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Roof Calculation Book
for
STORAGE TANK
4501/A/B/C
(Based on API-650)

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ROOF STRUCTURE

Introduction:

This Calculation book covers the analysis and design of one vertical supported fixed Dome roof for storage tank 4501/A/B/C in BANDAR ASSALUYEH-IRAN.

The inside diameter and height of storage tank is 63000 mm.

Other technical information has written below:

Roof internal diameter is: 63000 mm=63 m.

Corrosion allowance is: 3 mm=0.003 m.

Wind velocity at 10 m is: 125 km/h.

Earthquake factor Z is: 0.4.

Roof plate thickness is: 8 mm=0.008 m.

Shell height =24.1 m

Used Codes:

- 1- AISC (American Institute of Steel Construction).
- 2- ASCE (American Society of Civil Engineering).
- 3- UBC 1997 (Uniform Building code).
- 4- API -650 (American Petroleum Institute).
- 5- API -620 (American Petroleum Institute).

Structural Properties and Materials:

Structural steel is: ST-37

With:

$F_y = 2400 \text{ kg/cm}^2$ and $E = 2.1 \cdot 10^6 \text{ kg/cm}^2$.

Analysis and Design method:

The roof of steel structure have been modeled in sap2000 (v8.3.3) software and the software design members with defined load combination. The output data is shown at the end of calculation book.

Load cases:

Load which acts on storage tank's roof are:

- 1- Dead load: Include weight of roof plate plus weight of steel structure.
- 2- Live load.
- 3- Un balanced live load + emergency Venting.
- 4- Snow load.
- 5- Earthquake load.
- 6- Vacuum load.
- 8- Wind load.

Note:

According to API-650(3.10.6.1) maximum spacing between rafters (center to center) is:

$$\text{Minimum radius} = 0.8 * D$$

$$\text{Maximum radius} = 1.2 * D$$

$$D \text{ in this manner is: } 50000/63000 = 0.79365$$

Load Case:

1-Dead load:

With assume roof plate thickness = 8mm = 0.008 m

Weight of plate in unit area is:

$$W = 0.008 * 7850 = 62.8 \text{ kg/m}^2$$

The weights of structural members automatically were calculated by software.

The amount of dead load exerted on main rafters as a trapozadial distributed load.

2-Live load:

The value of uniform live load is 125 kg/m². This load shall be exerted to the main rafter as trapozadial distributed load.

3-Snow load:

The value of uniform snow load for ASSALUYEH is 25 kg/m² that shall be exerted on main rafters as a trapozadial distributed load.

4- Earthquake load:

This load which its value is equal to 20% of the permanent load that we consider (D.L+Snow) for conservation, acts on structure and with assume Z=0.4 in zone "4" the coefficient factor C is:

$$Fr = 0.6 * Z * I * W_r \quad \text{so} \quad C = 0.6 * Z * I$$

Then :

$$C = 0.6 * 0.4 * 1.25 = 0.3 \quad (\text{Importance factor} = 1.25)$$

This coefficient is applied as user coefficient in load case of sap 2000 software.

5-vacuum load:

This load takes -60 kg/m² on projection area in calculation and acts on structure as trapozadial distributed load.

6- Wind load:

From API-650 PART(3.11.1) the wind load or pressure shall be assumed to be 0.72 kpa on projected area so :

$$\text{Wind} = 0.72 \text{ kpa} = 72 \text{ kg/m}^2$$

Load combination:

- 1-D.L.
- 2-D.L.+L.L
- 3-D.L.+U.L.
- 4-D.L.+S.L.
- 5-D.L.+EQX
- 6-D.L.-EQX
- 7-D.L.+EQY
- 8-D.L.-EQY
- 9-D.L.+L.L.+EQX
- 10- D.L.+L.L.-EQX
- 11- D.L.+L.L.+EQY
- 12- D.L.+L.L.-EQY
- 13- D.L.+UL.L.+EQX
- 14- D.L.+UL.L.-EQX
- 15- D.L.+UL.L.+EQY
- 16- D.L.+UL.L.-EQY
- 17- D.L.+S.L.+EQX
- 18- D.L.+S.L.-EQX
- 19- D.L.+S.L.+EQY
- 20- D.L.+S.L.-EQY
- 21- D.L.+VACUUM
- 22- D.L.+VACUUM+S.L
- 23- D.L.+VACUUM +EQX
- 24- D.L.+VACUUM- EQX
- 25- D.L.+VACUUM+EQY
- 26- D.L.+VACUUM -EQY
- 27-D.L.+WL
- 28-D.L.- WL
- 29-D.L.+L.L.+WL
- 30-D.L.+L.L.- WL
- 31- D.L.+UL.L.+WL
- 32- D.L.+UL.L.-WL
- 33- D.L.+S.L.+WL
- 34- D.L.+S.L.-WL
- 35- D.L.+VACUUM+WL
- 36- D.L.+VACUUM-WL

Load calculations:

For main rafters in roof structure and
With plate thickness = 8 mm =0.008 m

We have:

Weight per unit area = $7850 \times 0.008 = 62.8 \text{ kg/m}^2$

		DEAD = $0.008 \times 7850 = 62.8$								
	N.O.	AREA	TOTAL AREA	L	Weight	W 0	W 0 * L	Weight - W 0 * L	W 1	W 2
1	4	0.1782	0.7128	2.1335	44.76384	0	0	44.76384	41.96282	41.96282
2	4	0.5333	2.1332	2.1297	133.965	41.96282	89.36822	44.59673872	41.88077	83.84359
3	4	0.8878	3.5512	2.1297	223.0154	83.84359	178.5617	44.45366128	41.74641	125.59
4	4	1.2407	4.9628	2.1297	311.6638	125.59	267.469	44.19481872	41.50333	167.0933
5	2	1.5914	3.1828	2.1297	199.8798	83.54666	177.9293	21.95051064	20.61371	104.1604
6	2	1.9391	3.8782	2.1297	243.551	104.1604	221.8304	21.72060936	20.39781	124.5582
7	2	2.2831	4.5662	2.1297	286.7574	124.5582	265.2716	21.48579064	20.17729	144.7355
8	2	2.6236	5.2472	2.1297	329.5242	144.7355	308.2432	21.28100936	19.98498	164.7205
9	2	2.959	5.918	2.1297	371.6504	164.7205	350.8052	20.84523064	19.57574	184.2962
10	2	3.289	6.578	2.1297	413.0984	184.2962	392.4956	20.60276936	19.34805	203.6443
11	1	3.6131	3.6131	2.1297	226.9027	101.8221	216.8506	10.05209532	9.439917	111.262
12	1	3.9307	3.9307	2.1297	246.848	111.262	236.9548	9.893184681	9.290684	120.5527
13	1	4.2412	4.2412	2.1297	266.3474	120.5527	256.7411	9.606215319	9.021191	129.5739
14	1	4.544	4.544	2.1297	285.3632	129.5739	275.9536	9.409624681	8.836573	138.4105
15	1	4.8386	4.8386	2.1297	303.8641	138.4105	294.7728	9.091255319	8.537592	146.9481
16	1	5.1244	5.1244	2.1297	321.8123	146.9481	312.9553	8.856984681	8.317589	155.2657

We assume live load = 125 kg/m^2

		LIVE = 125								
	N.O.	AREA	TOTAL AREA	L	Weight	W 0	W 0 * L	Weight - W 0 * L	W 1	W 2
1	4	0.1782	0.7128	2.1335	89.1	0	0	89.1	83.52472	83.52472
2	4	0.5333	2.1332	2.1297	266.65	83.52472	177.882606	88.76739395	83.36141	166.8861
3	4	0.8878	3.5512	2.1297	443.9	166.8861	355.417394	88.48260605	83.09396	249.9801
4	4	1.2407	4.9628	2.1297	620.35	249.9801	532.382606	87.96739395	82.61013	332.5902
5	2	1.5914	3.1828	2.1297	397.85	166.2951	354.158697	43.69130302	41.03048	207.3256
6	2	1.9391	3.8782	2.1297	484.775	207.3256	441.541303	43.23369698	40.60074	247.9263
7	2	2.2831	4.5662	2.1297	570.775	247.9263	528.008697	42.76630302	40.16181	288.0881
8	2	2.6236	5.2472	2.1297	655.9	288.0881	613.541303	42.35869698	39.77903	327.8672
9	2	2.959	5.918	2.1297	739.75	327.8672	698.258697	41.49130302	38.96446	366.8316
10	2	3.289	6.578	2.1297	822.25	366.8316	781.241303	41.00869698	38.51124	405.3429
11	1	3.6131	3.6131	2.1297	451.6375	202.6714	431.6293485	20.00815151	18.78964	221.4611
12	1	3.9307	3.9307	2.1297	491.3375	221.4611	471.6456515	19.69184849	18.4926	239.9537
13	1	4.2412	4.2412	2.1297	530.15	239.9537	511.0293485	19.12065151	17.95619	257.9099
14	1	4.544	4.544	2.1297	568	257.9099	549.2706515	18.72934849	17.58872	275.4986
15	1	4.8386	4.8386	2.1297	604.825	275.4986	586.7293485	18.09565151	16.99362	292.4922
16	1	5.1244	5.1244	2.1297	640.55	292.4922	622.9206515	17.62934849	16.55571	309.0479

We assume snow load = 25 kg/m^2

SNOW = 25										
	N.O.	AREA	TOTAL AREA	L	Weight	W 0	W 0 * L	Weight - W 0 * L	W 1	W 2
1	4	0.1782	0.7128	2.1335	17.82	0	0	17.82	16.70494	16.70494
2	4	0.5333	2.1332	2.1297	53.33	16.70494	35.57652	17.75347879	16.67228	33.37723
3	4	0.8878	3.5512	2.1297	88.78	33.37723	71.08348	17.69652121	16.61879	49.99602
4	4	1.2407	4.9628	2.1297	124.07	49.99602	106.4765	17.59347879	16.52203	66.51804
5	2	1.5914	3.1828	2.1297	79.57	33.25902	70.83174	8.738260605	8.206095	41.46512
6	2	1.9391	3.8782	2.1297	96.955	41.46512	88.30826	8.646739395	8.120148	49.58527
7	2	2.2831	4.5662	2.1297	114.155	49.58527	105.6017	8.553260605	8.032362	57.61763
8	2	2.6236	5.2472	2.1297	131.18	57.61763	122.7083	8.471739395	7.955805	65.57343
9	2	2.959	5.918	2.1297	147.95	65.57343	139.6517	8.298260605	7.792892	73.36632
10	2	3.289	6.578	2.1297	164.45	73.36632	156.2483	8.201739395	7.702249	81.06857
11	1	3.6131	3.6131	2.1297	90.3275	40.53429	86.32587	4.001630302	3.757929	44.29222
12	1	3.9307	3.9307	2.1297	98.2675	44.29222	94.32913	3.938369698	3.698521	47.99074
13	1	4.2412	4.2412	2.1297	106.03	47.99074	102.2059	3.824130302	3.591238	51.58197
14	1	4.544	4.544	2.1297	113.6	51.58197	109.8541	3.745869698	3.517744	55.09972
15	1	4.8386	4.8386	2.1297	120.965	55.09972	117.3459	3.619130302	3.398723	58.49844
16	1	5.1244	5.1244	2.1297	128.11	58.49844	124.5841	3.525869698	3.311142	61.80958

We assume unbalance live load+Emergency Venting =62.5 kg/m²

U.L.LIVE = 62.5										
	N.O.	AREA	TOTAL AREA	L	Weight	W 0	W 0 * L	Weight - W 0 * L	W 1	W 2
1	4	0.1782	0.7128	2.1335	44.55	0	0	44.55	41.76236	41.76236
2	4	0.5333	2.1332	2.1297	133.325	41.76236	88.9413	44.38369698	41.6807	83.44307
3	4	0.8878	3.5512	2.1297	221.95	83.44307	177.7087	44.24130302	41.54698	124.99
4	4	1.2407	4.9628	2.1297	310.175	124.99	266.1913	43.98369698	41.30506	166.2951
5	2	1.5914	3.1828	2.1297	198.925	83.14756	177.0793	21.84565151	20.51524	103.6628
6	2	1.9391	3.8782	2.1297	242.3875	103.6628	220.7707	21.61684849	20.30037	123.9632
7	2	2.2831	4.5662	2.1297	285.3875	123.9632	264.0043	21.38315151	20.0809	144.0441
8	2	2.6236	5.2472	2.1297	327.95	144.0441	306.7707	21.17934849	19.88951	163.9336
9	2	2.959	5.918	2.1297	369.875	163.9336	349.1293	20.74565151	19.48223	183.4158
10	2	3.289	6.578	2.1297	411.125	183.4158	390.6207	20.50434849	19.25562	202.6714
11	1	3.6131	3.6131	2.1297	225.8188	101.3357	215.8147	10.00407576	9.394822	110.7305
12	1	3.9307	3.9307	2.1297	245.6688	110.7305	235.8228	9.845924244	9.246302	119.9768
13	1	4.2412	4.2412	2.1297	265.075	119.9768	255.5147	9.560325756	8.978096	128.9549
14	1	4.544	4.544	2.1297	284	128.9549	274.6353	9.364674244	8.79436	137.7493
15	1	4.8386	4.8386	2.1297	302.4125	137.7493	293.3647	9.047825756	8.496808	146.2461
16	1	5.1244	5.1244	2.1297	320.275	146.2461	311.4603	8.814674244	8.277855	154.524

We assume Vacuum load=-60 kg/m² on projected area.

$$\text{Area} = \Pi/4 * D^2 = 3117.245 \text{ m}^2$$

$$\text{Vaccume} = 60 * 3117.245 = 187034.7 \text{ kg} = 187.0347 \text{ ton}$$

For one quarter of roof:

$$\text{Vaccume} = 46.76 \text{ ton}$$

And for each rafter we have:

$$\text{Vaccume} = 46.76/5 = 9.352 \text{ ton}$$

$$L = 31.9455 \text{ m}$$

$$\text{Vaccume} = 292.75 \text{ kg/m}$$

We assume Wind load=72 kg/m²

$$\text{Area} = \Pi/4 * D^2 = 3117.245 \text{ m}^2$$

$$\text{wind} = 72 * 3117.245 = 224441.64 \text{ kg} = 224.441 \text{ ton}$$

For one quarter of roof:

$$\text{wind} = 56.11041 \text{ ton}$$

And for each rafter we have:

wind=56.11041/5 =11.222 ton
L=31.9455 m
wind =351.288 kg/m

Deflection Control:

For Dead+Live case the deflection must be $\leq L/240$ (UBC-97,Table16-D) so
Maximum deflection =31945.5/240=133.10625 mm =0.1331 m
With sap analysis we get maximum deflection in Dead+Live case =13.4523 mm so
13.4523 mm \leq 133.10625 mm o.k.

Model Definition:

SAP2000 v8.3.3 File: 1 7/17/06 11:48:47

Table: Active Degrees of Freedom

UX	UY	UZ	RX	RY	RZ
Yes/No	Yes/No	Yes/No	Yes/No	Yes/No	Yes/No
Yes	Yes	Yes	Yes	Yes	Yes

Table: Analysis Case Definitions

Case Text	Type Text	InitialCond Text	ModalCase Text
DEAD	LinStatic	Zero	
LIVE	LinStatic	Zero	
EQx	LinStatic	Zero	
WIND	LinStatic	Zero	
SNOW	LinStatic	Zero	
ULL	LinStatic	Zero	
EQy	LinStatic	Zero	
vaccum	LinStatic	Zero	

Table: Auto Seismic - User Coefficient, Part 1 of 2

LoadCase Text	Dir Text	PercentEcc Unitless	EccOverride Yes/No	MaxZ m	MinZ m	C Unitless	K Unitless
EQx	X	0.050000	No	11.17020	0.00000	0.364000	1.000000
EQy	Y	0.050000	No	11.17020	0.00000	0.364000	1.000000

Table: Auto Seismic - User Coefficient, Part 2 of 2

LoadCase Text	WeightUsed Kgf	BaseShear Kgf
EQx	438998.69	159795.52
EQy	438998.69	159795.52

Table: Auto Seismic Loads To Joints, Part 1 of 2

LoadCase Text	AutoLdType Text	JointElem Text	Joint Kgf	FX Kgf	FY Kgf	FZ Kgf-m	MX
EQx	USER COEFF	3	3	48.47	0.00	0.00	0.00
EQx	USER COEFF	4	4	48.57	0.00	0.00	0.00
EQx	USER COEFF	6	6	48.57	0.00	0.00	0.00
EQx	USER COEFF	8	8	48.47	0.00	0.00	0.00
EQx	USER COEFF	10	10	48.57	0.00	0.00	0.00
EQx	USER COEFF	12	12	48.47	0.00	0.00	0.00
EQx	USER COEFF	14	14	48.57	0.00	0.00	0.00
EQx	USER COEFF	16	16	48.47	0.00	0.00	0.00
EQx	USER COEFF	18	18	48.57	0.00	0.00	0.00
EQx	USER COEFF	20	20	48.47	0.00	0.00	0.00
EQx	USER COEFF	22	22	48.57	0.00	0.00	0.00
EQx	USER COEFF	24	24	48.86	0.00	0.00	0.00

Roof Calculation Book

for
CONDENSATE STORAGE TANK

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EQx USER COEFF	26	26	48.96	0.00	0.00	0.00
EQx USER COEFF	28	28	48.86	0.00	0.00	0.00
EQx USER COEFF	30	30	48.96	0.00	0.00	0.00
EQx USER COEFF	32	32	48.86	0.00	0.00	0.00
EQx USER COEFF	34	34	48.96	0.00	0.00	0.00
EQx USER COEFF	36	36	48.86	0.00	0.00	0.00
EQx USER COEFF	38	38	48.96	0.00	0.00	0.00
EQx USER COEFF	40	40	48.86	0.00	0.00	0.00
EQx USER COEFF	42	42	48.96	0.00	0.00	0.00
EQx USER COEFF	44	44	48.86	0.00	0.00	0.00
EQx USER COEFF	46	46	48.96	0.00	0.00	0.00
EQx USER COEFF	48	48	48.86	0.00	0.00	0.00
EQx USER COEFF	50	50	48.96	0.00	0.00	0.00
EQx USER COEFF	52	52	48.86	0.00	0.00	0.00
EQx USER COEFF	54	54	48.96	0.00	0.00	0.00
EQx USER COEFF	56	56	48.86	0.00	0.00	0.00
EQx USER COEFF	58	58	48.96	0.00	0.00	0.00
EQx USER COEFF	60	60	48.86	0.00	0.00	0.00
EQx USER COEFF	62	62	48.96	0.00	0.00	0.00
EQx USER COEFF	64	64	48.86	0.00	0.00	0.00
EQx USER COEFF	66	66	48.96	0.00	0.00	0.00
EQx USER COEFF	68	68	48.86	0.00	0.00	0.00
EQx USER COEFF	70	70	48.96	0.00	0.00	0.00
EQx USER COEFF	72	72	48.86	0.00	0.00	0.00
EQx USER COEFF	74	74	48.96	0.00	0.00	0.00
EQx USER COEFF	76	76	48.86	0.00	0.00	0.00
EQx USER COEFF	78	78	48.96	0.00	0.00	0.00
EQx USER COEFF	80	80	48.86	0.00	0.00	0.00
EQx USER COEFF	82	82	48.96	0.00	0.00	0.00
EQx USER COEFF	84	84	48.86	0.00	0.00	0.00
EQx USER COEFF	86	86	48.56	0.00	0.00	0.00
EQx USER COEFF	88	88	48.45	0.00	0.00	0.00
EQx USER COEFF	90	90	48.56	0.00	0.00	0.00
EQx USER COEFF	92	92	48.86	0.00	0.00	0.00
EQx USER COEFF	94	94	48.96	0.00	0.00	0.00
EQx USER COEFF	96	96	48.86	0.00	0.00	0.00
EQx USER COEFF	98	98	48.96	0.00	0.00	0.00
EQx USER COEFF	100	100	48.47	0.00	0.00	0.00
EQx USER COEFF	102	102	48.56	0.00	0.00	0.00
EQx USER COEFF	104	104	48.45	0.00	0.00	0.00
EQx USER COEFF	106	106	48.56	0.00	0.00	0.00
EQx USER COEFF	108	108	48.47	0.00	0.00	0.00
EQx USER COEFF	110	110	48.57	0.00	0.00	0.00
EQx USER COEFF	112	112	48.47	0.00	0.00	0.00
EQx USER COEFF	114	114	48.57	0.00	0.00	0.00
EQx USER COEFF	116	116	48.47	0.00	0.00	0.00
EQx USER COEFF	118	118	48.57	0.00	0.00	0.00
EQx USER COEFF	120	120	48.47	0.00	0.00	0.00
EQx USER COEFF	122	122	48.57	0.00	0.00	0.00
EQx USER COEFF	124	124	48.47	0.00	0.00	0.00
EQx USER COEFF	126	126	48.57	0.00	0.00	0.00
EQx USER COEFF	128	128	48.47	0.00	0.00	0.00
EQx USER COEFF	130	130	48.57	0.00	0.00	0.00
EQx USER COEFF	132	132	48.47	0.00	0.00	0.00
EQx USER COEFF	134	134	48.57	0.00	0.00	0.00
EQx USER COEFF	136	136	48.47	0.00	0.00	0.00
EQx USER COEFF	138	138	48.57	0.00	0.00	0.00
EQx USER COEFF	140	140	48.47	0.00	0.00	0.00
EQx USER COEFF	142	142	48.57	0.00	0.00	0.00
EQx USER COEFF	144	144	48.47	0.00	0.00	0.00
EQx USER COEFF	146	146	48.57	0.00	0.00	0.00
EQx USER COEFF	148	148	48.47	0.00	0.00	0.00
EQx USER COEFF	150	150	48.57	0.00	0.00	0.00
EQx USER COEFF	152	152	48.47	0.00	0.00	0.00
EQx USER COEFF	154	154	48.57	0.00	0.00	0.00
EQx USER COEFF	156	156	48.47	0.00	0.00	0.00
EQx USER COEFF	158	158	48.57	0.00	0.00	0.00
EQx USER COEFF	160	160	48.47	0.00	0.00	0.00
EQx USER COEFF	161	161	89.65	0.00	0.00	0.00
EQx USER COEFF	162	162	89.85	0.00	0.00	0.00
EQx USER COEFF	163	163	89.85	0.00	0.00	0.00
EQx USER COEFF	164	164	89.65	0.00	0.00	0.00
EQx USER COEFF	165	165	89.85	0.00	0.00	0.00
EQx USER COEFF	166	166	89.65	0.00	0.00	0.00
EQx USER COEFF	167	167	89.85	0.00	0.00	0.00
EQx USER COEFF	168	168	88.06	0.00	0.00	0.00
EQx USER COEFF	169	169	89.85	0.00	0.00	0.00
EQx USER COEFF	170	170	89.65	0.00	0.00	0.00
EQx USER COEFF	171	171	89.85	0.00	0.00	0.00
EQx USER COEFF	172	172	88.89	0.00	0.00	0.00

