=GLOBAL    CoordType=Cartesian    XorR=-3.33711163921907    Y=-1.99999999999886
Z=1.87    SpecialJt=No
   Joint=1246    CoordSys=GLOBAL    CoordType=Cartesian    XorR=-1.7590193196611    Y=-1.99999999999773
Z=1.88    SpecialJt=No
   Joint=1247    CoordSys=GLOBAL    CoordType=Cartesian    XorR=-3.33711163921907    Y=-4
Z=1.20333333333372    SpecialJt=No
   Joint=1248    CoordSys=GLOBAL    CoordType=Cartesian    XorR=-3.35080172863763    Y=-5.99999999999886
Z=1.86971875352788    SpecialJt=No
   Joint=1249    CoordSys=GLOBAL    CoordType=Cartesian    XorR=-13.8592584093476    Y=-
0.852905690802743    Z=8.49000000000001    SpecialJt=No
   Joint=1250    CoordSys=GLOBAL    CoordType=Cartesian    XorR=-10.1982878097669    Y=-
0.620387913275067    Z=9.14999999999998    SpecialJt=No
   Joint=1251    CoordSys=GLOBAL    CoordType=Cartesian    XorR=-6.23875291550485    Y=-
0.448947212670475    Z=9.63    SpecialJt=No
   Joint=1252    CoordSys=GLOBAL    CoordType=Cartesian    XorR=-14.625000738738    Y=-0.91728895127892
Z=8.33000000000004    SpecialJt=No
   Joint=1253    CoordSys=GLOBAL    CoordType=Cartesian    XorR=-2.25856471711359    Y=-
0.359917759225937    Z=9.87    SpecialJt=No
   Joint=1254    CoordSys=GLOBAL    CoordType=Cartesian    XorR=9.906514842442E-04    Y=-
0.346760720957548    Z=9.91999999999996    SpecialJt=No
   Joint=1255    CoordSys=GLOBAL    CoordType=Cartesian    XorR=25.5597472003865    Y=-2.07346950538113
Z=4.91999999999996    SpecialJt=No
```

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   Joint=1256    CoordSys=GLOBAL    CoordType=Cartesian    XorR=21.5542054555317    Y=-1.5733082321205
Z=6.39999999999998    SpecialJt=No
   Joint=1257    CoordSys=GLOBAL    CoordType=Cartesian    XorR=32.4414647345211    Y=-3.53957415629179
Z=1.60000000000002    SpecialJt=No
   Joint=1258    CoordSys=GLOBAL    CoordType=Cartesian    XorR=28.8725036993928    Y=-2.98929446903293
Z=3.41999999999996    SpecialJt=No
   Joint=1259    CoordSys=GLOBAL    CoordType=Cartesian    XorR=32.5772511896585    Y=-2.75767710513787
Z=1.60000000000002    SpecialJt=No
   Joint=1260    CoordSys=GLOBAL    CoordType=Cartesian    XorR=28.993414021159    Y=-2.20510374363516
Z=3.41999999999996    SpecialJt=No
   Joint=1261    CoordSys=GLOBAL    CoordType=Cartesian    XorR=28.9381669137701    Y=-2.56342111957144
Z=3.41999999999996    SpecialJt=No
   Joint=1262    CoordSys=GLOBAL    CoordType=Cartesian    XorR=31.410038756364    Y=-5.99999999999886
Z=-0.379999999999995    SpecialJt=No
   Joint=1263    CoordSys=GLOBAL    CoordType=Cartesian    XorR=35.8788691685113    Y=-4.16921015944683
Z=-0.32000000000005    SpecialJt=No
   Joint=1264    CoordSys=GLOBAL    CoordType=Cartesian    XorR=36.0290431664334    Y=-3.38994850246121
Z=-0.32000000000005    SpecialJt=No
   Joint=1265    CoordSys=GLOBAL    CoordType=Cartesian    XorR=38.0469268424395    Y=-5.99999999999886
Z=-1.76760000000001    SpecialJt=No
   Joint=1266    CoordSys=GLOBAL    CoordType=Cartesian    XorR=38.0469268424395    Y=-3.99999999999886
Z=-1.76760000000001    SpecialJt=No
   Joint=1267    CoordSys=GLOBAL    CoordType=Cartesian    XorR=31.410038756364    Y=-1.99999999999886
Z=-0.379999999999995    SpecialJt=No
   Joint=1268    CoordSys=GLOBAL    CoordType=Cartesian    XorR=31.4100387563703    Y=-2.00000000000466
Z=-1.01333333333241    SpecialJt=No
   Joint=1269    CoordSys=GLOBAL    CoordType=Cartesian    XorR=34.7284827993999    Y=-0.999999999998863
Z=-1.07379999999955    SpecialJt=No
   Joint=1270    CoordSys=GLOBAL    CoordType=Cartesian    XorR=45.526849641873    Y=-6.29053269215513
Z=-7.54999999999995    SpecialJt=No
   Joint=1271    CoordSys=GLOBAL    CoordType=Cartesian    XorR=42.3722270760636    Y=-5.5388389276597
Z=-4.97000000000003    SpecialJt=No
   Joint=1272    CoordSys=GLOBAL    CoordType=Cartesian    XorR=45.7168996384143    Y=-5.52002509400137
Z=-7.54999999999995    SpecialJt=No
   Joint=1273    CoordSys=GLOBAL    CoordType=Cartesian    XorR=42.5495795648658    Y=-4.76530996587826
Z=-4.97000000000003    SpecialJt=No