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EQx USER COEFF	173	173	89.09	0.00	0.00	0.00
EQx USER COEFF	174	174	88.89	0.00	0.00	0.00
EQx USER COEFF	175	175	89.09	0.00	0.00	0.00
EQx USER COEFF	176	176	88.89	0.00	0.00	0.00
EQx USER COEFF	177	177	89.09	0.00	0.00	0.00
EQx USER COEFF	178	178	89.69	0.00	0.00	0.00
EQx USER COEFF	179	179	89.90	0.00	0.00	0.00
EQx USER COEFF	180	180	88.89	0.00	0.00	0.00
EQx USER COEFF	181	181	89.09	0.00	0.00	0.00
EQx USER COEFF	182	182	88.89	0.00	0.00	0.00
EQx USER COEFF	183	183	89.09	0.00	0.00	0.00
EQx USER COEFF	184	184	88.89	0.00	0.00	0.00
EQx USER COEFF	185	185	89.09	0.00	0.00	0.00
EQx USER COEFF	186	186	88.89	0.00	0.00	0.00
EQx USER COEFF	187	187	89.09	0.00	0.00	0.00
EQx USER COEFF	188	188	88.89	0.00	0.00	0.00
EQx USER COEFF	189	189	89.90	0.00	0.00	0.00
EQx USER COEFF	190	190	89.69	0.00	0.00	0.00
EQx USER COEFF	191	191	89.90	0.00	0.00	0.00
EQx USER COEFF	192	192	89.69	0.00	0.00	0.00
EQx USER COEFF	193	193	89.90	0.00	0.00	0.00
EQx USER COEFF	194	194	89.69	0.00	0.00	0.00
EQx USER COEFF	195	195	89.90	0.00	0.00	0.00
EQx USER COEFF	196	196	89.69	0.00	0.00	0.00
EQx USER COEFF	197	197	89.90	0.00	0.00	0.00
EQx USER COEFF	198	198	89.69	0.00	0.00	0.00
EQx USER COEFF	199	199	89.90	0.00	0.00	0.00
EQx USER COEFF	200	200	89.69	0.00	0.00	0.00
EQx USER COEFF	201	201	89.90	0.00	0.00	0.00
EQx USER COEFF	202	202	89.69	0.00	0.00	0.00
EQx USER COEFF	203	203	89.90	0.00	0.00	0.00
EQx USER COEFF	204	204	89.69	0.00	0.00	0.00
EQx USER COEFF	205	205	89.90	0.00	0.00	0.00
EQx USER COEFF	206	206	89.69	0.00	0.00	0.00
EQx USER COEFF	207	207	89.90	0.00	0.00	0.00
EQx USER COEFF	208	208	89.69	0.00	0.00	0.00
EQx USER COEFF	209	209	89.90	0.00	0.00	0.00
EQx USER COEFF	210	210	90.45	0.00	0.00	0.00
EQx USER COEFF	211	211	89.90	0.00	0.00	0.00
EQx USER COEFF	212	212	89.69	0.00	0.00	0.00
EQx USER COEFF	213	213	89.90	0.00	0.00	0.00
EQx USER COEFF	214	214	90.45	0.00	0.00	0.00
EQx USER COEFF	215	215	90.66	0.00	0.00	0.00
EQx USER COEFF	216	216	90.45	0.00	0.00	0.00
EQx USER COEFF	217	217	90.66	0.00	0.00	0.00
EQx USER COEFF	218	218	90.45	0.00	0.00	0.00
EQx USER COEFF	219	219	90.66	0.00	0.00	0.00
EQx USER COEFF	220	220	90.45	0.00	0.00	0.00
EQx USER COEFF	221	221	90.66	0.00	0.00	0.00
EQx USER COEFF	222	222	90.45	0.00	0.00	0.00
EQx USER COEFF	223	223	90.66	0.00	0.00	0.00
EQx USER COEFF	224	224	90.45	0.00	0.00	0.00
EQx USER COEFF	225	225	90.66	0.00	0.00	0.00
EQx USER COEFF	226	226	90.45	0.00	0.00	0.00
EQx USER COEFF	227	227	90.66	0.00	0.00	0.00
EQx USER COEFF	228	228	90.45	0.00	0.00	0.00
EQx USER COEFF	229	229	90.66	0.00	0.00	0.00
EQx USER COEFF	230	230	90.45	0.00	0.00	0.00
EQx USER COEFF	231	231	90.66	0.00	0.00	0.00
EQx USER COEFF	232	232	90.45	0.00	0.00	0.00
EQx USER COEFF	233	233	89.85	0.00	0.00	0.00
EQx USER COEFF	234	234	89.65	0.00	0.00	0.00
EQx USER COEFF	235	235	89.85	0.00	0.00	0.00
EQx USER COEFF	236	236	89.65	0.00	0.00	0.00
EQx USER COEFF	237	237	89.85	0.00	0.00	0.00
EQx USER COEFF	238	238	89.65	0.00	0.00	0.00
EQx USER COEFF	239	239	89.85	0.00	0.00	0.00
EQx USER COEFF	240	240	89.65	0.00	0.00	0.00
EQx USER COEFF	241	241	123.67	0.00	0.00	0.00
EQx USER COEFF	242	242	123.97	0.00	0.00	0.00
EQx USER COEFF	243	243	125.18	0.00	0.00	0.00
EQx USER COEFF	244	244	124.88	0.00	0.00	0.00
EQx USER COEFF	245	245	125.18	0.00	0.00	0.00
EQx USER COEFF	246	246	124.88	0.00	0.00	0.00
EQx USER COEFF	247	247	125.18	0.00	0.00	0.00
EQx USER COEFF	248	248	122.58	0.00	0.00	0.00
EQx USER COEFF	249	249	125.18	0.00	0.00	0.00
EQx USER COEFF	250	250	124.88	0.00	0.00	0.00
EQx USER COEFF	251	251	125.18	0.00	0.00	0.00
EQx USER COEFF	252	252	124.88	0.00	0.00	0.00

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EQx USER COEFF	253	253	125.18	0.00	0.00	0.00
EQx USER COEFF	254	254	124.88	0.00	0.00	0.00
EQx USER COEFF	255	255	125.18	0.00	0.00	0.00
EQx USER COEFF	256	256	124.88	0.00	0.00	0.00
EQx USER COEFF	257	257	125.18	0.00	0.00	0.00
EQx USER COEFF	258	258	123.70	0.00	0.00	0.00
EQx USER COEFF	259	259	124.00	0.00	0.00	0.00
EQx USER COEFF	260	260	124.88	0.00	0.00	0.00
EQx USER COEFF	261	261	125.18	0.00	0.00	0.00
EQx USER COEFF	262	262	124.88	0.00	0.00	0.00
EQx USER COEFF	263	263	125.18	0.00	0.00	0.00
EQx USER COEFF	264	264	124.88	0.00	0.00	0.00
EQx USER COEFF	265	265	125.18	0.00	0.00	0.00
EQx USER COEFF	266	266	124.88	0.00	0.00	0.00
EQx USER COEFF	267	267	125.18	0.00	0.00	0.00
EQx USER COEFF	268	268	124.88	0.00	0.00	0.00
EQx USER COEFF	269	269	124.00	0.00	0.00	0.00
EQx USER COEFF	270	270	123.70	0.00	0.00	0.00
EQx USER COEFF	271	271	124.00	0.00	0.00	0.00
EQx USER COEFF	272	272	123.70	0.00	0.00	0.00
EQx USER COEFF	273	273	124.00	0.00	0.00	0.00
EQx USER COEFF	274	274	123.70	0.00	0.00	0.00
EQx USER COEFF	275	275	124.00	0.00	0.00	0.00
EQx USER COEFF	276	276	123.70	0.00	0.00	0.00
EQx USER COEFF	277	277	124.00	0.00	0.00	0.00
EQx USER COEFF	278	278	123.70	0.00	0.00	0.00
EQx USER COEFF	279	279	124.00	0.00	0.00	0.00
EQx USER COEFF	280	280	123.70	0.00	0.00	0.00
EQx USER COEFF	281	281	124.00	0.00	0.00	0.00
EQx USER COEFF	282	282	123.70	0.00	0.00	0.00
EQx USER COEFF	283	283	124.00	0.00	0.00	0.00
EQx USER COEFF	284	284	123.70	0.00	0.00	0.00
EQx USER COEFF	285	285	124.00	0.00	0.00	0.00
EQx USER COEFF	286	286	123.70	0.00	0.00	0.00
EQx USER COEFF	287	287	124.00	0.00	0.00	0.00
EQx USER COEFF	288	288	123.70	0.00	0.00	0.00
EQx USER COEFF	289	289	124.00	0.00	0.00	0.00
EQx USER COEFF	290	290	123.70	0.00	0.00	0.00
EQx USER COEFF	291	291	124.00	0.00	0.00	0.00
EQx USER COEFF	292	292	123.70	0.00	0.00	0.00
EQx USER COEFF	293	293	124.00	0.00	0.00	0.00
EQx USER COEFF	294	294	123.70	0.00	0.00	0.00
EQx USER COEFF	295	295	124.00	0.00	0.00	0.00
EQx USER COEFF	296	296	123.70	0.00	0.00	0.00
EQx USER COEFF	297	297	124.00	0.00	0.00	0.00
EQx USER COEFF	298	298	123.70	0.00	0.00	0.00
EQx USER COEFF	299	299	124.00	0.00	0.00	0.00
EQx USER COEFF	300	300	123.70	0.00	0.00	0.00
EQx USER COEFF	301	301	124.00	0.00	0.00	0.00
EQx USER COEFF	302	302	123.70	0.00	0.00	0.00
EQx USER COEFF	303	303	124.00	0.00	0.00	0.00
EQx USER COEFF	304	304	123.70	0.00	0.00	0.00
EQx USER COEFF	305	305	124.00	0.00	0.00	0.00
EQx USER COEFF	306	306	123.70	0.00	0.00	0.00
EQx USER COEFF	307	307	124.00	0.00	0.00	0.00
EQx USER COEFF	308	308	123.70	0.00	0.00	0.00
EQx USER COEFF	309	309	124.00	0.00	0.00	0.00
EQx USER COEFF	310	310	123.70	0.00	0.00	0.00
EQx USER COEFF	311	311	124.00	0.00	0.00	0.00
EQx USER COEFF	312	312	123.70	0.00	0.00	0.00
EQx USER COEFF	313	313	125.18	0.00	0.00	0.00
EQx USER COEFF	314	314	124.88	0.00	0.00	0.00
EQx USER COEFF	315	315	125.18	0.00	0.00	0.00
EQx USER COEFF	316	316	124.88	0.00	0.00	0.00
EQx USER COEFF	317	317	125.18	0.00	0.00	0.00
EQx USER COEFF	318	318	124.88	0.00	0.00	0.00
EQx USER COEFF	319	319	123.97	0.00	0.00	0.00
EQx USER COEFF	320	320	123.67	0.00	0.00	0.00
EQx USER COEFF	321	321	150.65	0.00	0.00	0.00
EQx USER COEFF	322	322	151.04	0.00	0.00	0.00
EQx USER COEFF	323	323	149.48	0.00	0.00	0.00
EQx USER COEFF	324	324	149.10	0.00	0.00	0.00
EQx USER COEFF	325	325	149.48	0.00	0.00	0.00
EQx USER COEFF	326	326	149.10	0.00	0.00	0.00
EQx USER COEFF	327	327	149.48	0.00	0.00	0.00
EQx USER COEFF	328	328	135.51	0.00	0.00	0.00
EQx USER COEFF	329	329	151.02	0.00	0.00	0.00
EQx USER COEFF	330	330	150.64	0.00	0.00	0.00
EQx USER COEFF	331	331	151.02	0.00	0.00	0.00
EQx USER COEFF	332	332	150.64	0.00	0.00	0.00

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EQx USER COEFF	333	333	151.02	0.00	0.00	0.00
EQx USER COEFF	334	334	150.64	0.00	0.00	0.00
EQx USER COEFF	335	335	151.02	0.00	0.00	0.00
EQx USER COEFF	336	336	150.64	0.00	0.00	0.00
EQx USER COEFF	337	337	151.02	0.00	0.00	0.00
EQx USER COEFF	338	338	150.64	0.00	0.00	0.00
EQx USER COEFF	339	339	151.02	0.00	0.00	0.00
EQx USER COEFF	340	340	150.64	0.00	0.00	0.00
EQx USER COEFF	341	341	151.02	0.00	0.00	0.00
EQx USER COEFF	342	342	150.64	0.00	0.00	0.00
EQx USER COEFF	343	343	151.02	0.00	0.00	0.00
EQx USER COEFF	344	344	150.64	0.00	0.00	0.00
EQx USER COEFF	345	345	151.02	0.00	0.00	0.00
EQx USER COEFF	346	346	150.64	0.00	0.00	0.00
EQx USER COEFF	347	347	151.02	0.00	0.00	0.00
EQx USER COEFF	348	348	150.64	0.00	0.00	0.00
EQx USER COEFF	349	349	151.02	0.00	0.00	0.00
EQx USER COEFF	350	350	150.64	0.00	0.00	0.00
EQx USER COEFF	351	351	151.02	0.00	0.00	0.00
EQx USER COEFF	352	352	150.64	0.00	0.00	0.00
EQx USER COEFF	353	353	151.02	0.00	0.00	0.00
EQx USER COEFF	354	354	150.64	0.00	0.00	0.00
EQx USER COEFF	355	355	151.02	0.00	0.00	0.00
EQx USER COEFF	356	356	150.64	0.00	0.00	0.00
EQx USER COEFF	357	357	151.02	0.00	0.00	0.00
EQx USER COEFF	358	358	150.64	0.00	0.00	0.00
EQx USER COEFF	359	359	151.02	0.00	0.00	0.00
EQx USER COEFF	360	360	150.64	0.00	0.00	0.00
EQx USER COEFF	361	361	151.02	0.00	0.00	0.00
EQx USER COEFF	362	362	150.64	0.00	0.00	0.00
EQx USER COEFF	363	363	151.02	0.00	0.00	0.00
EQx USER COEFF	364	364	150.64	0.00	0.00	0.00
EQx USER COEFF	365	365	151.02	0.00	0.00	0.00
EQx USER COEFF	366	366	150.64	0.00	0.00	0.00
EQx USER COEFF	367	367	151.02	0.00	0.00	0.00
EQx USER COEFF	368	368	150.64	0.00	0.00	0.00
EQx USER COEFF	369	369	151.02	0.00	0.00	0.00
EQx USER COEFF	370	370	150.64	0.00	0.00	0.00
EQx USER COEFF	371	371	151.02	0.00	0.00	0.00
EQx USER COEFF	372	372	150.64	0.00	0.00	0.00
EQx USER COEFF	373	373	151.02	0.00	0.00	0.00
EQx USER COEFF	374	374	150.64	0.00	0.00	0.00
EQx USER COEFF	375	375	151.02	0.00	0.00	0.00
EQx USER COEFF	376	376	150.64	0.00	0.00	0.00
EQx USER COEFF	377	377	151.02	0.00	0.00	0.00
EQx USER COEFF	378	378	150.64	0.00	0.00	0.00
EQx USER COEFF	379	379	151.02	0.00	0.00	0.00
EQx USER COEFF	380	380	150.64	0.00	0.00	0.00
EQx USER COEFF	381	381	151.02	0.00	0.00	0.00
EQx USER COEFF	382	382	150.64	0.00	0.00	0.00
EQx USER COEFF	383	383	151.02	0.00	0.00	0.00
EQx USER COEFF	384	384	150.64	0.00	0.00	0.00
EQx USER COEFF	385	385	151.02	0.00	0.00	0.00
EQx USER COEFF	386	386	150.64	0.00	0.00	0.00
EQx USER COEFF	387	387	151.02	0.00	0.00	0.00
EQx USER COEFF	388	388	150.64	0.00	0.00	0.00
EQx USER COEFF	389	389	151.02	0.00	0.00	0.00
EQx USER COEFF	390	390	150.64	0.00	0.00	0.00
EQx USER COEFF	391	391	151.02	0.00	0.00	0.00
EQx USER COEFF	392	392	150.64	0.00	0.00	0.00
EQx USER COEFF	393	393	151.02	0.00	0.00	0.00
EQx USER COEFF	394	394	150.64	0.00	0.00	0.00
EQx USER COEFF	395	395	151.02	0.00	0.00	0.00
EQx USER COEFF	396	396	150.64	0.00	0.00	0.00
EQx USER COEFF	397	397	151.02	0.00	0.00	0.00
EQx USER COEFF	398	398	150.64	0.00	0.00	0.00
EQx USER COEFF	399	399	152.58	0.00	0.00	0.00
EQx USER COEFF	400	400	152.20	0.00	0.00	0.00
EQx USER COEFF	401	401	175.79	0.00	0.00	0.00
EQx USER COEFF	402	402	173.34	0.00	0.00	0.00
EQx USER COEFF	403	403	173.34	0.00	0.00	0.00
EQx USER COEFF	404	404	175.79	0.00	0.00	0.00
EQx USER COEFF	405	405	173.34	0.00	0.00	0.00
EQx USER COEFF	406	406	175.79	0.00	0.00	0.00
EQx USER COEFF	407	407	173.34	0.00	0.00	0.00
EQx USER COEFF	408	408	156.16	0.00	0.00	0.00
EQx USER COEFF	409	409	171.48	0.00	0.00	0.00
EQx USER COEFF	410	410	173.93	0.00	0.00	0.00
EQx USER COEFF	411	411	171.48	0.00	0.00	0.00
EQx USER COEFF	412	412	173.93	0.00	0.00	0.00

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EQx USER COEFF	413	413	171.48	0.00	0.00	0.00
EQx USER COEFF	414	414	173.93	0.00	0.00	0.00
EQx USER COEFF	415	415	171.48	0.00	0.00	0.00
EQx USER COEFF	416	416	173.93	0.00	0.00	0.00
EQx USER COEFF	417	417	171.48	0.00	0.00	0.00
EQx USER COEFF	418	418	173.93	0.00	0.00	0.00
EQx USER COEFF	419	419	171.48	0.00	0.00	0.00
EQx USER COEFF	420	420	173.93	0.00	0.00	0.00
EQx USER COEFF	421	421	171.48	0.00	0.00	0.00
EQx USER COEFF	422	422	173.93	0.00	0.00	0.00
EQx USER COEFF	423	423	171.48	0.00	0.00	0.00
EQx USER COEFF	424	424	173.93	0.00	0.00	0.00
EQx USER COEFF	425	425	171.48	0.00	0.00	0.00
EQx USER COEFF	426	426	173.93	0.00	0.00	0.00
EQx USER COEFF	427	427	171.48	0.00	0.00	0.00
EQx USER COEFF	428	428	173.93	0.00	0.00	0.00
EQx USER COEFF	429	429	171.48	0.00	0.00	0.00
EQx USER COEFF	430	430	173.93	0.00	0.00	0.00
EQx USER COEFF	431	431	171.48	0.00	0.00	0.00
EQx USER COEFF	432	432	173.93	0.00	0.00	0.00
EQx USER COEFF	433	433	171.48	0.00	0.00	0.00
EQx USER COEFF	434	434	173.93	0.00	0.00	0.00
EQx USER COEFF	435	435	171.48	0.00	0.00	0.00
EQx USER COEFF	436	436	173.93	0.00	0.00	0.00
EQx USER COEFF	437	437	171.48	0.00	0.00	0.00
EQx USER COEFF	438	438	173.93	0.00	0.00	0.00
EQx USER COEFF	439	439	171.48	0.00	0.00	0.00
EQx USER COEFF	440	440	173.93	0.00	0.00	0.00
EQx USER COEFF	441	441	171.48	0.00	0.00	0.00
EQx USER COEFF	442	442	173.93	0.00	0.00	0.00
EQx USER COEFF	443	443	171.48	0.00	0.00	0.00
EQx USER COEFF	444	444	173.93	0.00	0.00	0.00
EQx USER COEFF	445	445	171.48	0.00	0.00	0.00
EQx USER COEFF	446	446	173.93	0.00	0.00	0.00
EQx USER COEFF	447	447	171.48	0.00	0.00	0.00
EQx USER COEFF	448	448	173.93	0.00	0.00	0.00
EQx USER COEFF	449	449	171.48	0.00	0.00	0.00
EQx USER COEFF	450	450	173.93	0.00	0.00	0.00
EQx USER COEFF	451	451	171.48	0.00	0.00	0.00
EQx USER COEFF	452	452	173.93	0.00	0.00	0.00
EQx USER COEFF	453	453	171.48	0.00	0.00	0.00
EQx USER COEFF	454	454	173.93	0.00	0.00	0.00
EQx USER COEFF	455	455	171.48	0.00	0.00	0.00
EQx USER COEFF	456	456	173.93	0.00	0.00	0.00
EQx USER COEFF	457	457	171.48	0.00	0.00	0.00
EQx USER COEFF	458	458	173.93	0.00	0.00	0.00
EQx USER COEFF	459	459	171.48	0.00	0.00	0.00
EQx USER COEFF	460	460	173.93	0.00	0.00	0.00
EQx USER COEFF	461	461	171.48	0.00	0.00	0.00
EQx USER COEFF	462	462	173.93	0.00	0.00	0.00
EQx USER COEFF	463	463	171.48	0.00	0.00	0.00
EQx USER COEFF	464	464	173.93	0.00	0.00	0.00
EQx USER COEFF	465	465	171.48	0.00	0.00	0.00
EQx USER COEFF	466	466	173.93	0.00	0.00	0.00
EQx USER COEFF	467	467	171.48	0.00	0.00	0.00
EQx USER COEFF	468	468	173.93	0.00	0.00	0.00
EQx USER COEFF	469	469	171.48	0.00	0.00	0.00
EQx USER COEFF	470	470	173.93	0.00	0.00	0.00
EQx USER COEFF	471	471	171.48	0.00	0.00	0.00
EQx USER COEFF	472	472	173.93	0.00	0.00	0.00
EQx USER COEFF	473	473	171.48	0.00	0.00	0.00
EQx USER COEFF	474	474	173.93	0.00	0.00	0.00
EQx USER COEFF	475	475	171.48	0.00	0.00	0.00
EQx USER COEFF	476	476	173.93	0.00	0.00	0.00
EQx USER COEFF	477	477	171.48	0.00	0.00	0.00
EQx USER COEFF	478	478	173.93	0.00	0.00	0.00
EQx USER COEFF	479	479	171.48	0.00	0.00	0.00
EQx USER COEFF	480	480	173.93	0.00	0.00	0.00
EQx USER COEFF	481	481	164.68	0.00	0.00	0.00
EQx USER COEFF	482	482	343.20	0.00	0.00	0.00
EQx USER COEFF	483	483	318.04	0.00	0.00	0.00
EQx USER COEFF	484	484	164.68	0.00	0.00	0.00
EQx USER COEFF	485	485	343.20	0.00	0.00	0.00
EQx USER COEFF	486	486	164.68	0.00	0.00	0.00
EQx USER COEFF	487	487	313.48	0.00	0.00	0.00
EQx USER COEFF	488	488	164.68	0.00	0.00	0.00
EQx USER COEFF	489	489	343.20	0.00	0.00	0.00
EQx USER COEFF	490	490	164.68	0.00	0.00	0.00
EQx USER COEFF	491	491	318.04	0.00	0.00	0.00
EQx USER COEFF	492	492	164.68	0.00	0.00	0.00

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EQx USER COEFF	493	493	343.20	0.00	0.00	0.00
EQx USER COEFF	494	494	164.68	0.00	0.00	0.00
EQx USER COEFF	495	495	318.04	0.00	0.00	0.00
EQx USER COEFF	496	496	164.68	0.00	0.00	0.00
EQx USER COEFF	497	497	343.20	0.00	0.00	0.00
EQx USER COEFF	498	498	164.68	0.00	0.00	0.00
EQx USER COEFF	499	499	318.04	0.00	0.00	0.00
EQx USER COEFF	500	500	164.68	0.00	0.00	0.00
EQx USER COEFF	501	501	343.20	0.00	0.00	0.00
EQx USER COEFF	502	502	164.68	0.00	0.00	0.00
EQx USER COEFF	503	503	318.04	0.00	0.00	0.00
EQx USER COEFF	504	504	164.68	0.00	0.00	0.00
EQx USER COEFF	505	505	343.20	0.00	0.00	0.00
EQx USER COEFF	506	506	164.68	0.00	0.00	0.00
EQx USER COEFF	507	507	318.04	0.00	0.00	0.00
EQx USER COEFF	508	508	164.68	0.00	0.00	0.00
EQx USER COEFF	509	509	343.20	0.00	0.00	0.00
EQx USER COEFF	510	510	164.68	0.00	0.00	0.00
EQx USER COEFF	511	511	318.04	0.00	0.00	0.00
EQx USER COEFF	512	512	164.68	0.00	0.00	0.00
EQx USER COEFF	513	513	343.20	0.00	0.00	0.00
EQx USER COEFF	514	514	164.68	0.00	0.00	0.00
EQx USER COEFF	515	515	318.04	0.00	0.00	0.00
EQx USER COEFF	516	516	164.68	0.00	0.00	0.00
EQx USER COEFF	517	517	343.20	0.00	0.00	0.00
EQx USER COEFF	518	518	164.68	0.00	0.00	0.00
EQx USER COEFF	519	519	318.04	0.00	0.00	0.00
EQx USER COEFF	520	520	164.68	0.00	0.00	0.00
EQx USER COEFF	521	521	343.20	0.00	0.00	0.00
EQx USER COEFF	522	522	164.68	0.00	0.00	0.00
EQx USER COEFF	523	523	318.04	0.00	0.00	0.00
EQx USER COEFF	524	524	164.68	0.00	0.00	0.00
EQx USER COEFF	525	525	343.20	0.00	0.00	0.00
EQx USER COEFF	526	526	164.68	0.00	0.00	0.00
EQx USER COEFF	527	527	318.04	0.00	0.00	0.00
EQx USER COEFF	528	528	164.68	0.00	0.00	0.00
EQx USER COEFF	529	529	338.65	0.00	0.00	0.00
EQx USER COEFF	530	530	164.68	0.00	0.00	0.00
EQx USER COEFF	531	531	318.04	0.00	0.00	0.00
EQx USER COEFF	532	532	164.68	0.00	0.00	0.00
EQx USER COEFF	533	533	343.20	0.00	0.00	0.00
EQx USER COEFF	534	534	164.68	0.00	0.00	0.00
EQx USER COEFF	535	535	318.04	0.00	0.00	0.00
EQx USER COEFF	536	536	164.68	0.00	0.00	0.00
EQx USER COEFF	537	537	343.20	0.00	0.00	0.00
EQx USER COEFF	538	538	164.68	0.00	0.00	0.00
EQx USER COEFF	539	539	318.04	0.00	0.00	0.00
EQx USER COEFF	540	540	164.68	0.00	0.00	0.00
EQx USER COEFF	541	541	343.20	0.00	0.00	0.00
EQx USER COEFF	542	542	164.68	0.00	0.00	0.00
EQx USER COEFF	543	543	318.04	0.00	0.00	0.00
EQx USER COEFF	544	544	164.68	0.00	0.00	0.00
EQx USER COEFF	545	545	343.20	0.00	0.00	0.00
EQx USER COEFF	546	546	164.68	0.00	0.00	0.00
EQx USER COEFF	547	547	318.04	0.00	0.00	0.00
EQx USER COEFF	548	548	164.68	0.00	0.00	0.00
EQx USER COEFF	549	549	343.20	0.00	0.00	0.00
EQx USER COEFF	550	550	164.68	0.00	0.00	0.00
EQx USER COEFF	551	551	318.04	0.00	0.00	0.00
EQx USER COEFF	552	552	164.68	0.00	0.00	0.00
EQx USER COEFF	553	553	343.20	0.00	0.00	0.00
EQx USER COEFF	554	554	164.68	0.00	0.00	0.00
EQx USER COEFF	555	555	318.04	0.00	0.00	0.00
EQx USER COEFF	556	556	164.68	0.00	0.00	0.00
EQx USER COEFF	557	557	343.20	0.00	0.00	0.00
EQx USER COEFF	558	558	164.68	0.00	0.00	0.00
EQx USER COEFF	559	559	318.04	0.00	0.00	0.00
EQx USER COEFF	560	560	164.68	0.00	0.00	0.00
EQx USER COEFF	561	561	13.76	0.00	0.00	0.00
EQx USER COEFF	562	562	328.95	0.00	0.00	0.00
EQx USER COEFF	563	563	330.85	0.00	0.00	0.00
EQx USER COEFF	564	564	13.76	0.00	0.00	0.00
EQx USER COEFF	565	565	328.95	0.00	0.00	0.00
EQx USER COEFF	566	566	13.76	0.00	0.00	0.00
EQx USER COEFF	567	567	335.97	0.00	0.00	0.00
EQx USER COEFF	568	568	13.76	0.00	0.00	0.00
EQx USER COEFF	569	569	328.95	0.00	0.00	0.00
EQx USER COEFF	570	570	13.76	0.00	0.00	0.00
EQx USER COEFF	571	571	330.85	0.00	0.00	0.00
EQx USER COEFF	572	572	13.76	0.00	0.00	0.00

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EQx USER COEFF	573	573	328.95	0.00	0.00	0.00
EQx USER COEFF	574	574	13.76	0.00	0.00	0.00
EQx USER COEFF	575	575	330.85	0.00	0.00	0.00
EQx USER COEFF	576	576	13.76	0.00	0.00	0.00
EQx USER COEFF	577	577	328.95	0.00	0.00	0.00
EQx USER COEFF	578	578	13.76	0.00	0.00	0.00
EQx USER COEFF	579	579	336.27	0.00	0.00	0.00
EQx USER COEFF	580	580	13.76	0.00	0.00	0.00
EQx USER COEFF	581	581	334.38	0.00	0.00	0.00
EQx USER COEFF	582	582	13.76	0.00	0.00	0.00
EQx USER COEFF	583	583	336.27	0.00	0.00	0.00
EQx USER COEFF	584	584	13.76	0.00	0.00	0.00
EQx USER COEFF	585	585	334.38	0.00	0.00	0.00
EQx USER COEFF	586	586	13.76	0.00	0.00	0.00
EQx USER COEFF	587	587	336.27	0.00	0.00	0.00
EQx USER COEFF	588	588	13.76	0.00	0.00	0.00
EQx USER COEFF	589	589	334.38	0.00	0.00	0.00
EQx USER COEFF	590	590	13.76	0.00	0.00	0.00
EQx USER COEFF	591	591	336.27	0.00	0.00	0.00
EQx USER COEFF	592	592	13.76	0.00	0.00	0.00
EQx USER COEFF	593	593	334.38	0.00	0.00	0.00
EQx USER COEFF	594	594	13.76	0.00	0.00	0.00
EQx USER COEFF	595	595	336.27	0.00	0.00	0.00
EQx USER COEFF	596	596	13.76	0.00	0.00	0.00
EQx USER COEFF	597	597	334.38	0.00	0.00	0.00
EQx USER COEFF	598	598	13.76	0.00	0.00	0.00
EQx USER COEFF	599	599	336.27	0.00	0.00	0.00
EQx USER COEFF	600	600	13.76	0.00	0.00	0.00
EQx USER COEFF	601	601	334.38	0.00	0.00	0.00
EQx USER COEFF	602	602	13.76	0.00	0.00	0.00
EQx USER COEFF	603	603	336.27	0.00	0.00	0.00
EQx USER COEFF	604	604	13.76	0.00	0.00	0.00
EQx USER COEFF	605	605	334.38	0.00	0.00	0.00
EQx USER COEFF	606	606	13.76	0.00	0.00	0.00
EQx USER COEFF	607	607	336.27	0.00	0.00	0.00
EQx USER COEFF	608	608	13.76	0.00	0.00	0.00
EQx USER COEFF	609	609	339.50	0.00	0.00	0.00
EQx USER COEFF	610	610	13.76	0.00	0.00	0.00
EQx USER COEFF	611	611	336.27	0.00	0.00	0.00
EQx USER COEFF	612	612	13.76	0.00	0.00	0.00
EQx USER COEFF	613	613	334.38	0.00	0.00	0.00
EQx USER COEFF	614	614	13.76	0.00	0.00	0.00
EQx USER COEFF	615	615	336.27	0.00	0.00	0.00
EQx USER COEFF	616	616	13.76	0.00	0.00	0.00
EQx USER COEFF	617	617	334.38	0.00	0.00	0.00
EQx USER COEFF	618	618	13.76	0.00	0.00	0.00
EQx USER COEFF	619	619	336.27	0.00	0.00	0.00
EQx USER COEFF	620	620	13.76	0.00	0.00	0.00
EQx USER COEFF	621	621	334.38	0.00	0.00	0.00
EQx USER COEFF	622	622	13.76	0.00	0.00	0.00
EQx USER COEFF	623	623	336.27	0.00	0.00	0.00
EQx USER COEFF	624	624	13.76	0.00	0.00	0.00
EQx USER COEFF	625	625	334.38	0.00	0.00	0.00
EQx USER COEFF	626	626	13.76	0.00	0.00	0.00
EQx USER COEFF	627	627	336.27	0.00	0.00	0.00
EQx USER COEFF	628	628	13.76	0.00	0.00	0.00
EQx USER COEFF	629	629	334.38	0.00	0.00	0.00
EQx USER COEFF	630	630	13.76	0.00	0.00	0.00
EQx USER COEFF	631	631	336.27	0.00	0.00	0.00
EQx USER COEFF	632	632	13.76	0.00	0.00	0.00
EQx USER COEFF	633	633	334.38	0.00	0.00	0.00
EQx USER COEFF	634	634	13.76	0.00	0.00	0.00
EQx USER COEFF	635	635	336.27	0.00	0.00	0.00
EQx USER COEFF	636	636	13.76	0.00	0.00	0.00
EQx USER COEFF	637	637	334.38	0.00	0.00	0.00
EQx USER COEFF	638	638	13.76	0.00	0.00	0.00
EQx USER COEFF	639	639	336.27	0.00	0.00	0.00
EQx USER COEFF	640	640	13.76	0.00	0.00	0.00
EQx USER COEFF	641	641	13.50	0.00	0.00	0.00
EQx USER COEFF	642	642	334.80	0.00	0.00	0.00
EQx USER COEFF	643	643	341.80	0.00	0.00	0.00
EQx USER COEFF	644	644	13.50	0.00	0.00	0.00
EQx USER COEFF	645	645	334.80	0.00	0.00	0.00
EQx USER COEFF	646	646	13.50	0.00	0.00	0.00
EQx USER COEFF	647	647	341.80	0.00	0.00	0.00
EQx USER COEFF	648	648	13.50	0.00	0.00	0.00
EQx USER COEFF	649	649	334.80	0.00	0.00	0.00
EQx USER COEFF	650	650	13.50	0.00	0.00	0.00
EQx USER COEFF	651	651	341.80	0.00	0.00	0.00
EQx USER COEFF	652	652	13.50	0.00	0.00	0.00

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EQx USER COEFF	653	653	334.80	0.00	0.00	0.00
EQx USER COEFF	654	654	13.50	0.00	0.00	0.00
EQx USER COEFF	655	655	341.80	0.00	0.00	0.00
EQx USER COEFF	656	656	13.50	0.00	0.00	0.00
EQx USER COEFF	657	657	334.80	0.00	0.00	0.00
EQx USER COEFF	658	658	13.50	0.00	0.00	0.00
EQx USER COEFF	659	659	335.84	0.00	0.00	0.00
EQx USER COEFF	660	660	13.50	0.00	0.00	0.00
EQx USER COEFF	661	661	328.83	0.00	0.00	0.00
EQx USER COEFF	662	662	13.50	0.00	0.00	0.00
EQx USER COEFF	663	663	335.84	0.00	0.00	0.00
EQx USER COEFF	664	664	13.50	0.00	0.00	0.00
EQx USER COEFF	665	665	328.83	0.00	0.00	0.00
EQx USER COEFF	666	666	13.50	0.00	0.00	0.00
EQx USER COEFF	667	667	335.84	0.00	0.00	0.00
EQx USER COEFF	668	668	13.50	0.00	0.00	0.00
EQx USER COEFF	669	669	328.83	0.00	0.00	0.00
EQx USER COEFF	670	670	13.50	0.00	0.00	0.00
EQx USER COEFF	671	671	335.84	0.00	0.00	0.00
EQx USER COEFF	672	672	13.50	0.00	0.00	0.00
EQx USER COEFF	673	673	328.83	0.00	0.00	0.00
EQx USER COEFF	674	674	13.50	0.00	0.00	0.00
EQx USER COEFF	675	675	335.84	0.00	0.00	0.00
EQx USER COEFF	676	676	13.50	0.00	0.00	0.00
EQx USER COEFF	677	677	328.83	0.00	0.00	0.00
EQx USER COEFF	678	678	13.50	0.00	0.00	0.00
EQx USER COEFF	679	679	335.84	0.00	0.00	0.00
EQx USER COEFF	680	680	13.50	0.00	0.00	0.00
EQx USER COEFF	681	681	328.83	0.00	0.00	0.00
EQx USER COEFF	682	682	13.50	0.00	0.00	0.00
EQx USER COEFF	683	683	335.84	0.00	0.00	0.00
EQx USER COEFF	684	684	13.50	0.00	0.00	0.00
EQx USER COEFF	685	685	328.83	0.00	0.00	0.00
EQx USER COEFF	686	686	13.50	0.00	0.00	0.00
EQx USER COEFF	687	687	335.84	0.00	0.00	0.00
EQx USER COEFF	688	688	13.50	0.00	0.00	0.00
EQx USER COEFF	689	689	328.83	0.00	0.00	0.00
EQx USER COEFF	690	690	13.50	0.00	0.00	0.00
EQx USER COEFF	691	691	335.84	0.00	0.00	0.00
EQx USER COEFF	692	692	13.50	0.00	0.00	0.00
EQx USER COEFF	693	693	328.83	0.00	0.00	0.00
EQx USER COEFF	694	694	13.50	0.00	0.00	0.00
EQx USER COEFF	695	695	335.84	0.00	0.00	0.00
EQx USER COEFF	696	696	13.50	0.00	0.00	0.00
EQx USER COEFF	697	697	328.83	0.00	0.00	0.00
EQx USER COEFF	698	698	13.50	0.00	0.00	0.00
EQx USER COEFF	699	699	335.84	0.00	0.00	0.00
EQx USER COEFF	700	700	13.50	0.00	0.00	0.00
EQx USER COEFF	701	701	328.83	0.00	0.00	0.00
EQx USER COEFF	702	702	13.50	0.00	0.00	0.00
EQx USER COEFF	703	703	335.84	0.00	0.00	0.00
EQx USER COEFF	704	704	13.50	0.00	0.00	0.00
EQx USER COEFF	705	705	328.83	0.00	0.00	0.00
EQx USER COEFF	706	706	13.50	0.00	0.00	0.00
EQx USER COEFF	707	707	335.84	0.00	0.00	0.00
EQx USER COEFF	708	708	13.50	0.00	0.00	0.00
EQx USER COEFF	709	709	328.83	0.00	0.00	0.00
EQx USER COEFF	710	710	13.50	0.00	0.00	0.00
EQx USER COEFF	711	711	335.84	0.00	0.00	0.00
EQx USER COEFF	712	712	13.50	0.00	0.00	0.00
EQx USER COEFF	713	713	328.83	0.00	0.00	0.00
EQx USER COEFF	714	714	13.50	0.00	0.00	0.00
EQx USER COEFF	715	715	335.84	0.00	0.00	0.00
EQx USER COEFF	716	716	13.50	0.00	0.00	0.00
EQx USER COEFF	717	717	328.83	0.00	0.00	0.00
EQx USER COEFF	718	718	12.20	0.00	0.00	0.00
EQx USER COEFF	719	719	337.13	0.00	0.00	0.00
EQx USER COEFF	720	720	13.50	0.00	0.00	0.00
EQx USER COEFF	721	721	12.79	0.00	0.00	0.00
EQx USER COEFF	722	722	318.89	0.00	0.00	0.00
EQx USER COEFF	723	723	320.61	0.00	0.00	0.00
EQx USER COEFF	724	724	12.79	0.00	0.00	0.00
EQx USER COEFF	725	725	318.89	0.00	0.00	0.00
EQx USER COEFF	726	726	12.79	0.00	0.00	0.00
EQx USER COEFF	727	727	320.61	0.00	0.00	0.00
EQx USER COEFF	728	728	12.79	0.00	0.00	0.00
EQx USER COEFF	729	729	318.89	0.00	0.00	0.00
EQx USER COEFF	730	730	12.79	0.00	0.00	0.00
EQx USER COEFF	731	731	320.61	0.00	0.00	0.00
EQx USER COEFF	732	732	12.79	0.00	0.00	0.00