   Joint=1274    CoordSys=GLOBAL    CoordType=Cartesian    XorR=39.1929212117911    Y=-4.83857084168704
Z=-2.51999999999998    SpecialJt=No
   Joint=1275    CoordSys=GLOBAL    CoordType=Cartesian    XorR=38.0595154129896    Y=-4.60964948836136
Z=-1.76760000000001    SpecialJt=No
   Joint=1276    CoordSys=GLOBAL    CoordType=Cartesian    XorR=39.3569664508532    Y=-4.06211084945363
Z=-2.51999999999998    SpecialJt=No
   Joint=1277    CoordSys=GLOBAL    CoordType=Cartesian    XorR=38.1056672959267    Y=-3.80937780698764
Z=-1.69280000001902    SpecialJt=No
   Joint=1278    CoordSys=GLOBAL    CoordType=Cartesian    XorR=38.0469268424395    Y=-1.99999999999886
Z=-1.76760000000001    SpecialJt=No
   Joint=1281    CoordSys=GLOBAL    CoordType=Cartesian    XorR=0    Y=1    Z=1.87    SpecialJt=No
   Joint=1282       CoordSys=GLOBAL       CoordType=Cartesian       XorR=4.44089209850063E-16       Y=-
0.999999999999431    Z=1.87    SpecialJt=No

TABLE:  "JOINT PATTERN DEFINITIONS"
   Pattern=DEFAULT

TABLE:  "JOINT RESTRAINT ASSIGNMENTS"
   Joint=828    U1=Yes    U2=Yes    U3=Yes    R1=No    R2=Yes    R3=Yes
   Joint=829    U1=Yes    U2=Yes    U3=Yes    R1=No    R2=Yes    R3=Yes
   Joint=846    U1=Yes    U2=Yes    U3=Yes    R1=Yes    R2=Yes    R3=Yes
   Joint=848    U1=Yes    U2=Yes    U3=Yes    R1=Yes    R2=Yes    R3=Yes
   Joint=962    U1=Yes    U2=Yes    U3=Yes    R1=Yes    R2=Yes    R3=Yes
   Joint=964    U1=Yes    U2=Yes    U3=Yes    R1=Yes    R2=Yes    R3=Yes
   Joint=975    U1=Yes    U2=Yes    U3=Yes    R1=No    R2=Yes    R3=Yes
   Joint=977    U1=Yes    U2=Yes    U3=Yes    R1=No    R2=Yes    R3=Yes
   Joint=1136    U1=Yes    U2=Yes    U3=Yes    R1=Yes    R2=Yes    R3=Yes
   Joint=1137    U1=Yes    U2=Yes    U3=Yes    R1=Yes    R2=Yes    R3=Yes
   Joint=1270    U1=Yes    U2=Yes    U3=Yes    R1=Yes    R2=Yes    R3=Yes
   Joint=1272    U1=Yes    U2=Yes    U3=Yes    R1=Yes    R2=Yes    R3=Yes
```

```
TABLE:  "LOAD CASE DEFINITIONS"
   LoadCase=DEAD   DesignType=DEAD   SelfWtMult=1
   LoadCase=neve   DesignType=DEAD   SelfWtMult=0
   LoadCase=vex   DesignType=DEAD   SelfWtMult=0
   LoadCase=sp   DesignType=DEAD   SelfWtMult=0
   LoadCase=vey   DesignType=DEAD   SelfWtMult=0
   LoadCase=term   DesignType=DEAD   SelfWtMult=0

TABLE:  "MASSES 1 - MASS SOURCE"
   MassFrom=All   LoadCase=sp   Multiplier=1

TABLE:  "MATERIAL PROPERTIES 01 - GENERAL"
   Material=ALUM         Type=Isotropic         DesignType=Aluminum         UnitMass=2.71447161004558
UnitWeight=26.6018217784467       E=69637054.6841094       U=0.33       A=0.00002358       MDampRatio=0
VDampMass=0   VDampStiff=0   HDampMass=0   HDampStiff=0   Color=Magenta
   Material=CLDFRM        Type=Isotropic        DesignType=ColdFormed        UnitMass=7.84904737995992
UnitWeight=76.9728639422648   E=203395357.740715   U=0.3   A=0.0000117   MDampRatio=0   VDampMass=0
VDampStiff=0   HDampMass=0   HDampStiff=0   Color=Yellow
   Material=CONC         Type=Isotropic         DesignType=Concrete         UnitMass=2.40276960611018
UnitWeight=23.563121614979   E=24821128.4022568   U=0.2   A=0.0000099   MDampRatio=0   VDampMass=0
VDampStiff=0   HDampMass=0   HDampStiff=0   Color=Red
   Material=cop    Type=Isotropic    DesignType=Steel    UnitMass=5.1    UnitWeight=50    E=199900000
U=0.3    A=0.0000117    MDampRatio=0    VDampMass=0    VDampStiff=0    HDampMass=0    HDampStiff=0
Color=Cyan
   Material=OTHER          Type=Isotropic          DesignType=None          UnitMass=2.40067976061392
UnitWeight=23.5616135751957   E=24821128.4022568   U=0.2   A=0.0000099   MDampRatio=0   VDampMass=0
VDampStiff=0   HDampMass=0   HDampStiff=0   Color=White
   Material=STEEL         Type=Isotropic         DesignType=Steel         UnitMass=7.84904737995992
UnitWeight=76.9728639422648   E=199947978.795958   U=0.3   A=0.0000117   MDampRatio=0   VDampMass=0
VDampStiff=0   HDampMass=0   HDampStiff=0   Color=Cyan

TABLE:  "PROGRAM CONTROL"
   ProgramName=SAP2000       Version=9.0.3       CurrUnits="KN,  m,  C"       SteelCode=AISC-LRFD93
ConcCode="ACI 318-02"   AlumCode="AA-ASD 2000"   ColdCode=AISI-ASD96

END TABLE DATA
```