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for
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EQx USER COEFF	733	733	318.89	0.00	0.00	0.00
EQx USER COEFF	734	734	12.79	0.00	0.00	0.00
EQx USER COEFF	735	735	320.61	0.00	0.00	0.00
EQx USER COEFF	736	736	12.79	0.00	0.00	0.00
EQx USER COEFF	737	737	318.89	0.00	0.00	0.00
EQx USER COEFF	738	738	12.79	0.00	0.00	0.00
EQx USER COEFF	739	739	320.61	0.00	0.00	0.00
EQx USER COEFF	740	740	12.79	0.00	0.00	0.00
EQx USER COEFF	741	741	318.89	0.00	0.00	0.00
EQx USER COEFF	742	742	12.79	0.00	0.00	0.00
EQx USER COEFF	743	743	320.61	0.00	0.00	0.00
EQx USER COEFF	744	744	12.79	0.00	0.00	0.00
EQx USER COEFF	745	745	318.89	0.00	0.00	0.00
EQx USER COEFF	746	746	12.79	0.00	0.00	0.00
EQx USER COEFF	747	747	320.61	0.00	0.00	0.00
EQx USER COEFF	748	748	12.79	0.00	0.00	0.00
EQx USER COEFF	749	749	318.89	0.00	0.00	0.00
EQx USER COEFF	750	750	12.79	0.00	0.00	0.00
EQx USER COEFF	751	751	320.61	0.00	0.00	0.00
EQx USER COEFF	752	752	12.79	0.00	0.00	0.00
EQx USER COEFF	753	753	318.89	0.00	0.00	0.00
EQx USER COEFF	754	754	12.79	0.00	0.00	0.00
EQx USER COEFF	755	755	320.61	0.00	0.00	0.00
EQx USER COEFF	756	756	12.79	0.00	0.00	0.00
EQx USER COEFF	757	757	318.89	0.00	0.00	0.00
EQx USER COEFF	758	758	12.79	0.00	0.00	0.00
EQx USER COEFF	759	759	320.61	0.00	0.00	0.00
EQx USER COEFF	760	760	12.79	0.00	0.00	0.00
EQx USER COEFF	761	761	318.89	0.00	0.00	0.00
EQx USER COEFF	762	762	12.79	0.00	0.00	0.00
EQx USER COEFF	763	763	320.61	0.00	0.00	0.00
EQx USER COEFF	764	764	12.79	0.00	0.00	0.00
EQx USER COEFF	765	765	318.89	0.00	0.00	0.00
EQx USER COEFF	766	766	12.79	0.00	0.00	0.00
EQx USER COEFF	767	767	320.61	0.00	0.00	0.00
EQx USER COEFF	768	768	12.79	0.00	0.00	0.00
EQx USER COEFF	769	769	318.89	0.00	0.00	0.00
EQx USER COEFF	770	770	12.79	0.00	0.00	0.00
EQx USER COEFF	771	771	320.61	0.00	0.00	0.00
EQx USER COEFF	772	772	12.79	0.00	0.00	0.00
EQx USER COEFF	773	773	318.89	0.00	0.00	0.00
EQx USER COEFF	774	774	12.79	0.00	0.00	0.00
EQx USER COEFF	775	775	320.61	0.00	0.00	0.00
EQx USER COEFF	776	776	12.79	0.00	0.00	0.00
EQx USER COEFF	777	777	318.89	0.00	0.00	0.00
EQx USER COEFF	778	778	12.79	0.00	0.00	0.00
EQx USER COEFF	779	779	320.61	0.00	0.00	0.00
EQx USER COEFF	780	780	12.79	0.00	0.00	0.00
EQx USER COEFF	781	781	318.89	0.00	0.00	0.00
EQx USER COEFF	782	782	12.79	0.00	0.00	0.00
EQx USER COEFF	783	783	320.61	0.00	0.00	0.00
EQx USER COEFF	784	784	12.79	0.00	0.00	0.00
EQx USER COEFF	785	785	318.89	0.00	0.00	0.00
EQx USER COEFF	786	786	12.79	0.00	0.00	0.00
EQx USER COEFF	787	787	320.61	0.00	0.00	0.00
EQx USER COEFF	788	788	12.79	0.00	0.00	0.00
EQx USER COEFF	789	789	318.89	0.00	0.00	0.00
EQx USER COEFF	790	790	12.79	0.00	0.00	0.00
EQx USER COEFF	791	791	320.61	0.00	0.00	0.00
EQx USER COEFF	792	792	12.79	0.00	0.00	0.00
EQx USER COEFF	793	793	318.89	0.00	0.00	0.00
EQx USER COEFF	794	794	12.79	0.00	0.00	0.00
EQx USER COEFF	795	795	320.61	0.00	0.00	0.00
EQx USER COEFF	796	796	12.79	0.00	0.00	0.00
EQx USER COEFF	797	797	318.89	0.00	0.00	0.00
EQx USER COEFF	798	798	12.79	0.00	0.00	0.00
EQx USER COEFF	799	799	320.61	0.00	0.00	0.00
EQx USER COEFF	800	800	12.79	0.00	0.00	0.00
EQx USER COEFF	801	801	11.68	0.00	0.00	0.00
EQx USER COEFF	802	802	300.37	0.00	0.00	0.00
EQx USER COEFF	803	803	302.09	0.00	0.00	0.00
EQx USER COEFF	804	804	11.68	0.00	0.00	0.00
EQx USER COEFF	805	805	300.37	0.00	0.00	0.00
EQx USER COEFF	806	806	11.68	0.00	0.00	0.00
EQx USER COEFF	807	807	302.09	0.00	0.00	0.00
EQx USER COEFF	808	808	11.68	0.00	0.00	0.00
EQx USER COEFF	809	809	300.37	0.00	0.00	0.00
EQx USER COEFF	810	810	11.68	0.00	0.00	0.00
EQx USER COEFF	811	811	302.09	0.00	0.00	0.00
EQx USER COEFF	812	812	11.68	0.00	0.00	0.00

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EQx USER COEFF	813	813	300.37	0.00	0.00	0.00
EQx USER COEFF	814	814	11.68	0.00	0.00	0.00
EQx USER COEFF	815	815	302.09	0.00	0.00	0.00
EQx USER COEFF	816	816	11.68	0.00	0.00	0.00
EQx USER COEFF	817	817	300.37	0.00	0.00	0.00
EQx USER COEFF	818	818	11.68	0.00	0.00	0.00
EQx USER COEFF	819	819	302.09	0.00	0.00	0.00
EQx USER COEFF	820	820	11.68	0.00	0.00	0.00
EQx USER COEFF	821	821	300.37	0.00	0.00	0.00
EQx USER COEFF	822	822	11.68	0.00	0.00	0.00
EQx USER COEFF	823	823	302.09	0.00	0.00	0.00
EQx USER COEFF	824	824	11.68	0.00	0.00	0.00
EQx USER COEFF	825	825	300.37	0.00	0.00	0.00
EQx USER COEFF	826	826	11.68	0.00	0.00	0.00
EQx USER COEFF	827	827	302.09	0.00	0.00	0.00
EQx USER COEFF	828	828	11.68	0.00	0.00	0.00
EQx USER COEFF	829	829	300.37	0.00	0.00	0.00
EQx USER COEFF	830	830	11.68	0.00	0.00	0.00
EQx USER COEFF	831	831	302.09	0.00	0.00	0.00
EQx USER COEFF	832	832	11.68	0.00	0.00	0.00
EQx USER COEFF	833	833	300.37	0.00	0.00	0.00
EQx USER COEFF	834	834	11.68	0.00	0.00	0.00
EQx USER COEFF	835	835	302.09	0.00	0.00	0.00
EQx USER COEFF	836	836	11.68	0.00	0.00	0.00
EQx USER COEFF	837	837	300.37	0.00	0.00	0.00
EQx USER COEFF	838	838	11.68	0.00	0.00	0.00
EQx USER COEFF	839	839	302.09	0.00	0.00	0.00
EQx USER COEFF	840	840	11.68	0.00	0.00	0.00
EQx USER COEFF	841	841	300.37	0.00	0.00	0.00
EQx USER COEFF	842	842	11.68	0.00	0.00	0.00
EQx USER COEFF	843	843	302.09	0.00	0.00	0.00
EQx USER COEFF	844	844	11.68	0.00	0.00	0.00
EQx USER COEFF	845	845	300.37	0.00	0.00	0.00
EQx USER COEFF	846	846	11.68	0.00	0.00	0.00
EQx USER COEFF	847	847	302.09	0.00	0.00	0.00
EQx USER COEFF	848	848	11.68	0.00	0.00	0.00
EQx USER COEFF	849	849	300.37	0.00	0.00	0.00
EQx USER COEFF	850	850	11.68	0.00	0.00	0.00
EQx USER COEFF	851	851	302.09	0.00	0.00	0.00
EQx USER COEFF	852	852	11.68	0.00	0.00	0.00
EQx USER COEFF	853	853	300.37	0.00	0.00	0.00
EQx USER COEFF	854	854	11.68	0.00	0.00	0.00
EQx USER COEFF	855	855	302.09	0.00	0.00	0.00
EQx USER COEFF	856	856	11.68	0.00	0.00	0.00
EQx USER COEFF	857	857	300.37	0.00	0.00	0.00
EQx USER COEFF	858	858	11.68	0.00	0.00	0.00
EQx USER COEFF	859	859	302.09	0.00	0.00	0.00
EQx USER COEFF	860	860	11.68	0.00	0.00	0.00
EQx USER COEFF	861	861	300.37	0.00	0.00	0.00
EQx USER COEFF	862	862	11.68	0.00	0.00	0.00
EQx USER COEFF	863	863	302.09	0.00	0.00	0.00
EQx USER COEFF	864	864	11.68	0.00	0.00	0.00
EQx USER COEFF	865	865	300.37	0.00	0.00	0.00
EQx USER COEFF	866	866	11.68	0.00	0.00	0.00
EQx USER COEFF	867	867	302.09	0.00	0.00	0.00
EQx USER COEFF	868	868	11.68	0.00	0.00	0.00
EQx USER COEFF	869	869	300.37	0.00	0.00	0.00
EQx USER COEFF	870	870	11.68	0.00	0.00	0.00
EQx USER COEFF	871	871	302.09	0.00	0.00	0.00
EQx USER COEFF	872	872	11.68	0.00	0.00	0.00
EQx USER COEFF	873	873	300.37	0.00	0.00	0.00
EQx USER COEFF	874	874	11.68	0.00	0.00	0.00
EQx USER COEFF	875	875	302.09	0.00	0.00	0.00
EQx USER COEFF	876	876	11.68	0.00	0.00	0.00
EQx USER COEFF	877	877	300.37	0.00	0.00	0.00
EQx USER COEFF	878	878	11.68	0.00	0.00	0.00
EQx USER COEFF	879	879	302.09	0.00	0.00	0.00
EQx USER COEFF	880	880	11.68	0.00	0.00	0.00
EQx USER COEFF	881	881	10.20	0.00	0.00	0.00
EQx USER COEFF	882	882	274.38	0.00	0.00	0.00
EQx USER COEFF	883	883	276.03	0.00	0.00	0.00
EQx USER COEFF	884	884	10.20	0.00	0.00	0.00
EQx USER COEFF	885	885	274.38	0.00	0.00	0.00
EQx USER COEFF	886	886	10.20	0.00	0.00	0.00
EQx USER COEFF	887	887	276.03	0.00	0.00	0.00
EQx USER COEFF	888	888	10.20	0.00	0.00	0.00
EQx USER COEFF	889	889	274.38	0.00	0.00	0.00
EQx USER COEFF	890	890	10.20	0.00	0.00	0.00
EQx USER COEFF	891	891	276.03	0.00	0.00	0.00
EQx USER COEFF	892	892	10.20	0.00	0.00	0.00

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EQx USER COEFF	893	893	274.38	0.00	0.00	0.00
EQx USER COEFF	894	894	10.20	0.00	0.00	0.00
EQx USER COEFF	895	895	276.03	0.00	0.00	0.00
EQx USER COEFF	896	896	10.20	0.00	0.00	0.00
EQx USER COEFF	897	897	274.38	0.00	0.00	0.00
EQx USER COEFF	898	898	10.20	0.00	0.00	0.00
EQx USER COEFF	899	899	276.03	0.00	0.00	0.00
EQx USER COEFF	900	900	10.20	0.00	0.00	0.00
EQx USER COEFF	901	901	274.38	0.00	0.00	0.00
EQx USER COEFF	902	902	10.20	0.00	0.00	0.00
EQx USER COEFF	903	903	276.03	0.00	0.00	0.00
EQx USER COEFF	904	904	10.20	0.00	0.00	0.00
EQx USER COEFF	905	905	274.38	0.00	0.00	0.00
EQx USER COEFF	906	906	10.20	0.00	0.00	0.00
EQx USER COEFF	907	907	276.03	0.00	0.00	0.00
EQx USER COEFF	908	908	10.20	0.00	0.00	0.00
EQx USER COEFF	909	909	274.38	0.00	0.00	0.00
EQx USER COEFF	910	910	10.20	0.00	0.00	0.00
EQx USER COEFF	911	911	249.59	0.00	0.00	0.00
EQx USER COEFF	912	912	10.20	0.00	0.00	0.00
EQx USER COEFF	913	913	274.38	0.00	0.00	0.00
EQx USER COEFF	914	914	10.20	0.00	0.00	0.00
EQx USER COEFF	915	915	276.03	0.00	0.00	0.00
EQx USER COEFF	916	916	10.20	0.00	0.00	0.00
EQx USER COEFF	917	917	274.38	0.00	0.00	0.00
EQx USER COEFF	918	918	10.20	0.00	0.00	0.00
EQx USER COEFF	919	919	276.03	0.00	0.00	0.00
EQx USER COEFF	920	920	10.20	0.00	0.00	0.00
EQx USER COEFF	921	921	274.38	0.00	0.00	0.00
EQx USER COEFF	922	922	10.20	0.00	0.00	0.00
EQx USER COEFF	923	923	276.03	0.00	0.00	0.00
EQx USER COEFF	924	924	10.20	0.00	0.00	0.00
EQx USER COEFF	925	925	274.38	0.00	0.00	0.00
EQx USER COEFF	926	926	10.20	0.00	0.00	0.00
EQx USER COEFF	927	927	276.03	0.00	0.00	0.00
EQx USER COEFF	928	928	10.20	0.00	0.00	0.00
EQx USER COEFF	929	929	274.38	0.00	0.00	0.00
EQx USER COEFF	930	930	10.20	0.00	0.00	0.00
EQx USER COEFF	931	931	276.03	0.00	0.00	0.00
EQx USER COEFF	932	932	10.20	0.00	0.00	0.00
EQx USER COEFF	933	933	274.38	0.00	0.00	0.00
EQx USER COEFF	934	934	10.20	0.00	0.00	0.00
EQx USER COEFF	935	935	276.03	0.00	0.00	0.00
EQx USER COEFF	936	936	10.20	0.00	0.00	0.00
EQx USER COEFF	937	937	274.38	0.00	0.00	0.00
EQx USER COEFF	938	938	10.20	0.00	0.00	0.00
EQx USER COEFF	939	939	276.03	0.00	0.00	0.00
EQx USER COEFF	940	940	10.20	0.00	0.00	0.00
EQx USER COEFF	941	941	274.38	0.00	0.00	0.00
EQx USER COEFF	942	942	10.20	0.00	0.00	0.00
EQx USER COEFF	943	943	276.03	0.00	0.00	0.00
EQx USER COEFF	944	944	10.20	0.00	0.00	0.00
EQx USER COEFF	945	945	274.38	0.00	0.00	0.00
EQx USER COEFF	946	946	10.20	0.00	0.00	0.00
EQx USER COEFF	947	947	276.03	0.00	0.00	0.00
EQx USER COEFF	948	948	10.20	0.00	0.00	0.00
EQx USER COEFF	949	949	274.38	0.00	0.00	0.00
EQx USER COEFF	950	950	10.20	0.00	0.00	0.00
EQx USER COEFF	951	951	276.03	0.00	0.00	0.00
EQx USER COEFF	952	952	10.20	0.00	0.00	0.00
EQx USER COEFF	953	953	274.38	0.00	0.00	0.00
EQx USER COEFF	954	954	10.20	0.00	0.00	0.00
EQx USER COEFF	955	955	276.03	0.00	0.00	0.00
EQx USER COEFF	956	956	10.20	0.00	0.00	0.00
EQx USER COEFF	957	957	274.38	0.00	0.00	0.00
EQx USER COEFF	958	958	10.20	0.00	0.00	0.00
EQx USER COEFF	959	959	276.03	0.00	0.00	0.00
EQx USER COEFF	960	960	10.20	0.00	0.00	0.00
EQx USER COEFF	961	961	50.60	0.00	0.00	0.00
EQx USER COEFF	962	962	164.59	0.00	0.00	0.00
EQx USER COEFF	963	963	391.00	0.00	0.00	0.00
EQx USER COEFF	964	964	50.60	0.00	0.00	0.00
EQx USER COEFF	965	965	164.59	0.00	0.00	0.00
EQx USER COEFF	966	966	50.60	0.00	0.00	0.00
EQx USER COEFF	967	967	364.23	0.00	0.00	0.00
EQx USER COEFF	968	968	50.60	0.00	0.00	0.00
EQx USER COEFF	969	969	164.59	0.00	0.00	0.00
EQx USER COEFF	970	970	50.60	0.00	0.00	0.00
EQx USER COEFF	971	971	391.00	0.00	0.00	0.00
EQx USER COEFF	972	972	50.60	0.00	0.00	0.00

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EQx USER COEFF	973	973	164.59	0.00	0.00	0.00
EQx USER COEFF	974	974	50.60	0.00	0.00	0.00
EQx USER COEFF	975	975	364.23	0.00	0.00	0.00
EQx USER COEFF	976	976	50.60	0.00	0.00	0.00
EQx USER COEFF	977	977	164.59	0.00	0.00	0.00
EQx USER COEFF	978	978	50.60	0.00	0.00	0.00
EQx USER COEFF	979	979	391.00	0.00	0.00	0.00
EQx USER COEFF	980	980	50.60	0.00	0.00	0.00
EQx USER COEFF	981	981	164.59	0.00	0.00	0.00
EQx USER COEFF	982	982	50.60	0.00	0.00	0.00
EQx USER COEFF	983	983	364.23	0.00	0.00	0.00
EQx USER COEFF	984	984	50.60	0.00	0.00	0.00
EQx USER COEFF	985	985	164.59	0.00	0.00	0.00
EQx USER COEFF	986	986	50.60	0.00	0.00	0.00
EQx USER COEFF	987	987	390.99	0.00	0.00	0.00
EQx USER COEFF	988	988	50.60	0.00	0.00	0.00
EQx USER COEFF	989	989	164.59	0.00	0.00	0.00
EQx USER COEFF	990	990	50.60	0.00	0.00	0.00
EQx USER COEFF	991	991	338.96	0.00	0.00	0.00
EQx USER COEFF	992	992	50.60	0.00	0.00	0.00
EQx USER COEFF	993	993	164.59	0.00	0.00	0.00
EQx USER COEFF	994	994	50.60	0.00	0.00	0.00
EQx USER COEFF	995	995	390.99	0.00	0.00	0.00
EQx USER COEFF	996	996	50.60	0.00	0.00	0.00
EQx USER COEFF	997	997	164.59	0.00	0.00	0.00
EQx USER COEFF	998	998	50.60	0.00	0.00	0.00
EQx USER COEFF	999	999	364.23	0.00	0.00	0.00
EQx USER COEFF	1000	1000	50.60	0.00	0.00	0.00
EQx USER COEFF	1001	1001	164.59	0.00	0.00	0.00
EQx USER COEFF	1002	1002	50.60	0.00	0.00	0.00
EQx USER COEFF	1003	1003	390.99	0.00	0.00	0.00
EQx USER COEFF	1004	1004	50.60	0.00	0.00	0.00
EQx USER COEFF	1005	1005	164.59	0.00	0.00	0.00
EQx USER COEFF	1006	1006	50.60	0.00	0.00	0.00
EQx USER COEFF	1007	1007	364.23	0.00	0.00	0.00
EQx USER COEFF	1008	1008	50.60	0.00	0.00	0.00
EQx USER COEFF	1009	1009	164.59	0.00	0.00	0.00
EQx USER COEFF	1010	1010	50.60	0.00	0.00	0.00
EQx USER COEFF	1011	1011	391.00	0.00	0.00	0.00
EQx USER COEFF	1012	1012	50.60	0.00	0.00	0.00
EQx USER COEFF	1013	1013	164.59	0.00	0.00	0.00
EQx USER COEFF	1014	1014	50.60	0.00	0.00	0.00
EQx USER COEFF	1015	1015	364.23	0.00	0.00	0.00
EQx USER COEFF	1016	1016	50.60	0.00	0.00	0.00
EQx USER COEFF	1017	1017	164.59	0.00	0.00	0.00
EQx USER COEFF	1018	1018	50.60	0.00	0.00	0.00
EQx USER COEFF	1019	1019	390.99	0.00	0.00	0.00
EQx USER COEFF	1020	1020	50.60	0.00	0.00	0.00
EQx USER COEFF	1021	1021	164.59	0.00	0.00	0.00
EQx USER COEFF	1022	1022	50.60	0.00	0.00	0.00
EQx USER COEFF	1023	1023	364.23	0.00	0.00	0.00
EQx USER COEFF	1024	1024	50.60	0.00	0.00	0.00
EQx USER COEFF	1025	1025	164.59	0.00	0.00	0.00
EQx USER COEFF	1026	1026	50.60	0.00	0.00	0.00
EQx USER COEFF	1027	1027	390.99	0.00	0.00	0.00
EQx USER COEFF	1028	1028	50.60	0.00	0.00	0.00
EQx USER COEFF	1029	1029	164.59	0.00	0.00	0.00
EQx USER COEFF	1030	1030	50.60	0.00	0.00	0.00
EQx USER COEFF	1031	1031	364.23	0.00	0.00	0.00
EQx USER COEFF	1032	1032	50.60	0.00	0.00	0.00
EQx USER COEFF	1033	1033	164.59	0.00	0.00	0.00
EQx USER COEFF	1034	1034	50.60	0.00	0.00	0.00
EQx USER COEFF	1035	1035	391.00	0.00	0.00	0.00
EQx USER COEFF	1036	1036	50.60	0.00	0.00	0.00
EQx USER COEFF	1037	1037	164.59	0.00	0.00	0.00
EQx USER COEFF	1038	1038	50.60	0.00	0.00	0.00
EQx USER COEFF	1039	1039	364.23	0.00	0.00	0.00
EQx USER COEFF	1040	1040	50.60	0.00	0.00	0.00
EQx USER COEFF	1041	1041	4.84	0.00	0.00	0.00
EQx USER COEFF	1042	1042	4.40	0.00	0.00	0.00
EQx USER COEFF	1043	1043	335.03	0.00	0.00	0.00
EQx USER COEFF	1044	1044	4.84	0.00	0.00	0.00
EQx USER COEFF	1045	1045	4.40	0.00	0.00	0.00
EQx USER COEFF	1046	1046	4.84	0.00	0.00	0.00
EQx USER COEFF	1047	1047	339.02	0.00	0.00	0.00
EQx USER COEFF	1048	1048	4.84	0.00	0.00	0.00
EQx USER COEFF	1049	1049	4.40	0.00	0.00	0.00
EQx USER COEFF	1050	1050	4.84	0.00	0.00	0.00
EQx USER COEFF	1051	1051	335.03	0.00	0.00	0.00
EQx USER COEFF	1052	1052	4.84	0.00	0.00	0.00

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EQx USER COEFF	1053	1053	4.40	0.00	0.00	0.00
EQx USER COEFF	1054	1054	4.84	0.00	0.00	0.00
EQx USER COEFF	1055	1055	339.02	0.00	0.00	0.00
EQx USER COEFF	1056	1056	4.84	0.00	0.00	0.00
EQx USER COEFF	1057	1057	4.40	0.00	0.00	0.00
EQx USER COEFF	1058	1058	4.84	0.00	0.00	0.00
EQx USER COEFF	1059	1059	335.03	0.00	0.00	0.00
EQx USER COEFF	1060	1060	4.84	0.00	0.00	0.00
EQx USER COEFF	1061	1061	4.40	0.00	0.00	0.00
EQx USER COEFF	1062	1062	4.84	0.00	0.00	0.00
EQx USER COEFF	1063	1063	339.02	0.00	0.00	0.00
EQx USER COEFF	1064	1064	4.84	0.00	0.00	0.00
EQx USER COEFF	1065	1065	4.40	0.00	0.00	0.00
EQx USER COEFF	1066	1066	4.84	0.00	0.00	0.00
EQx USER COEFF	1067	1067	335.04	0.00	0.00	0.00
EQx USER COEFF	1068	1068	4.84	0.00	0.00	0.00
EQx USER COEFF	1069	1069	4.40	0.00	0.00	0.00
EQx USER COEFF	1070	1070	4.84	0.00	0.00	0.00
EQx USER COEFF	1071	1071	339.03	0.00	0.00	0.00
EQx USER COEFF	1072	1072	4.84	0.00	0.00	0.00
EQx USER COEFF	1073	1073	4.40	0.00	0.00	0.00
EQx USER COEFF	1074	1074	4.84	0.00	0.00	0.00
EQx USER COEFF	1075	1075	335.04	0.00	0.00	0.00
EQx USER COEFF	1076	1076	4.84	0.00	0.00	0.00
EQx USER COEFF	1077	1077	4.40	0.00	0.00	0.00
EQx USER COEFF	1078	1078	4.84	0.00	0.00	0.00
EQx USER COEFF	1079	1079	339.03	0.00	0.00	0.00
EQx USER COEFF	1080	1080	4.84	0.00	0.00	0.00
EQx USER COEFF	1081	1081	4.40	0.00	0.00	0.00
EQx USER COEFF	1082	1082	4.84	0.00	0.00	0.00
EQx USER COEFF	1083	1083	335.04	0.00	0.00	0.00
EQx USER COEFF	1084	1084	4.84	0.00	0.00	0.00
EQx USER COEFF	1085	1085	4.40	0.00	0.00	0.00
EQx USER COEFF	1086	1086	4.84	0.00	0.00	0.00
EQx USER COEFF	1087	1087	339.02	0.00	0.00	0.00
EQx USER COEFF	1088	1088	4.84	0.00	0.00	0.00
EQx USER COEFF	1089	1089	4.40	0.00	0.00	0.00
EQx USER COEFF	1090	1090	4.84	0.00	0.00	0.00
EQx USER COEFF	1091	1091	335.03	0.00	0.00	0.00
EQx USER COEFF	1092	1092	4.84	0.00	0.00	0.00
EQx USER COEFF	1093	1093	4.40	0.00	0.00	0.00
EQx USER COEFF	1094	1094	4.84	0.00	0.00	0.00
EQx USER COEFF	1095	1095	339.02	0.00	0.00	0.00
EQx USER COEFF	1096	1096	4.84	0.00	0.00	0.00
EQx USER COEFF	1097	1097	4.40	0.00	0.00	0.00
EQx USER COEFF	1098	1098	4.84	0.00	0.00	0.00
EQx USER COEFF	1099	1099	335.04	0.00	0.00	0.00
EQx USER COEFF	1100	1100	4.84	0.00	0.00	0.00
EQx USER COEFF	1101	1101	4.40	0.00	0.00	0.00
EQx USER COEFF	1102	1102	4.84	0.00	0.00	0.00
EQx USER COEFF	1103	1103	339.03	0.00	0.00	0.00
EQx USER COEFF	1104	1104	4.84	0.00	0.00	0.00
EQx USER COEFF	1105	1105	4.40	0.00	0.00	0.00
EQx USER COEFF	1106	1106	4.84	0.00	0.00	0.00
EQx USER COEFF	1107	1107	335.04	0.00	0.00	0.00
EQx USER COEFF	1108	1108	4.84	0.00	0.00	0.00
EQx USER COEFF	1109	1109	4.40	0.00	0.00	0.00
EQx USER COEFF	1110	1110	4.84	0.00	0.00	0.00
EQx USER COEFF	1111	1111	339.03	0.00	0.00	0.00
EQx USER COEFF	1112	1112	4.84	0.00	0.00	0.00
EQx USER COEFF	1113	1113	4.40	0.00	0.00	0.00
EQx USER COEFF	1114	1114	4.84	0.00	0.00	0.00
EQx USER COEFF	1115	1115	335.03	0.00	0.00	0.00
EQx USER COEFF	1116	1116	4.84	0.00	0.00	0.00
EQx USER COEFF	1117	1117	4.40	0.00	0.00	0.00
EQx USER COEFF	1118	1118	4.84	0.00	0.00	0.00
EQx USER COEFF	1119	1119	339.02	0.00	0.00	0.00
EQx USER COEFF	1120	1120	4.84	0.00	0.00	0.00
EQx USER COEFF	1121	1121	3.24	0.00	0.00	0.00
EQx USER COEFF	1122	1122	3.00	0.00	0.00	0.00
EQx USER COEFF	1123	1123	251.13	0.00	0.00	0.00
EQx USER COEFF	1124	1124	3.24	0.00	0.00	0.00
EQx USER COEFF	1125	1125	3.00	0.00	0.00	0.00
EQx USER COEFF	1126	1126	3.24	0.00	0.00	0.00
EQx USER COEFF	1127	1127	254.30	0.00	0.00	0.00
EQx USER COEFF	1128	1128	3.24	0.00	0.00	0.00
EQx USER COEFF	1129	1129	3.00	0.00	0.00	0.00
EQx USER COEFF	1130	1130	3.24	0.00	0.00	0.00
EQx USER COEFF	1131	1131	251.13	0.00	0.00	0.00
EQx USER COEFF	1132	1132	3.24	0.00	0.00	0.00

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EQx USER COEFF	1133	1133	3.00	0.00	0.00	0.00
EQx USER COEFF	1134	1134	3.24	0.00	0.00	0.00
EQx USER COEFF	1135	1135	254.30	0.00	0.00	0.00
EQx USER COEFF	1136	1136	3.24	0.00	0.00	0.00
EQx USER COEFF	1137	1137	3.00	0.00	0.00	0.00
EQx USER COEFF	1138	1138	3.24	0.00	0.00	0.00
EQx USER COEFF	1139	1139	251.13	0.00	0.00	0.00
EQx USER COEFF	1140	1140	3.24	0.00	0.00	0.00
EQx USER COEFF	1141	1141	3.00	0.00	0.00	0.00
EQx USER COEFF	1142	1142	3.24	0.00	0.00	0.00
EQx USER COEFF	1143	1143	254.30	0.00	0.00	0.00
EQx USER COEFF	1144	1144	3.24	0.00	0.00	0.00
EQx USER COEFF	1145	1145	3.00	0.00	0.00	0.00
EQx USER COEFF	1146	1146	3.24	0.00	0.00	0.00
EQx USER COEFF	1147	1147	251.13	0.00	0.00	0.00
EQx USER COEFF	1148	1148	3.24	0.00	0.00	0.00
EQx USER COEFF	1149	1149	3.00	0.00	0.00	0.00
EQx USER COEFF	1150	1150	3.24	0.00	0.00	0.00
EQx USER COEFF	1151	1151	254.30	0.00	0.00	0.00
EQx USER COEFF	1152	1152	3.24	0.00	0.00	0.00
EQx USER COEFF	1153	1153	3.00	0.00	0.00	0.00
EQx USER COEFF	1154	1154	3.24	0.00	0.00	0.00
EQx USER COEFF	1155	1155	251.13	0.00	0.00	0.00
EQx USER COEFF	1156	1156	3.24	0.00	0.00	0.00
EQx USER COEFF	1157	1157	3.00	0.00	0.00	0.00
EQx USER COEFF	1158	1158	3.24	0.00	0.00	0.00
EQx USER COEFF	1159	1159	254.30	0.00	0.00	0.00
EQx USER COEFF	1160	1160	3.24	0.00	0.00	0.00
EQx USER COEFF	1161	1161	3.00	0.00	0.00	0.00
EQx USER COEFF	1162	1162	3.24	0.00	0.00	0.00
EQx USER COEFF	1163	1163	251.13	0.00	0.00	0.00
EQx USER COEFF	1164	1164	3.24	0.00	0.00	0.00
EQx USER COEFF	1165	1165	3.00	0.00	0.00	0.00
EQx USER COEFF	1166	1166	3.24	0.00	0.00	0.00
EQx USER COEFF	1167	1167	254.30	0.00	0.00	0.00
EQx USER COEFF	1168	1168	3.24	0.00	0.00	0.00
EQx USER COEFF	1169	1169	3.00	0.00	0.00	0.00
EQx USER COEFF	1170	1170	3.24	0.00	0.00	0.00
EQx USER COEFF	1171	1171	251.13	0.00	0.00	0.00
EQx USER COEFF	1172	1172	3.24	0.00	0.00	0.00
EQx USER COEFF	1173	1173	3.00	0.00	0.00	0.00
EQx USER COEFF	1174	1174	3.24	0.00	0.00	0.00
EQx USER COEFF	1175	1175	254.61	0.00	0.00	0.00
EQx USER COEFF	1176	1176	3.60	0.00	0.00	0.00
EQx USER COEFF	1177	1177	3.00	0.00	0.00	0.00
EQx USER COEFF	1178	1178	3.24	0.00	0.00	0.00
EQx USER COEFF	1179	1179	251.13	0.00	0.00	0.00
EQx USER COEFF	1180	1180	3.24	0.00	0.00	0.00
EQx USER COEFF	1181	1181	3.00	0.00	0.00	0.00
EQx USER COEFF	1182	1182	3.24	0.00	0.00	0.00
EQx USER COEFF	1183	1183	254.30	0.00	0.00	0.00
EQx USER COEFF	1184	1184	3.24	0.00	0.00	0.00
EQx USER COEFF	1185	1185	3.00	0.00	0.00	0.00
EQx USER COEFF	1186	1186	3.24	0.00	0.00	0.00
EQx USER COEFF	1187	1187	251.13	0.00	0.00	0.00
EQx USER COEFF	1188	1188	3.24	0.00	0.00	0.00
EQx USER COEFF	1189	1189	3.00	0.00	0.00	0.00
EQx USER COEFF	1190	1190	3.24	0.00	0.00	0.00
EQx USER COEFF	1191	1191	254.30	0.00	0.00	0.00
EQx USER COEFF	1192	1192	3.24	0.00	0.00	0.00
EQx USER COEFF	1193	1193	3.00	0.00	0.00	0.00
EQx USER COEFF	1194	1194	3.24	0.00	0.00	0.00
EQx USER COEFF	1195	1195	251.13	0.00	0.00	0.00
EQx USER COEFF	1196	1196	3.24	0.00	0.00	0.00
EQx USER COEFF	1197	1197	3.00	0.00	0.00	0.00
EQx USER COEFF	1198	1198	3.24	0.00	0.00	0.00
EQx USER COEFF	1199	1199	254.30	0.00	0.00	0.00
EQx USER COEFF	1200	1200	3.24	0.00	0.00	0.00
EQx USER COEFF	1201	1201	13.48	0.00	0.00	0.00
EQx USER COEFF	1202	1202	13.48	0.00	0.00	0.00
EQx USER COEFF	1203	1203	98.19	0.00	0.00	0.00
EQx USER COEFF	1204	1204	13.48	0.00	0.00	0.00
EQx USER COEFF	1205	1205	13.48	0.00	0.00	0.00
EQx USER COEFF	1206	1206	13.48	0.00	0.00	0.00
EQx USER COEFF	1207	1207	119.37	0.00	0.00	0.00
EQx USER COEFF	1208	1208	13.48	0.00	0.00	0.00
EQx USER COEFF	1209	1209	13.48	0.00	0.00	0.00
EQx USER COEFF	1210	1210	13.48	0.00	0.00	0.00
EQx USER COEFF	1211	1211	98.19	0.00	0.00	0.00
EQx USER COEFF	1212	1212	13.48	0.00	0.00	0.00

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EQx USER COEFF	1213	1213	13.48	0.00	0.00	0.00
EQx USER COEFF	1214	1214	13.48	0.00	0.00	0.00
EQx USER COEFF	1215	1215	119.37	0.00	0.00	0.00
EQx USER COEFF	1216	1216	13.48	0.00	0.00	0.00
EQx USER COEFF	1217	1217	13.48	0.00	0.00	0.00
EQx USER COEFF	1218	1218	13.48	0.00	0.00	0.00
EQx USER COEFF	1219	1219	98.19	0.00	0.00	0.00
EQx USER COEFF	1220	1220	13.48	0.00	0.00	0.00
EQx USER COEFF	1221	1221	13.48	0.00	0.00	0.00
EQx USER COEFF	1222	1222	13.48	0.00	0.00	0.00
EQx USER COEFF	1223	1223	119.37	0.00	0.00	0.00
EQx USER COEFF	1224	1224	13.48	0.00	0.00	0.00
EQx USER COEFF	1225	1225	13.48	0.00	0.00	0.00
EQx USER COEFF	1226	1226	13.48	0.00	0.00	0.00
EQx USER COEFF	1227	1227	98.19	0.00	0.00	0.00
EQx USER COEFF	1228	1228	13.48	0.00	0.00	0.00
EQx USER COEFF	1229	1229	13.48	0.00	0.00	0.00
EQx USER COEFF	1230	1230	13.48	0.00	0.00	0.00
EQx USER COEFF	1231	1231	119.37	0.00	0.00	0.00
EQx USER COEFF	1232	1232	13.48	0.00	0.00	0.00
EQx USER COEFF	1233	1233	13.48	0.00	0.00	0.00
EQx USER COEFF	1234	1234	13.48	0.00	0.00	0.00
EQx USER COEFF	1235	1235	98.19	0.00	0.00	0.00
EQx USER COEFF	1236	1236	13.48	0.00	0.00	0.00
EQx USER COEFF	1237	1237	13.48	0.00	0.00	0.00
EQx USER COEFF	1238	1238	13.48	0.00	0.00	0.00
EQx USER COEFF	1239	1239	119.37	0.00	0.00	0.00
EQx USER COEFF	1240	1240	13.48	0.00	0.00	0.00
EQx USER COEFF	1241	1241	13.48	0.00	0.00	0.00
EQx USER COEFF	1242	1242	13.48	0.00	0.00	0.00
EQx USER COEFF	1243	1243	98.19	0.00	0.00	0.00
EQx USER COEFF	1244	1244	13.48	0.00	0.00	0.00
EQx USER COEFF	1245	1245	13.48	0.00	0.00	0.00
EQx USER COEFF	1246	1246	13.48	0.00	0.00	0.00
EQx USER COEFF	1247	1247	119.37	0.00	0.00	0.00
EQx USER COEFF	1248	1248	13.48	0.00	0.00	0.00
EQx USER COEFF	1249	1249	13.48	0.00	0.00	0.00
EQx USER COEFF	1250	1250	13.48	0.00	0.00	0.00
EQx USER COEFF	1251	1251	98.19	0.00	0.00	0.00
EQx USER COEFF	1252	1252	13.48	0.00	0.00	0.00
EQx USER COEFF	1253	1253	13.48	0.00	0.00	0.00
EQx USER COEFF	1254	1254	13.48	0.00	0.00	0.00
EQx USER COEFF	1255	1255	119.37	0.00	0.00	0.00
EQx USER COEFF	1256	1256	13.48	0.00	0.00	0.00
EQx USER COEFF	1257	1257	13.48	0.00	0.00	0.00
EQx USER COEFF	1258	1258	13.48	0.00	0.00	0.00
EQx USER COEFF	1259	1259	98.19	0.00	0.00	0.00
EQx USER COEFF	1260	1260	13.48	0.00	0.00	0.00
EQx USER COEFF	1261	1261	13.48	0.00	0.00	0.00
EQx USER COEFF	1262	1262	13.48	0.00	0.00	0.00
EQx USER COEFF	1263	1263	119.37	0.00	0.00	0.00
EQx USER COEFF	1264	1264	13.48	0.00	0.00	0.00
EQx USER COEFF	1265	1265	13.48	0.00	0.00	0.00
EQx USER COEFF	1266	1266	13.48	0.00	0.00	0.00
EQx USER COEFF	1267	1267	98.19	0.00	0.00	0.00
EQx USER COEFF	1268	1268	13.48	0.00	0.00	0.00
EQx USER COEFF	1269	1269	13.48	0.00	0.00	0.00
EQx USER COEFF	1270	1270	13.48	0.00	0.00	0.00
EQx USER COEFF	1271	1271	119.37	0.00	0.00	0.00
EQx USER COEFF	1272	1272	13.48	0.00	0.00	0.00
EQx USER COEFF	1273	1273	13.48	0.00	0.00	0.00
EQx USER COEFF	1274	1274	13.48	0.00	0.00	0.00
EQx USER COEFF	1275	1275	98.19	0.00	0.00	0.00
EQx USER COEFF	1276	1276	13.48	0.00	0.00	0.00
EQx USER COEFF	1277	1277	13.48	0.00	0.00	0.00
EQx USER COEFF	1278	1278	13.48	0.00	0.00	0.00
EQx USER COEFF	1279	1279	119.37	0.00	0.00	0.00
EQx USER COEFF	1280	1280	13.48	0.00	0.00	0.00
EQy USER COEFF	3	3	0.00	48.47	0.00	0.00
EQy USER COEFF	4	4	0.00	48.57	0.00	0.00
EQy USER COEFF	6	6	0.00	48.57	0.00	0.00
EQy USER COEFF	8	8	0.00	48.47	0.00	0.00
EQy USER COEFF	10	10	0.00	48.57	0.00	0.00
EQy USER COEFF	12	12	0.00	48.47	0.00	0.00
EQy USER COEFF	14	14	0.00	48.57	0.00	0.00
EQy USER COEFF	16	16	0.00	48.47	0.00	0.00
EQy USER COEFF	18	18	0.00	48.57	0.00	0.00
EQy USER COEFF	20	20	0.00	48.47	0.00	0.00
EQy USER COEFF	22	22	0.00	48.57	0.00	0.00
EQy USER COEFF	24	24	0.00	48.86	0.00	0.00

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for
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EQy USER COEFF	26	26	0.00	48.96	0.00	0.00
EQy USER COEFF	28	28	0.00	48.86	0.00	0.00
EQy USER COEFF	30	30	0.00	48.96	0.00	0.00
EQy USER COEFF	32	32	0.00	48.86	0.00	0.00
EQy USER COEFF	34	34	0.00	48.96	0.00	0.00
EQy USER COEFF	36	36	0.00	48.86	0.00	0.00
EQy USER COEFF	38	38	0.00	48.96	0.00	0.00
EQy USER COEFF	40	40	0.00	48.86	0.00	0.00
EQy USER COEFF	42	42	0.00	48.96	0.00	0.00
EQy USER COEFF	44	44	0.00	48.86	0.00	0.00
EQy USER COEFF	46	46	0.00	48.96	0.00	0.00
EQy USER COEFF	48	48	0.00	48.86	0.00	0.00
EQy USER COEFF	50	50	0.00	48.96	0.00	0.00
EQy USER COEFF	52	52	0.00	48.86	0.00	0.00
EQy USER COEFF	54	54	0.00	48.96	0.00	0.00
EQy USER COEFF	56	56	0.00	48.86	0.00	0.00
EQy USER COEFF	58	58	0.00	48.96	0.00	0.00
EQy USER COEFF	60	60	0.00	48.86	0.00	0.00
EQy USER COEFF	62	62	0.00	48.96	0.00	0.00
EQy USER COEFF	64	64	0.00	48.86	0.00	0.00
EQy USER COEFF	66	66	0.00	48.96	0.00	0.00
EQy USER COEFF	68	68	0.00	48.86	0.00	0.00
EQy USER COEFF	70	70	0.00	48.96	0.00	0.00
EQy USER COEFF	72	72	0.00	48.86	0.00	0.00
EQy USER COEFF	74	74	0.00	48.96	0.00	0.00
EQy USER COEFF	76	76	0.00	48.86	0.00	0.00
EQy USER COEFF	78	78	0.00	48.96	0.00	0.00
EQy USER COEFF	80	80	0.00	48.86	0.00	0.00
EQy USER COEFF	82	82	0.00	48.96	0.00	0.00
EQy USER COEFF	84	84	0.00	48.86	0.00	0.00
EQy USER COEFF	86	86	0.00	48.56	0.00	0.00
EQy USER COEFF	88	88	0.00	48.45	0.00	0.00
EQy USER COEFF	90	90	0.00	48.56	0.00	0.00
EQy USER COEFF	92	92	0.00	48.86	0.00	0.00
EQy USER COEFF	94	94	0.00	48.96	0.00	0.00
EQy USER COEFF	96	96	0.00	48.86	0.00	0.00
EQy USER COEFF	98	98	0.00	48.96	0.00	0.00
EQy USER COEFF	100	100	0.00	48.47	0.00	0.00
EQy USER COEFF	102	102	0.00	48.56	0.00	0.00
EQy USER COEFF	104	104	0.00	48.45	0.00	0.00
EQy USER COEFF	106	106	0.00	48.56	0.00	0.00
EQy USER COEFF	108	108	0.00	48.47	0.00	0.00
EQy USER COEFF	110	110	0.00	48.57	0.00	0.00
EQy USER COEFF	112	112	0.00	48.47	0.00	0.00
EQy USER COEFF	114	114	0.00	48.57	0.00	0.00
EQy USER COEFF	116	116	0.00	48.47	0.00	0.00
EQy USER COEFF	118	118	0.00	48.57	0.00	0.00
EQy USER COEFF	120	120	0.00	48.47	0.00	0.00
EQy USER COEFF	122	122	0.00	48.57	0.00	0.00
EQy USER COEFF	124	124	0.00	48.47	0.00	0.00
EQy USER COEFF	126	126	0.00	48.57	0.00	0.00
EQy USER COEFF	128	128	0.00	48.47	0.00	0.00
EQy USER COEFF	130	130	0.00	48.57	0.00	0.00
EQy USER COEFF	132	132	0.00	48.47	0.00	0.00
EQy USER COEFF	134	134	0.00	48.57	0.00	0.00
EQy USER COEFF	136	136	0.00	48.47	0.00	0.00
EQy USER COEFF	138	138	0.00	48.57	0.00	0.00
EQy USER COEFF	140	140	0.00	48.47	0.00	0.00
EQy USER COEFF	142	142	0.00	48.57	0.00	0.00
EQy USER COEFF	144	144	0.00	48.47	0.00	0.00
EQy USER COEFF	146	146	0.00	48.57	0.00	0.00
EQy USER COEFF	148	148	0.00	48.47	0.00	0.00
EQy USER COEFF	150	150	0.00	48.57	0.00	0.00
EQy USER COEFF	152	152	0.00	48.47	0.00	0.00
EQy USER COEFF	154	154	0.00	48.57	0.00	0.00
EQy USER COEFF	156	156	0.00	48.47	0.00	0.00
EQy USER COEFF	158	158	0.00	48.57	0.00	0.00
EQy USER COEFF	160	160	0.00	48.47	0.00	0.00
EQy USER COEFF	161	161	0.00	89.65	0.00	0.00
EQy USER COEFF	162	162	0.00	89.85	0.00	0.00
EQy USER COEFF	163	163	0.00	89.85	0.00	0.00
EQy USER COEFF	164	164	0.00	89.65	0.00	0.00
EQy USER COEFF	165	165	0.00	89.85	0.00	0.00
EQy USER COEFF	166	166	0.00	89.65	0.00	0.00
EQy USER COEFF	167	167	0.00	89.85	0.00	0.00
EQy USER COEFF	168	168	0.00	88.06	0.00	0.00
EQy USER COEFF	169	169	0.00	89.85	0.00	0.00
EQy USER COEFF	170	170	0.00	89.65	0.00	0.00
EQy USER COEFF	171	171	0.00	89.85	0.00	0.00
EQy USER COEFF	172	172	0.00	88.89	0.00	0.00

Roof Calculation Book

for
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EQy USER COEFF	173	173	0.00	89.09	0.00	0.00
EQy USER COEFF	174	174	0.00	88.89	0.00	0.00
EQy USER COEFF	175	175	0.00	89.09	0.00	0.00
EQy USER COEFF	176	176	0.00	88.89	0.00	0.00
EQy USER COEFF	177	177	0.00	89.09	0.00	0.00
EQy USER COEFF	178	178	0.00	89.69	0.00	0.00
EQy USER COEFF	179	179	0.00	89.90	0.00	0.00
EQy USER COEFF	180	180	0.00	88.89	0.00	0.00
EQy USER COEFF	181	181	0.00	89.09	0.00	0.00
EQy USER COEFF	182	182	0.00	88.89	0.00	0.00
EQy USER COEFF	183	183	0.00	89.09	0.00	0.00
EQy USER COEFF	184	184	0.00	88.89	0.00	0.00
EQy USER COEFF	185	185	0.00	89.09	0.00	0.00
EQy USER COEFF	186	186	0.00	88.89	0.00	0.00
EQy USER COEFF	187	187	0.00	89.09	0.00	0.00
EQy USER COEFF	188	188	0.00	88.89	0.00	0.00
EQy USER COEFF	189	189	0.00	89.90	0.00	0.00
EQy USER COEFF	190	190	0.00	89.69	0.00	0.00
EQy USER COEFF	191	191	0.00	89.90	0.00	0.00
EQy USER COEFF	192	192	0.00	89.69	0.00	0.00
EQy USER COEFF	193	193	0.00	89.90	0.00	0.00
EQy USER COEFF	194	194	0.00	89.69	0.00	0.00
EQy USER COEFF	195	195	0.00	89.90	0.00	0.00
EQy USER COEFF	196	196	0.00	89.69	0.00	0.00
EQy USER COEFF	197	197	0.00	89.90	0.00	0.00
EQy USER COEFF	198	198	0.00	89.69	0.00	0.00
EQy USER COEFF	199	199	0.00	89.90	0.00	0.00
EQy USER COEFF	200	200	0.00	89.69	0.00	0.00
EQy USER COEFF	201	201	0.00	89.90	0.00	0.00
EQy USER COEFF	202	202	0.00	89.69	0.00	0.00
EQy USER COEFF	203	203	0.00	89.90	0.00	0.00
EQy USER COEFF	204	204	0.00	89.69	0.00	0.00
EQy USER COEFF	205	205	0.00	89.90	0.00	0.00
EQy USER COEFF	206	206	0.00	89.69	0.00	0.00
EQy USER COEFF	207	207	0.00	89.90	0.00	0.00
EQy USER COEFF	208	208	0.00	89.69	0.00	0.00
EQy USER COEFF	209	209	0.00	89.90	0.00	0.00
EQy USER COEFF	210	210	0.00	90.45	0.00	0.00
EQy USER COEFF	211	211	0.00	89.90	0.00	0.00
EQy USER COEFF	212	212	0.00	89.69	0.00	0.00
EQy USER COEFF	213	213	0.00	89.90	0.00	0.00
EQy USER COEFF	214	214	0.00	90.45	0.00	0.00
EQy USER COEFF	215	215	0.00	90.66	0.00	0.00
EQy USER COEFF	216	216	0.00	90.45	0.00	0.00
EQy USER COEFF	217	217	0.00	90.66	0.00	0.00
EQy USER COEFF	218	218	0.00	90.45	0.00	0.00
EQy USER COEFF	219	219	0.00	90.66	0.00	0.00
EQy USER COEFF	220	220	0.00	90.45	0.00	0.00
EQy USER COEFF	221	221	0.00	90.66	0.00	0.00
EQy USER COEFF	222	222	0.00	90.45	0.00	0.00
EQy USER COEFF	223	223	0.00	90.66	0.00	0.00
EQy USER COEFF	224	224	0.00	90.45	0.00	0.00
EQy USER COEFF	225	225	0.00	90.66	0.00	0.00
EQy USER COEFF	226	226	0.00	90.45	0.00	0.00
EQy USER COEFF	227	227	0.00	90.66	0.00	0.00
EQy USER COEFF	228	228	0.00	90.45	0.00	0.00
EQy USER COEFF	229	229	0.00	90.66	0.00	0.00
EQy USER COEFF	230	230	0.00	90.45	0.00	0.00
EQy USER COEFF	231	231	0.00	90.66	0.00	0.00
EQy USER COEFF	232	232	0.00	90.45	0.00	0.00
EQy USER COEFF	233	233	0.00	89.85	0.00	0.00
EQy USER COEFF	234	234	0.00	89.65	0.00	0.00
EQy USER COEFF	235	235	0.00	89.85	0.00	0.00
EQy USER COEFF	236	236	0.00	89.65	0.00	0.00
EQy USER COEFF	237	237	0.00	89.85	0.00	0.00
EQy USER COEFF	238	238	0.00	89.65	0.00	0.00
EQy USER COEFF	239	239	0.00	89.85	0.00	0.00
EQy USER COEFF	240	240	0.00	89.65	0.00	0.00
EQy USER COEFF	241	241	0.00	123.67	0.00	0.00
EQy USER COEFF	242	242	0.00	123.97	0.00	0.00
EQy USER COEFF	243	243	0.00	125.18	0.00	0.00
EQy USER COEFF	244	244	0.00	124.88	0.00	0.00
EQy USER COEFF	245	245	0.00	125.18	0.00	0.00
EQy USER COEFF	246	246	0.00	124.88	0.00	0.00
EQy USER COEFF	247	247	0.00	125.18	0.00	0.00
EQy USER COEFF	248	248	0.00	122.58	0.00	0.00
EQy USER COEFF	249	249	0.00	125.18	0.00	0.00
EQy USER COEFF	250	250	0.00	124.88	0.00	0.00
EQy USER COEFF	251	251	0.00	125.18	0.00	0.00
EQy USER COEFF	252	252	0.00	124.88	0.00	0.00

Roof Calculation Book

for
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Project No. Rev.

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EQy USER COEFF	253	253	0.00	125.18	0.00	0.00
EQy USER COEFF	254	254	0.00	124.88	0.00	0.00
EQy USER COEFF	255	255	0.00	125.18	0.00	0.00
EQy USER COEFF	256	256	0.00	124.88	0.00	0.00
EQy USER COEFF	257	257	0.00	125.18	0.00	0.00
EQy USER COEFF	258	258	0.00	123.70	0.00	0.00
EQy USER COEFF	259	259	0.00	124.00	0.00	0.00
EQy USER COEFF	260	260	0.00	124.88	0.00	0.00
EQy USER COEFF	261	261	0.00	125.18	0.00	0.00
EQy USER COEFF	262	262	0.00	124.88	0.00	0.00
EQy USER COEFF	263	263	0.00	125.18	0.00	0.00
EQy USER COEFF	264	264	0.00	124.88	0.00	0.00
EQy USER COEFF	265	265	0.00	125.18	0.00	0.00
EQy USER COEFF	266	266	0.00	124.88	0.00	0.00
EQy USER COEFF	267	267	0.00	125.18	0.00	0.00
EQy USER COEFF	268	268	0.00	124.88	0.00	0.00
EQy USER COEFF	269	269	0.00	124.00	0.00	0.00
EQy USER COEFF	270	270	0.00	123.70	0.00	0.00
EQy USER COEFF	271	271	0.00	124.00	0.00	0.00
EQy USER COEFF	272	272	0.00	123.70	0.00	0.00
EQy USER COEFF	273	273	0.00	124.00	0.00	0.00
EQy USER COEFF	274	274	0.00	123.70	0.00	0.00
EQy USER COEFF	275	275	0.00	124.00	0.00	0.00
EQy USER COEFF	276	276	0.00	123.70	0.00	0.00
EQy USER COEFF	277	277	0.00	124.00	0.00	0.00
EQy USER COEFF	278	278	0.00	123.70	0.00	0.00
EQy USER COEFF	279	279	0.00	124.00	0.00	0.00
EQy USER COEFF	280	280	0.00	123.70	0.00	0.00
EQy USER COEFF	281	281	0.00	124.00	0.00	0.00
EQy USER COEFF	282	282	0.00	123.70	0.00	0.00
EQy USER COEFF	283	283	0.00	124.00	0.00	0.00
EQy USER COEFF	284	284	0.00	123.70	0.00	0.00
EQy USER COEFF	285	285	0.00	124.00	0.00	0.00
EQy USER COEFF	286	286	0.00	123.70	0.00	0.00
EQy USER COEFF	287	287	0.00	124.00	0.00	0.00
EQy USER COEFF	288	288	0.00	123.70	0.00	0.00
EQy USER COEFF	289	289	0.00	124.00	0.00	0.00
EQy USER COEFF	290	290	0.00	123.70	0.00	0.00
EQy USER COEFF	291	291	0.00	124.00	0.00	0.00
EQy USER COEFF	292	292	0.00	123.70	0.00	0.00
EQy USER COEFF	293	293	0.00	124.00	0.00	0.00
EQy USER COEFF	294	294	0.00	123.70	0.00	0.00
EQy USER COEFF	295	295	0.00	124.00	0.00	0.00
EQy USER COEFF	296	296	0.00	123.70	0.00	0.00
EQy USER COEFF	297	297	0.00	124.00	0.00	0.00
EQy USER COEFF	298	298	0.00	123.70	0.00	0.00
EQy USER COEFF	299	299	0.00	124.00	0.00	0.00
EQy USER COEFF	300	300	0.00	123.70	0.00	0.00
EQy USER COEFF	301	301	0.00	124.00	0.00	0.00
EQy USER COEFF	302	302	0.00	123.70	0.00	0.00
EQy USER COEFF	303	303	0.00	124.00	0.00	0.00
EQy USER COEFF	304	304	0.00	123.70	0.00	0.00
EQy USER COEFF	305	305	0.00	124.00	0.00	0.00
EQy USER COEFF	306	306	0.00	123.70	0.00	0.00
EQy USER COEFF	307	307	0.00	124.00	0.00	0.00
EQy USER COEFF	308	308	0.00	123.70	0.00	0.00
EQy USER COEFF	309	309	0.00	124.00	0.00	0.00
EQy USER COEFF	310	310	0.00	123.70	0.00	0.00
EQy USER COEFF	311	311	0.00	124.00	0.00	0.00
EQy USER COEFF	312	312	0.00	123.70	0.00	0.00
EQy USER COEFF	313	313	0.00	125.18	0.00	0.00
EQy USER COEFF	314	314	0.00	124.88	0.00	0.00
EQy USER COEFF	315	315	0.00	125.18	0.00	0.00
EQy USER COEFF	316	316	0.00	124.88	0.00	0.00
EQy USER COEFF	317	317	0.00	125.18	0.00	0.00
EQy USER COEFF	318	318	0.00	124.88	0.00	0.00
EQy USER COEFF	319	319	0.00	123.97	0.00	0.00
EQy USER COEFF	320	320	0.00	123.67	0.00	0.00
EQy USER COEFF	321	321	0.00	150.65	0.00	0.00
EQy USER COEFF	322	322	0.00	151.04	0.00	0.00
EQy USER COEFF	323	323	0.00	149.48	0.00	0.00
EQy USER COEFF	324	324	0.00	149.10	0.00	0.00
EQy USER COEFF	325	325	0.00	149.48	0.00	0.00
EQy USER COEFF	326	326	0.00	149.10	0.00	0.00
EQy USER COEFF	327	327	0.00	149.48	0.00	0.00
EQy USER COEFF	328	328	0.00	135.51	0.00	0.00
EQy USER COEFF	329	329	0.00	151.02	0.00	0.00
EQy USER COEFF	330	330	0.00	150.64	0.00	0.00
EQy USER COEFF	331	331	0.00	151.02	0.00	0.00
EQy USER COEFF	332	332	0.00	150.64	0.00	0.00

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EQy USER COEFF	333	333	0.00	151.02	0.00	0.00
EQy USER COEFF	334	334	0.00	150.64	0.00	0.00
EQy USER COEFF	335	335	0.00	151.02	0.00	0.00
EQy USER COEFF	336	336	0.00	150.64	0.00	0.00
EQy USER COEFF	337	337	0.00	151.02	0.00	0.00
EQy USER COEFF	338	338	0.00	150.64	0.00	0.00
EQy USER COEFF	339	339	0.00	151.02	0.00	0.00
EQy USER COEFF	340	340	0.00	150.64	0.00	0.00
EQy USER COEFF	341	341	0.00	151.02	0.00	0.00
EQy USER COEFF	342	342	0.00	150.64	0.00	0.00
EQy USER COEFF	343	343	0.00	151.02	0.00	0.00
EQy USER COEFF	344	344	0.00	150.64	0.00	0.00
EQy USER COEFF	345	345	0.00	151.02	0.00	0.00
EQy USER COEFF	346	346	0.00	150.64	0.00	0.00
EQy USER COEFF	347	347	0.00	151.02	0.00	0.00
EQy USER COEFF	348	348	0.00	150.64	0.00	0.00
EQy USER COEFF	349	349	0.00	151.02	0.00	0.00
EQy USER COEFF	350	350	0.00	150.64	0.00	0.00
EQy USER COEFF	351	351	0.00	151.02	0.00	0.00
EQy USER COEFF	352	352	0.00	150.64	0.00	0.00
EQy USER COEFF	353	353	0.00	151.02	0.00	0.00
EQy USER COEFF	354	354	0.00	150.64	0.00	0.00
EQy USER COEFF	355	355	0.00	151.02	0.00	0.00
EQy USER COEFF	356	356	0.00	150.64	0.00	0.00
EQy USER COEFF	357	357	0.00	151.02	0.00	0.00
EQy USER COEFF	358	358	0.00	150.64	0.00	0.00
EQy USER COEFF	359	359	0.00	151.02	0.00	0.00
EQy USER COEFF	360	360	0.00	150.64	0.00	0.00
EQy USER COEFF	361	361	0.00	151.02	0.00	0.00
EQy USER COEFF	362	362	0.00	150.64	0.00	0.00
EQy USER COEFF	363	363	0.00	151.02	0.00	0.00
EQy USER COEFF	364	364	0.00	150.64	0.00	0.00
EQy USER COEFF	365	365	0.00	151.02	0.00	0.00
EQy USER COEFF	366	366	0.00	150.64	0.00	0.00
EQy USER COEFF	367	367	0.00	151.02	0.00	0.00
EQy USER COEFF	368	368	0.00	150.64	0.00	0.00
EQy USER COEFF	369	369	0.00	151.02	0.00	0.00
EQy USER COEFF	370	370	0.00	150.64	0.00	0.00
EQy USER COEFF	371	371	0.00	151.02	0.00	0.00
EQy USER COEFF	372	372	0.00	150.64	0.00	0.00
EQy USER COEFF	373	373	0.00	151.02	0.00	0.00
EQy USER COEFF	374	374	0.00	150.64	0.00	0.00
EQy USER COEFF	375	375	0.00	151.02	0.00	0.00
EQy USER COEFF	376	376	0.00	150.64	0.00	0.00
EQy USER COEFF	377	377	0.00	151.02	0.00	0.00
EQy USER COEFF	378	378	0.00	150.64	0.00	0.00
EQy USER COEFF	379	379	0.00	151.02	0.00	0.00
EQy USER COEFF	380	380	0.00	150.64	0.00	0.00
EQy USER COEFF	381	381	0.00	151.02	0.00	0.00
EQy USER COEFF	382	382	0.00	150.64	0.00	0.00
EQy USER COEFF	383	383	0.00	151.02	0.00	0.00
EQy USER COEFF	384	384	0.00	150.64	0.00	0.00
EQy USER COEFF	385	385	0.00	151.02	0.00	0.00
EQy USER COEFF	386	386	0.00	150.64	0.00	0.00
EQy USER COEFF	387	387	0.00	151.02	0.00	0.00
EQy USER COEFF	388	388	0.00	150.64	0.00	0.00
EQy USER COEFF	389	389	0.00	151.02	0.00	0.00
EQy USER COEFF	390	390	0.00	150.64	0.00	0.00
EQy USER COEFF	391	391	0.00	151.02	0.00	0.00
EQy USER COEFF	392	392	0.00	150.64	0.00	0.00
EQy USER COEFF	393	393	0.00	151.02	0.00	0.00
EQy USER COEFF	394	394	0.00	150.64	0.00	0.00
EQy USER COEFF	395	395	0.00	151.02	0.00	0.00
EQy USER COEFF	396	396	0.00	150.64	0.00	0.00
EQy USER COEFF	397	397	0.00	151.02	0.00	0.00
EQy USER COEFF	398	398	0.00	150.64	0.00	0.00
EQy USER COEFF	399	399	0.00	152.58	0.00	0.00
EQy USER COEFF	400	400	0.00	152.20	0.00	0.00
EQy USER COEFF	401	401	0.00	175.79	0.00	0.00
EQy USER COEFF	402	402	0.00	173.34	0.00	0.00
EQy USER COEFF	403	403	0.00	173.34	0.00	0.00
EQy USER COEFF	404	404	0.00	175.79	0.00	0.00
EQy USER COEFF	405	405	0.00	173.34	0.00	0.00
EQy USER COEFF	406	406	0.00	175.79	0.00	0.00
EQy USER COEFF	407	407	0.00	173.34	0.00	0.00
EQy USER COEFF	408	408	0.00	156.16	0.00	0.00
EQy USER COEFF	409	409	0.00	171.48	0.00	0.00
EQy USER COEFF	410	410	0.00	173.93	0.00	0.00
EQy USER COEFF	411	411	0.00	171.48	0.00	0.00
EQy USER COEFF	412	412	0.00	173.93	0.00	0.00

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EQy USER COEFF	413	413	0.00	171.48	0.00	0.00
EQy USER COEFF	414	414	0.00	173.93	0.00	0.00
EQy USER COEFF	415	415	0.00	171.48	0.00	0.00
EQy USER COEFF	416	416	0.00	173.93	0.00	0.00
EQy USER COEFF	417	417	0.00	171.48	0.00	0.00
EQy USER COEFF	418	418	0.00	173.93	0.00	0.00
EQy USER COEFF	419	419	0.00	171.48	0.00	0.00
EQy USER COEFF	420	420	0.00	173.93	0.00	0.00
EQy USER COEFF	421	421	0.00	171.48	0.00	0.00
EQy USER COEFF	422	422	0.00	173.93	0.00	0.00
EQy USER COEFF	423	423	0.00	171.48	0.00	0.00
EQy USER COEFF	424	424	0.00	173.93	0.00	0.00
EQy USER COEFF	425	425	0.00	171.48	0.00	0.00
EQy USER COEFF	426	426	0.00	173.93	0.00	0.00
EQy USER COEFF	427	427	0.00	171.48	0.00	0.00
EQy USER COEFF	428	428	0.00	173.93	0.00	0.00
EQy USER COEFF	429	429	0.00	171.48	0.00	0.00
EQy USER COEFF	430	430	0.00	173.93	0.00	0.00
EQy USER COEFF	431	431	0.00	171.48	0.00	0.00
EQy USER COEFF	432	432	0.00	173.93	0.00	0.00
EQy USER COEFF	433	433	0.00	171.48	0.00	0.00
EQy USER COEFF	434	434	0.00	173.93	0.00	0.00
EQy USER COEFF	435	435	0.00	171.48	0.00	0.00
EQy USER COEFF	436	436	0.00	173.93	0.00	0.00
EQy USER COEFF	437	437	0.00	171.48	0.00	0.00
EQy USER COEFF	438	438	0.00	173.93	0.00	0.00
EQy USER COEFF	439	439	0.00	171.48	0.00	0.00
EQy USER COEFF	440	440	0.00	173.93	0.00	0.00
EQy USER COEFF	441	441	0.00	171.48	0.00	0.00
EQy USER COEFF	442	442	0.00	173.93	0.00	0.00
EQy USER COEFF	443	443	0.00	171.48	0.00	0.00
EQy USER COEFF	444	444	0.00	173.93	0.00	0.00
EQy USER COEFF	445	445	0.00	171.48	0.00	0.00
EQy USER COEFF	446	446	0.00	173.93	0.00	0.00
EQy USER COEFF	447	447	0.00	171.48	0.00	0.00
EQy USER COEFF	448	448	0.00	173.93	0.00	0.00
EQy USER COEFF	449	449	0.00	171.48	0.00	0.00
EQy USER COEFF	450	450	0.00	173.93	0.00	0.00
EQy USER COEFF	451	451	0.00	171.48	0.00	0.00
EQy USER COEFF	452	452	0.00	173.93	0.00	0.00
EQy USER COEFF	453	453	0.00	171.48	0.00	0.00
EQy USER COEFF	454	454	0.00	173.93	0.00	0.00
EQy USER COEFF	455	455	0.00	171.48	0.00	0.00
EQy USER COEFF	456	456	0.00	173.93	0.00	0.00
EQy USER COEFF	457	457	0.00	171.48	0.00	0.00
EQy USER COEFF	458	458	0.00	173.93	0.00	0.00
EQy USER COEFF	459	459	0.00	171.48	0.00	0.00
EQy USER COEFF	460	460	0.00	173.93	0.00	0.00
EQy USER COEFF	461	461	0.00	171.48	0.00	0.00
EQy USER COEFF	462	462	0.00	173.93	0.00	0.00
EQy USER COEFF	463	463	0.00	171.48	0.00	0.00
EQy USER COEFF	464	464	0.00	173.93	0.00	0.00
EQy USER COEFF	465	465	0.00	171.48	0.00	0.00
EQy USER COEFF	466	466	0.00	173.93	0.00	0.00
EQy USER COEFF	467	467	0.00	171.48	0.00	0.00
EQy USER COEFF	468	468	0.00	173.93	0.00	0.00
EQy USER COEFF	469	469	0.00	171.48	0.00	0.00
EQy USER COEFF	470	470	0.00	173.93	0.00	0.00
EQy USER COEFF	471	471	0.00	171.48	0.00	0.00
EQy USER COEFF	472	472	0.00	173.93	0.00	0.00
EQy USER COEFF	473	473	0.00	171.48	0.00	0.00
EQy USER COEFF	474	474	0.00	173.93	0.00	0.00
EQy USER COEFF	475	475	0.00	171.48	0.00	0.00
EQy USER COEFF	476	476	0.00	173.93	0.00	0.00
EQy USER COEFF	477	477	0.00	171.48	0.00	0.00
EQy USER COEFF	478	478	0.00	173.93	0.00	0.00
EQy USER COEFF	479	479	0.00	171.48	0.00	0.00
EQy USER COEFF	480	480	0.00	173.93	0.00	0.00
EQy USER COEFF	481	481	0.00	164.68	0.00	0.00
EQy USER COEFF	482	482	0.00	343.20	0.00	0.00
EQy USER COEFF	483	483	0.00	318.04	0.00	0.00
EQy USER COEFF	484	484	0.00	164.68	0.00	0.00
EQy USER COEFF	485	485	0.00	343.20	0.00	0.00
EQy USER COEFF	486	486	0.00	164.68	0.00	0.00
EQy USER COEFF	487	487	0.00	313.48	0.00	0.00
EQy USER COEFF	488	488	0.00	164.68	0.00	0.00
EQy USER COEFF	489	489	0.00	343.20	0.00	0.00
EQy USER COEFF	490	490	0.00	164.68	0.00	0.00
EQy USER COEFF	491	491	0.00	318.04	0.00	0.00
EQy USER COEFF	492	492	0.00	164.68	0.00	0.00

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EQy USER COEFF	493	493	0.00	343.20	0.00	0.00
EQy USER COEFF	494	494	0.00	164.68	0.00	0.00
EQy USER COEFF	495	495	0.00	318.04	0.00	0.00
EQy USER COEFF	496	496	0.00	164.68	0.00	0.00
EQy USER COEFF	497	497	0.00	343.20	0.00	0.00
EQy USER COEFF	498	498	0.00	164.68	0.00	0.00
EQy USER COEFF	499	499	0.00	318.04	0.00	0.00
EQy USER COEFF	500	500	0.00	164.68	0.00	0.00
EQy USER COEFF	501	501	0.00	343.20	0.00	0.00
EQy USER COEFF	502	502	0.00	164.68	0.00	0.00
EQy USER COEFF	503	503	0.00	318.04	0.00	0.00
EQy USER COEFF	504	504	0.00	164.68	0.00	0.00
EQy USER COEFF	505	505	0.00	343.20	0.00	0.00
EQy USER COEFF	506	506	0.00	164.68	0.00	0.00
EQy USER COEFF	507	507	0.00	318.04	0.00	0.00
EQy USER COEFF	508	508	0.00	164.68	0.00	0.00
EQy USER COEFF	509	509	0.00	343.20	0.00	0.00
EQy USER COEFF	510	510	0.00	164.68	0.00	0.00
EQy USER COEFF	511	511	0.00	318.04	0.00	0.00
EQy USER COEFF	512	512	0.00	164.68	0.00	0.00
EQy USER COEFF	513	513	0.00	343.20	0.00	0.00
EQy USER COEFF	514	514	0.00	164.68	0.00	0.00
EQy USER COEFF	515	515	0.00	318.04	0.00	0.00
EQy USER COEFF	516	516	0.00	164.68	0.00	0.00
EQy USER COEFF	517	517	0.00	343.20	0.00	0.00
EQy USER COEFF	518	518	0.00	164.68	0.00	0.00
EQy USER COEFF	519	519	0.00	318.04	0.00	0.00
EQy USER COEFF	520	520	0.00	164.68	0.00	0.00
EQy USER COEFF	521	521	0.00	343.20	0.00	0.00
EQy USER COEFF	522	522	0.00	164.68	0.00	0.00
EQy USER COEFF	523	523	0.00	318.04	0.00	0.00
EQy USER COEFF	524	524	0.00	164.68	0.00	0.00
EQy USER COEFF	525	525	0.00	343.20	0.00	0.00
EQy USER COEFF	526	526	0.00	164.68	0.00	0.00
EQy USER COEFF	527	527	0.00	318.04	0.00	0.00
EQy USER COEFF	528	528	0.00	164.68	0.00	0.00
EQy USER COEFF	529	529	0.00	338.65	0.00	0.00
EQy USER COEFF	530	530	0.00	164.68	0.00	0.00
EQy USER COEFF	531	531	0.00	318.04	0.00	0.00
EQy USER COEFF	532	532	0.00	164.68	0.00	0.00
EQy USER COEFF	533	533	0.00	343.20	0.00	0.00
EQy USER COEFF	534	534	0.00	164.68	0.00	0.00
EQy USER COEFF	535	535	0.00	318.04	0.00	0.00
EQy USER COEFF	536	536	0.00	164.68	0.00	0.00
EQy USER COEFF	537	537	0.00	343.20	0.00	0.00
EQy USER COEFF	538	538	0.00	164.68	0.00	0.00
EQy USER COEFF	539	539	0.00	318.04	0.00	0.00
EQy USER COEFF	540	540	0.00	164.68	0.00	0.00
EQy USER COEFF	541	541	0.00	343.20	0.00	0.00
EQy USER COEFF	542	542	0.00	164.68	0.00	0.00
EQy USER COEFF	543	543	0.00	318.04	0.00	0.00
EQy USER COEFF	544	544	0.00	164.68	0.00	0.00
EQy USER COEFF	545	545	0.00	343.20	0.00	0.00
EQy USER COEFF	546	546	0.00	164.68	0.00	0.00
EQy USER COEFF	547	547	0.00	318.04	0.00	0.00
EQy USER COEFF	548	548	0.00	164.68	0.00	0.00
EQy USER COEFF	549	549	0.00	343.20	0.00	0.00
EQy USER COEFF	550	550	0.00	164.68	0.00	0.00
EQy USER COEFF	551	551	0.00	318.04	0.00	0.00
EQy USER COEFF	552	552	0.00	164.68	0.00	0.00
EQy USER COEFF	553	553	0.00	343.20	0.00	0.00
EQy USER COEFF	554	554	0.00	164.68	0.00	0.00
EQy USER COEFF	555	555	0.00	318.04	0.00	0.00
EQy USER COEFF	556	556	0.00	164.68	0.00	0.00
EQy USER COEFF	557	557	0.00	343.20	0.00	0.00
EQy USER COEFF	558	558	0.00	164.68	0.00	0.00
EQy USER COEFF	559	559	0.00	318.04	0.00	0.00
EQy USER COEFF	560	560	0.00	164.68	0.00	0.00
EQy USER COEFF	561	561	0.00	13.76	0.00	0.00
EQy USER COEFF	562	562	0.00	328.95	0.00	0.00
EQy USER COEFF	563	563	0.00	330.85	0.00	0.00
EQy USER COEFF	564	564	0.00	13.76	0.00	0.00
EQy USER COEFF	565	565	0.00	328.95	0.00	0.00
EQy USER COEFF	566	566	0.00	13.76	0.00	0.00
EQy USER COEFF	567	567	0.00	335.97	0.00	0.00
EQy USER COEFF	568	568	0.00	13.76	0.00	0.00
EQy USER COEFF	569	569	0.00	328.95	0.00	0.00
EQy USER COEFF	570	570	0.00	13.76	0.00	0.00
EQy USER COEFF	571	571	0.00	330.85	0.00	0.00
EQy USER COEFF	572	572	0.00	13.76	0.00	0.00

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EQy USER COEFF	573	573	0.00	328.95	0.00	0.00
EQy USER COEFF	574	574	0.00	13.76	0.00	0.00
EQy USER COEFF	575	575	0.00	330.85	0.00	0.00
EQy USER COEFF	576	576	0.00	13.76	0.00	0.00
EQy USER COEFF	577	577	0.00	328.95	0.00	0.00
EQy USER COEFF	578	578	0.00	13.76	0.00	0.00
EQy USER COEFF	579	579	0.00	336.27	0.00	0.00
EQy USER COEFF	580	580	0.00	13.76	0.00	0.00
EQy USER COEFF	581	581	0.00	334.38	0.00	0.00
EQy USER COEFF	582	582	0.00	13.76	0.00	0.00
EQy USER COEFF	583	583	0.00	336.27	0.00	0.00
EQy USER COEFF	584	584	0.00	13.76	0.00	0.00
EQy USER COEFF	585	585	0.00	334.38	0.00	0.00
EQy USER COEFF	586	586	0.00	13.76	0.00	0.00
EQy USER COEFF	587	587	0.00	336.27	0.00	0.00
EQy USER COEFF	588	588	0.00	13.76	0.00	0.00
EQy USER COEFF	589	589	0.00	334.38	0.00	0.00
EQy USER COEFF	590	590	0.00	13.76	0.00	0.00
EQy USER COEFF	591	591	0.00	336.27	0.00	0.00
EQy USER COEFF	592	592	0.00	13.76	0.00	0.00
EQy USER COEFF	593	593	0.00	334.38	0.00	0.00
EQy USER COEFF	594	594	0.00	13.76	0.00	0.00
EQy USER COEFF	595	595	0.00	336.27	0.00	0.00
EQy USER COEFF	596	596	0.00	13.76	0.00	0.00
EQy USER COEFF	597	597	0.00	334.38	0.00	0.00
EQy USER COEFF	598	598	0.00	13.76	0.00	0.00
EQy USER COEFF	599	599	0.00	336.27	0.00	0.00
EQy USER COEFF	600	600	0.00	13.76	0.00	0.00
EQy USER COEFF	601	601	0.00	334.38	0.00	0.00
EQy USER COEFF	602	602	0.00	13.76	0.00	0.00
EQy USER COEFF	603	603	0.00	336.27	0.00	0.00
EQy USER COEFF	604	604	0.00	13.76	0.00	0.00
EQy USER COEFF	605	605	0.00	334.38	0.00	0.00
EQy USER COEFF	606	606	0.00	13.76	0.00	0.00
EQy USER COEFF	607	607	0.00	336.27	0.00	0.00
EQy USER COEFF	608	608	0.00	13.76	0.00	0.00
EQy USER COEFF	609	609	0.00	339.50	0.00	0.00
EQy USER COEFF	610	610	0.00	13.76	0.00	0.00
EQy USER COEFF	611	611	0.00	336.27	0.00	0.00
EQy USER COEFF	612	612	0.00	13.76	0.00	0.00
EQy USER COEFF	613	613	0.00	334.38	0.00	0.00
EQy USER COEFF	614	614	0.00	13.76	0.00	0.00
EQy USER COEFF	615	615	0.00	336.27	0.00	0.00
EQy USER COEFF	616	616	0.00	13.76	0.00	0.00
EQy USER COEFF	617	617	0.00	334.38	0.00	0.00
EQy USER COEFF	618	618	0.00	13.76	0.00	0.00
EQy USER COEFF	619	619	0.00	336.27	0.00	0.00
EQy USER COEFF	620	620	0.00	13.76	0.00	0.00
EQy USER COEFF	621	621	0.00	334.38	0.00	0.00
EQy USER COEFF	622	622	0.00	13.76	0.00	0.00
EQy USER COEFF	623	623	0.00	336.27	0.00	0.00
EQy USER COEFF	624	624	0.00	13.76	0.00	0.00
EQy USER COEFF	625	625	0.00	334.38	0.00	0.00
EQy USER COEFF	626	626	0.00	13.76	0.00	0.00
EQy USER COEFF	627	627	0.00	336.27	0.00	0.00
EQy USER COEFF	628	628	0.00	13.76	0.00	0.00
EQy USER COEFF	629	629	0.00	334.38	0.00	0.00
EQy USER COEFF	630	630	0.00	13.76	0.00	0.00
EQy USER COEFF	631	631	0.00	336.27	0.00	0.00
EQy USER COEFF	632	632	0.00	13.76	0.00	0.00
EQy USER COEFF	633	633	0.00	334.38	0.00	0.00
EQy USER COEFF	634	634	0.00	13.76	0.00	0.00
EQy USER COEFF	635	635	0.00	336.27	0.00	0.00
EQy USER COEFF	636	636	0.00	13.76	0.00	0.00
EQy USER COEFF	637	637	0.00	334.38	0.00	0.00
EQy USER COEFF	638	638	0.00	13.76	0.00	0.00
EQy USER COEFF	639	639	0.00	336.27	0.00	0.00
EQy USER COEFF	640	640	0.00	13.76	0.00	0.00
EQy USER COEFF	641	641	0.00	13.50	0.00	0.00
EQy USER COEFF	642	642	0.00	334.80	0.00	0.00
EQy USER COEFF	643	643	0.00	341.80	0.00	0.00
EQy USER COEFF	644	644	0.00	13.50	0.00	0.00
EQy USER COEFF	645	645	0.00	334.80	0.00	0.00
EQy USER COEFF	646	646	0.00	13.50	0.00	0.00
EQy USER COEFF	647	647	0.00	341.80	0.00	0.00
EQy USER COEFF	648	648	0.00	13.50	0.00	0.00
EQy USER COEFF	649	649	0.00	334.80	0.00	0.00
EQy USER COEFF	650	650	0.00	13.50	0.00	0.00
EQy USER COEFF	651	651	0.00	341.80	0.00	0.00
EQy USER COEFF	652	652	0.00	13.50	0.00	0.00

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EQy USER COEFF	653	653	0.00	334.80	0.00	0.00
EQy USER COEFF	654	654	0.00	13.50	0.00	0.00
EQy USER COEFF	655	655	0.00	341.80	0.00	0.00
EQy USER COEFF	656	656	0.00	13.50	0.00	0.00
EQy USER COEFF	657	657	0.00	334.80	0.00	0.00
EQy USER COEFF	658	658	0.00	13.50	0.00	0.00
EQy USER COEFF	659	659	0.00	335.84	0.00	0.00
EQy USER COEFF	660	660	0.00	13.50	0.00	0.00
EQy USER COEFF	661	661	0.00	328.83	0.00	0.00
EQy USER COEFF	662	662	0.00	13.50	0.00	0.00
EQy USER COEFF	663	663	0.00	335.84	0.00	0.00
EQy USER COEFF	664	664	0.00	13.50	0.00	0.00
EQy USER COEFF	665	665	0.00	328.83	0.00	0.00
EQy USER COEFF	666	666	0.00	13.50	0.00	0.00
EQy USER COEFF	667	667	0.00	335.84	0.00	0.00
EQy USER COEFF	668	668	0.00	13.50	0.00	0.00
EQy USER COEFF	669	669	0.00	328.83	0.00	0.00
EQy USER COEFF	670	670	0.00	13.50	0.00	0.00
EQy USER COEFF	671	671	0.00	335.84	0.00	0.00
EQy USER COEFF	672	672	0.00	13.50	0.00	0.00
EQy USER COEFF	673	673	0.00	328.83	0.00	0.00
EQy USER COEFF	674	674	0.00	13.50	0.00	0.00
EQy USER COEFF	675	675	0.00	335.84	0.00	0.00
EQy USER COEFF	676	676	0.00	13.50	0.00	0.00
EQy USER COEFF	677	677	0.00	328.83	0.00	0.00
EQy USER COEFF	678	678	0.00	13.50	0.00	0.00
EQy USER COEFF	679	679	0.00	335.84	0.00	0.00
EQy USER COEFF	680	680	0.00	13.50	0.00	0.00
EQy USER COEFF	681	681	0.00	328.83	0.00	0.00
EQy USER COEFF	682	682	0.00	13.50	0.00	0.00
EQy USER COEFF	683	683	0.00	335.84	0.00	0.00
EQy USER COEFF	684	684	0.00	13.50	0.00	0.00
EQy USER COEFF	685	685	0.00	328.83	0.00	0.00
EQy USER COEFF	686	686	0.00	13.50	0.00	0.00
EQy USER COEFF	687	687	0.00	335.84	0.00	0.00
EQy USER COEFF	688	688	0.00	13.50	0.00	0.00
EQy USER COEFF	689	689	0.00	328.83	0.00	0.00
EQy USER COEFF	690	690	0.00	13.50	0.00	0.00
EQy USER COEFF	691	691	0.00	335.84	0.00	0.00
EQy USER COEFF	692	692	0.00	13.50	0.00	0.00
EQy USER COEFF	693	693	0.00	328.83	0.00	0.00
EQy USER COEFF	694	694	0.00	13.50	0.00	0.00
EQy USER COEFF	695	695	0.00	335.84	0.00	0.00
EQy USER COEFF	696	696	0.00	13.50	0.00	0.00
EQy USER COEFF	697	697	0.00	328.83	0.00	0.00
EQy USER COEFF	698	698	0.00	13.50	0.00	0.00
EQy USER COEFF	699	699	0.00	335.84	0.00	0.00
EQy USER COEFF	700	700	0.00	13.50	0.00	0.00
EQy USER COEFF	701	701	0.00	328.83	0.00	0.00
EQy USER COEFF	702	702	0.00	13.50	0.00	0.00
EQy USER COEFF	703	703	0.00	335.84	0.00	0.00
EQy USER COEFF	704	704	0.00	13.50	0.00	0.00
EQy USER COEFF	705	705	0.00	328.83	0.00	0.00
EQy USER COEFF	706	706	0.00	13.50	0.00	0.00
EQy USER COEFF	707	707	0.00	335.84	0.00	0.00
EQy USER COEFF	708	708	0.00	13.50	0.00	0.00
EQy USER COEFF	709	709	0.00	328.83	0.00	0.00
EQy USER COEFF	710	710	0.00	13.50	0.00	0.00
EQy USER COEFF	711	711	0.00	335.84	0.00	0.00
EQy USER COEFF	712	712	0.00	13.50	0.00	0.00
EQy USER COEFF	713	713	0.00	328.83	0.00	0.00
EQy USER COEFF	714	714	0.00	13.50	0.00	0.00
EQy USER COEFF	715	715	0.00	335.84	0.00	0.00
EQy USER COEFF	716	716	0.00	13.50	0.00	0.00
EQy USER COEFF	717	717	0.00	328.83	0.00	0.00
EQy USER COEFF	718	718	0.00	12.20	0.00	0.00
EQy USER COEFF	719	719	0.00	337.13	0.00	0.00
EQy USER COEFF	720	720	0.00	13.50	0.00	0.00
EQy USER COEFF	721	721	0.00	12.79	0.00	0.00
EQy USER COEFF	722	722	0.00	318.89	0.00	0.00
EQy USER COEFF	723	723	0.00	320.61	0.00	0.00
EQy USER COEFF	724	724	0.00	12.79	0.00	0.00
EQy USER COEFF	725	725	0.00	318.89	0.00	0.00
EQy USER COEFF	726	726	0.00	12.79	0.00	0.00
EQy USER COEFF	727	727	0.00	320.61	0.00	0.00
EQy USER COEFF	728	728	0.00	12.79	0.00	0.00
EQy USER COEFF	729	729	0.00	318.89	0.00	0.00
EQy USER COEFF	730	730	0.00	12.79	0.00	0.00
EQy USER COEFF	731	731	0.00	320.61	0.00	0.00
EQy USER COEFF	732	732	0.00	12.79	0.00	0.00

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EQy USER COEFF	733	733	0.00	318.89	0.00	0.00
EQy USER COEFF	734	734	0.00	12.79	0.00	0.00
EQy USER COEFF	735	735	0.00	320.61	0.00	0.00
EQy USER COEFF	736	736	0.00	12.79	0.00	0.00
EQy USER COEFF	737	737	0.00	318.89	0.00	0.00
EQy USER COEFF	738	738	0.00	12.79	0.00	0.00
EQy USER COEFF	739	739	0.00	320.61	0.00	0.00
EQy USER COEFF	740	740	0.00	12.79	0.00	0.00
EQy USER COEFF	741	741	0.00	318.89	0.00	0.00
EQy USER COEFF	742	742	0.00	12.79	0.00	0.00
EQy USER COEFF	743	743	0.00	320.61	0.00	0.00
EQy USER COEFF	744	744	0.00	12.79	0.00	0.00
EQy USER COEFF	745	745	0.00	318.89	0.00	0.00
EQy USER COEFF	746	746	0.00	12.79	0.00	0.00
EQy USER COEFF	747	747	0.00	320.61	0.00	0.00
EQy USER COEFF	748	748	0.00	12.79	0.00	0.00
EQy USER COEFF	749	749	0.00	318.89	0.00	0.00
EQy USER COEFF	750	750	0.00	12.79	0.00	0.00
EQy USER COEFF	751	751	0.00	320.61	0.00	0.00
EQy USER COEFF	752	752	0.00	12.79	0.00	0.00
EQy USER COEFF	753	753	0.00	318.89	0.00	0.00
EQy USER COEFF	754	754	0.00	12.79	0.00	0.00
EQy USER COEFF	755	755	0.00	320.61	0.00	0.00
EQy USER COEFF	756	756	0.00	12.79	0.00	0.00
EQy USER COEFF	757	757	0.00	318.89	0.00	0.00
EQy USER COEFF	758	758	0.00	12.79	0.00	0.00
EQy USER COEFF	759	759	0.00	320.61	0.00	0.00
EQy USER COEFF	760	760	0.00	12.79	0.00	0.00
EQy USER COEFF	761	761	0.00	318.89	0.00	0.00
EQy USER COEFF	762	762	0.00	12.79	0.00	0.00
EQy USER COEFF	763	763	0.00	320.61	0.00	0.00
EQy USER COEFF	764	764	0.00	12.79	0.00	0.00
EQy USER COEFF	765	765	0.00	318.89	0.00	0.00
EQy USER COEFF	766	766	0.00	12.79	0.00	0.00
EQy USER COEFF	767	767	0.00	320.61	0.00	0.00
EQy USER COEFF	768	768	0.00	12.79	0.00	0.00
EQy USER COEFF	769	769	0.00	318.89	0.00	0.00
EQy USER COEFF	770	770	0.00	12.79	0.00	0.00
EQy USER COEFF	771	771	0.00	320.61	0.00	0.00
EQy USER COEFF	772	772	0.00	12.79	0.00	0.00
EQy USER COEFF	773	773	0.00	318.89	0.00	0.00
EQy USER COEFF	774	774	0.00	12.79	0.00	0.00
EQy USER COEFF	775	775	0.00	320.61	0.00	0.00
EQy USER COEFF	776	776	0.00	12.79	0.00	0.00
EQy USER COEFF	777	777	0.00	318.89	0.00	0.00
EQy USER COEFF	778	778	0.00	12.79	0.00	0.00
EQy USER COEFF	779	779	0.00	320.61	0.00	0.00
EQy USER COEFF	780	780	0.00	12.79	0.00	0.00
EQy USER COEFF	781	781	0.00	318.89	0.00	0.00
EQy USER COEFF	782	782	0.00	12.79	0.00	0.00
EQy USER COEFF	783	783	0.00	320.61	0.00	0.00
EQy USER COEFF	784	784	0.00	12.79	0.00	0.00
EQy USER COEFF	785	785	0.00	318.89	0.00	0.00
EQy USER COEFF	786	786	0.00	12.79	0.00	0.00
EQy USER COEFF	787	787	0.00	320.61	0.00	0.00
EQy USER COEFF	788	788	0.00	12.79	0.00	0.00
EQy USER COEFF	789	789	0.00	318.89	0.00	0.00
EQy USER COEFF	790	790	0.00	12.79	0.00	0.00
EQy USER COEFF	791	791	0.00	320.61	0.00	0.00
EQy USER COEFF	792	792	0.00	12.79	0.00	0.00
EQy USER COEFF	793	793	0.00	318.89	0.00	0.00
EQy USER COEFF	794	794	0.00	12.79	0.00	0.00
EQy USER COEFF	795	795	0.00	320.61	0.00	0.00
EQy USER COEFF	796	796	0.00	12.79	0.00	0.00
EQy USER COEFF	797	797	0.00	318.89	0.00	0.00
EQy USER COEFF	798	798	0.00	12.79	0.00	0.00
EQy USER COEFF	799	799	0.00	320.61	0.00	0.00
EQy USER COEFF	800	800	0.00	12.79	0.00	0.00
EQy USER COEFF	801	801	0.00	11.68	0.00	0.00
EQy USER COEFF	802	802	0.00	300.37	0.00	0.00
EQy USER COEFF	803	803	0.00	302.09	0.00	0.00
EQy USER COEFF	804	804	0.00	11.68	0.00	0.00
EQy USER COEFF	805	805	0.00	300.37	0.00	0.00
EQy USER COEFF	806	806	0.00	11.68	0.00	0.00
EQy USER COEFF	807	807	0.00	302.09	0.00	0.00
EQy USER COEFF	808	808	0.00	11.68	0.00	0.00
EQy USER COEFF	809	809	0.00	300.37	0.00	0.00
EQy USER COEFF	810	810	0.00	11.68	0.00	0.00
EQy USER COEFF	811	811	0.00	302.09	0.00	0.00
EQy USER COEFF	812	812	0.00	11.68	0.00	0.00

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EQy USER COEFF	813	813	0.00	300.37	0.00	0.00
EQy USER COEFF	814	814	0.00	11.68	0.00	0.00
EQy USER COEFF	815	815	0.00	302.09	0.00	0.00
EQy USER COEFF	816	816	0.00	11.68	0.00	0.00
EQy USER COEFF	817	817	0.00	300.37	0.00	0.00
EQy USER COEFF	818	818	0.00	11.68	0.00	0.00
EQy USER COEFF	819	819	0.00	302.09	0.00	0.00
EQy USER COEFF	820	820	0.00	11.68	0.00	0.00
EQy USER COEFF	821	821	0.00	300.37	0.00	0.00
EQy USER COEFF	822	822	0.00	11.68	0.00	0.00
EQy USER COEFF	823	823	0.00	302.09	0.00	0.00
EQy USER COEFF	824	824	0.00	11.68	0.00	0.00
EQy USER COEFF	825	825	0.00	300.37	0.00	0.00
EQy USER COEFF	826	826	0.00	11.68	0.00	0.00
EQy USER COEFF	827	827	0.00	302.09	0.00	0.00
EQy USER COEFF	828	828	0.00	11.68	0.00	0.00
EQy USER COEFF	829	829	0.00	300.37	0.00	0.00
EQy USER COEFF	830	830	0.00	11.68	0.00	0.00
EQy USER COEFF	831	831	0.00	302.09	0.00	0.00
EQy USER COEFF	832	832	0.00	11.68	0.00	0.00
EQy USER COEFF	833	833	0.00	300.37	0.00	0.00
EQy USER COEFF	834	834	0.00	11.68	0.00	0.00
EQy USER COEFF	835	835	0.00	302.09	0.00	0.00
EQy USER COEFF	836	836	0.00	11.68	0.00	0.00
EQy USER COEFF	837	837	0.00	300.37	0.00	0.00
EQy USER COEFF	838	838	0.00	11.68	0.00	0.00
EQy USER COEFF	839	839	0.00	302.09	0.00	0.00
EQy USER COEFF	840	840	0.00	11.68	0.00	0.00
EQy USER COEFF	841	841	0.00	300.37	0.00	0.00
EQy USER COEFF	842	842	0.00	11.68	0.00	0.00
EQy USER COEFF	843	843	0.00	302.09	0.00	0.00
EQy USER COEFF	844	844	0.00	11.68	0.00	0.00
EQy USER COEFF	845	845	0.00	300.37	0.00	0.00
EQy USER COEFF	846	846	0.00	11.68	0.00	0.00
EQy USER COEFF	847	847	0.00	302.09	0.00	0.00
EQy USER COEFF	848	848	0.00	11.68	0.00	0.00
EQy USER COEFF	849	849	0.00	300.37	0.00	0.00
EQy USER COEFF	850	850	0.00	11.68	0.00	0.00
EQy USER COEFF	851	851	0.00	302.09	0.00	0.00
EQy USER COEFF	852	852	0.00	11.68	0.00	0.00
EQy USER COEFF	853	853	0.00	300.37	0.00	0.00
EQy USER COEFF	854	854	0.00	11.68	0.00	0.00
EQy USER COEFF	855	855	0.00	302.09	0.00	0.00
EQy USER COEFF	856	856	0.00	11.68	0.00	0.00
EQy USER COEFF	857	857	0.00	300.37	0.00	0.00
EQy USER COEFF	858	858	0.00	11.68	0.00	0.00
EQy USER COEFF	859	859	0.00	302.09	0.00	0.00
EQy USER COEFF	860	860	0.00	11.68	0.00	0.00
EQy USER COEFF	861	861	0.00	300.37	0.00	0.00
EQy USER COEFF	862	862	0.00	11.68	0.00	0.00
EQy USER COEFF	863	863	0.00	302.09	0.00	0.00
EQy USER COEFF	864	864	0.00	11.68	0.00	0.00
EQy USER COEFF	865	865	0.00	300.37	0.00	0.00
EQy USER COEFF	866	866	0.00	11.68	0.00	0.00
EQy USER COEFF	867	867	0.00	302.09	0.00	0.00
EQy USER COEFF	868	868	0.00	11.68	0.00	0.00
EQy USER COEFF	869	869	0.00	300.37	0.00	0.00
EQy USER COEFF	870	870	0.00	11.68	0.00	0.00
EQy USER COEFF	871	871	0.00	302.09	0.00	0.00
EQy USER COEFF	872	872	0.00	11.68	0.00	0.00
EQy USER COEFF	873	873	0.00	300.37	0.00	0.00
EQy USER COEFF	874	874	0.00	11.68	0.00	0.00
EQy USER COEFF	875	875	0.00	302.09	0.00	0.00
EQy USER COEFF	876	876	0.00	11.68	0.00	0.00
EQy USER COEFF	877	877	0.00	300.37	0.00	0.00
EQy USER COEFF	878	878	0.00	11.68	0.00	0.00
EQy USER COEFF	879	879	0.00	302.09	0.00	0.00
EQy USER COEFF	880	880	0.00	11.68	0.00	0.00
EQy USER COEFF	881	881	0.00	10.20	0.00	0.00
EQy USER COEFF	882	882	0.00	274.38	0.00	0.00
EQy USER COEFF	883	883	0.00	276.03	0.00	0.00
EQy USER COEFF	884	884	0.00	10.20	0.00	0.00
EQy USER COEFF	885	885	0.00	274.38	0.00	0.00
EQy USER COEFF	886	886	0.00	10.20	0.00	0.00
EQy USER COEFF	887	887	0.00	276.03	0.00	0.00
EQy USER COEFF	888	888	0.00	10.20	0.00	0.00
EQy USER COEFF	889	889	0.00	274.38	0.00	0.00
EQy USER COEFF	890	890	0.00	10.20	0.00	0.00
EQy USER COEFF	891	891	0.00	276.03	0.00	0.00
EQy USER COEFF	892	892	0.00	10.20	0.00	0.00

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EQy USER COEFF	893	893	0.00	274.38	0.00	0.00
EQy USER COEFF	894	894	0.00	10.20	0.00	0.00
EQy USER COEFF	895	895	0.00	276.03	0.00	0.00
EQy USER COEFF	896	896	0.00	10.20	0.00	0.00
EQy USER COEFF	897	897	0.00	274.38	0.00	0.00
EQy USER COEFF	898	898	0.00	10.20	0.00	0.00
EQy USER COEFF	899	899	0.00	276.03	0.00	0.00
EQy USER COEFF	900	900	0.00	10.20	0.00	0.00
EQy USER COEFF	901	901	0.00	274.38	0.00	0.00
EQy USER COEFF	902	902	0.00	10.20	0.00	0.00
EQy USER COEFF	903	903	0.00	276.03	0.00	0.00
EQy USER COEFF	904	904	0.00	10.20	0.00	0.00
EQy USER COEFF	905	905	0.00	274.38	0.00	0.00
EQy USER COEFF	906	906	0.00	10.20	0.00	0.00
EQy USER COEFF	907	907	0.00	276.03	0.00	0.00
EQy USER COEFF	908	908	0.00	10.20	0.00	0.00
EQy USER COEFF	909	909	0.00	274.38	0.00	0.00
EQy USER COEFF	910	910	0.00	10.20	0.00	0.00
EQy USER COEFF	911	911	0.00	249.59	0.00	0.00
EQy USER COEFF	912	912	0.00	10.20	0.00	0.00
EQy USER COEFF	913	913	0.00	274.38	0.00	0.00
EQy USER COEFF	914	914	0.00	10.20	0.00	0.00
EQy USER COEFF	915	915	0.00	276.03	0.00	0.00
EQy USER COEFF	916	916	0.00	10.20	0.00	0.00
EQy USER COEFF	917	917	0.00	274.38	0.00	0.00
EQy USER COEFF	918	918	0.00	10.20	0.00	0.00
EQy USER COEFF	919	919	0.00	276.03	0.00	0.00
EQy USER COEFF	920	920	0.00	10.20	0.00	0.00
EQy USER COEFF	921	921	0.00	274.38	0.00	0.00
EQy USER COEFF	922	922	0.00	10.20	0.00	0.00
EQy USER COEFF	923	923	0.00	276.03	0.00	0.00
EQy USER COEFF	924	924	0.00	10.20	0.00	0.00
EQy USER COEFF	925	925	0.00	274.38	0.00	0.00
EQy USER COEFF	926	926	0.00	10.20	0.00	0.00
EQy USER COEFF	927	927	0.00	276.03	0.00	0.00
EQy USER COEFF	928	928	0.00	10.20	0.00	0.00
EQy USER COEFF	929	929	0.00	274.38	0.00	0.00
EQy USER COEFF	930	930	0.00	10.20	0.00	0.00
EQy USER COEFF	931	931	0.00	276.03	0.00	0.00
EQy USER COEFF	932	932	0.00	10.20	0.00	0.00
EQy USER COEFF	933	933	0.00	274.38	0.00	0.00
EQy USER COEFF	934	934	0.00	10.20	0.00	0.00
EQy USER COEFF	935	935	0.00	276.03	0.00	0.00
EQy USER COEFF	936	936	0.00	10.20	0.00	0.00
EQy USER COEFF	937	937	0.00	274.38	0.00	0.00
EQy USER COEFF	938	938	0.00	10.20	0.00	0.00
EQy USER COEFF	939	939	0.00	276.03	0.00	0.00
EQy USER COEFF	940	940	0.00	10.20	0.00	0.00
EQy USER COEFF	941	941	0.00	274.38	0.00	0.00
EQy USER COEFF	942	942	0.00	10.20	0.00	0.00
EQy USER COEFF	943	943	0.00	276.03	0.00	0.00
EQy USER COEFF	944	944	0.00	10.20	0.00	0.00
EQy USER COEFF	945	945	0.00	274.38	0.00	0.00
EQy USER COEFF	946	946	0.00	10.20	0.00	0.00
EQy USER COEFF	947	947	0.00	276.03	0.00	0.00
EQy USER COEFF	948	948	0.00	10.20	0.00	0.00
EQy USER COEFF	949	949	0.00	274.38	0.00	0.00
EQy USER COEFF	950	950	0.00	10.20	0.00	0.00
EQy USER COEFF	951	951	0.00	276.03	0.00	0.00
EQy USER COEFF	952	952	0.00	10.20	0.00	0.00
EQy USER COEFF	953	953	0.00	274.38	0.00	0.00
EQy USER COEFF	954	954	0.00	10.20	0.00	0.00
EQy USER COEFF	955	955	0.00	276.03	0.00	0.00
EQy USER COEFF	956	956	0.00	10.20	0.00	0.00
EQy USER COEFF	957	957	0.00	274.38	0.00	0.00
EQy USER COEFF	958	958	0.00	10.20	0.00	0.00
EQy USER COEFF	959	959	0.00	276.03	0.00	0.00
EQy USER COEFF	960	960	0.00	10.20	0.00	0.00
EQy USER COEFF	961	961	0.00	50.60	0.00	0.00
EQy USER COEFF	962	962	0.00	164.59	0.00	0.00
EQy USER COEFF	963	963	0.00	391.00	0.00	0.00
EQy USER COEFF	964	964	0.00	50.60	0.00	0.00
EQy USER COEFF	965	965	0.00	164.59	0.00	0.00
EQy USER COEFF	966	966	0.00	50.60	0.00	0.00
EQy USER COEFF	967	967	0.00	364.23	0.00	0.00
EQy USER COEFF	968	968	0.00	50.60	0.00	0.00
EQy USER COEFF	969	969	0.00	164.59	0.00	0.00
EQy USER COEFF	970	970	0.00	50.60	0.00	0.00
EQy USER COEFF	971	971	0.00	391.00	0.00	0.00
EQy USER COEFF	972	972	0.00	50.60	0.00	0.00

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EQy USER COEFF	973	973	0.00	164.59	0.00	0.00
EQy USER COEFF	974	974	0.00	50.60	0.00	0.00
EQy USER COEFF	975	975	0.00	364.23	0.00	0.00
EQy USER COEFF	976	976	0.00	50.60	0.00	0.00
EQy USER COEFF	977	977	0.00	164.59	0.00	0.00
EQy USER COEFF	978	978	0.00	50.60	0.00	0.00
EQy USER COEFF	979	979	0.00	391.00	0.00	0.00
EQy USER COEFF	980	980	0.00	50.60	0.00	0.00
EQy USER COEFF	981	981	0.00	164.59	0.00	0.00
EQy USER COEFF	982	982	0.00	50.60	0.00	0.00
EQy USER COEFF	983	983	0.00	364.23	0.00	0.00
EQy USER COEFF	984	984	0.00	50.60	0.00	0.00
EQy USER COEFF	985	985	0.00	164.59	0.00	0.00
EQy USER COEFF	986	986	0.00	50.60	0.00	0.00
EQy USER COEFF	987	987	0.00	390.99	0.00	0.00
EQy USER COEFF	988	988	0.00	50.60	0.00	0.00
EQy USER COEFF	989	989	0.00	164.59	0.00	0.00
EQy USER COEFF	990	990	0.00	50.60	0.00	0.00
EQy USER COEFF	991	991	0.00	338.96	0.00	0.00
EQy USER COEFF	992	992	0.00	50.60	0.00	0.00
EQy USER COEFF	993	993	0.00	164.59	0.00	0.00
EQy USER COEFF	994	994	0.00	50.60	0.00	0.00
EQy USER COEFF	995	995	0.00	390.99	0.00	0.00
EQy USER COEFF	996	996	0.00	50.60	0.00	0.00
EQy USER COEFF	997	997	0.00	164.59	0.00	0.00
EQy USER COEFF	998	998	0.00	50.60	0.00	0.00
EQy USER COEFF	999	999	0.00	364.23	0.00	0.00
EQy USER COEFF	1000	1000	0.00	50.60	0.00	0.00
EQy USER COEFF	1001	1001	0.00	164.59	0.00	0.00
EQy USER COEFF	1002	1002	0.00	50.60	0.00	0.00
EQy USER COEFF	1003	1003	0.00	390.99	0.00	0.00
EQy USER COEFF	1004	1004	0.00	50.60	0.00	0.00
EQy USER COEFF	1005	1005	0.00	164.59	0.00	0.00
EQy USER COEFF	1006	1006	0.00	50.60	0.00	0.00
EQy USER COEFF	1007	1007	0.00	364.23	0.00	0.00
EQy USER COEFF	1008	1008	0.00	50.60	0.00	0.00
EQy USER COEFF	1009	1009	0.00	164.59	0.00	0.00
EQy USER COEFF	1010	1010	0.00	50.60	0.00	0.00
EQy USER COEFF	1011	1011	0.00	391.00	0.00	0.00
EQy USER COEFF	1012	1012	0.00	50.60	0.00	0.00
EQy USER COEFF	1013	1013	0.00	164.59	0.00	0.00
EQy USER COEFF	1014	1014	0.00	50.60	0.00	0.00
EQy USER COEFF	1015	1015	0.00	364.23	0.00	0.00
EQy USER COEFF	1016	1016	0.00	50.60	0.00	0.00
EQy USER COEFF	1017	1017	0.00	164.59	0.00	0.00
EQy USER COEFF	1018	1018	0.00	50.60	0.00	0.00
EQy USER COEFF	1019	1019	0.00	390.99	0.00	0.00
EQy USER COEFF	1020	1020	0.00	50.60	0.00	0.00
EQy USER COEFF	1021	1021	0.00	164.59	0.00	0.00
EQy USER COEFF	1022	1022	0.00	50.60	0.00	0.00
EQy USER COEFF	1023	1023	0.00	364.23	0.00	0.00
EQy USER COEFF	1024	1024	0.00	50.60	0.00	0.00
EQy USER COEFF	1025	1025	0.00	164.59	0.00	0.00
EQy USER COEFF	1026	1026	0.00	50.60	0.00	0.00
EQy USER COEFF	1027	1027	0.00	390.99	0.00	0.00
EQy USER COEFF	1028	1028	0.00	50.60	0.00	0.00
EQy USER COEFF	1029	1029	0.00	164.59	0.00	0.00
EQy USER COEFF	1030	1030	0.00	50.60	0.00	0.00
EQy USER COEFF	1031	1031	0.00	364.23	0.00	0.00
EQy USER COEFF	1032	1032	0.00	50.60	0.00	0.00
EQy USER COEFF	1033	1033	0.00	164.59	0.00	0.00
EQy USER COEFF	1034	1034	0.00	50.60	0.00	0.00
EQy USER COEFF	1035	1035	0.00	391.00	0.00	0.00
EQy USER COEFF	1036	1036	0.00	50.60	0.00	0.00
EQy USER COEFF	1037	1037	0.00	164.59	0.00	0.00
EQy USER COEFF	1038	1038	0.00	50.60	0.00	0.00
EQy USER COEFF	1039	1039	0.00	364.23	0.00	0.00
EQy USER COEFF	1040	1040	0.00	50.60	0.00	0.00
EQy USER COEFF	1041	1041	0.00	4.84	0.00	0.00
EQy USER COEFF	1042	1042	0.00	4.40	0.00	0.00
EQy USER COEFF	1043	1043	0.00	335.03	0.00	0.00
EQy USER COEFF	1044	1044	0.00	4.84	0.00	0.00
EQy USER COEFF	1045	1045	0.00	4.40	0.00	0.00
EQy USER COEFF	1046	1046	0.00	4.84	0.00	0.00
EQy USER COEFF	1047	1047	0.00	339.02	0.00	0.00
EQy USER COEFF	1048	1048	0.00	4.84	0.00	0.00
EQy USER COEFF	1049	1049	0.00	4.40	0.00	0.00
EQy USER COEFF	1050	1050	0.00	4.84	0.00	0.00
EQy USER COEFF	1051	1051	0.00	335.03	0.00	0.00
EQy USER COEFF	1052	1052	0.00	4.84	0.00	0.00

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EQy USER COEFF	1053	1053	0.00	4.40	0.00	0.00
EQy USER COEFF	1054	1054	0.00	4.84	0.00	0.00
EQy USER COEFF	1055	1055	0.00	339.02	0.00	0.00
EQy USER COEFF	1056	1056	0.00	4.84	0.00	0.00
EQy USER COEFF	1057	1057	0.00	4.40	0.00	0.00
EQy USER COEFF	1058	1058	0.00	4.84	0.00	0.00
EQy USER COEFF	1059	1059	0.00	335.03	0.00	0.00
EQy USER COEFF	1060	1060	0.00	4.84	0.00	0.00
EQy USER COEFF	1061	1061	0.00	4.40	0.00	0.00
EQy USER COEFF	1062	1062	0.00	4.84	0.00	0.00
EQy USER COEFF	1063	1063	0.00	339.02	0.00	0.00
EQy USER COEFF	1064	1064	0.00	4.84	0.00	0.00
EQy USER COEFF	1065	1065	0.00	4.40	0.00	0.00
EQy USER COEFF	1066	1066	0.00	4.84	0.00	0.00
EQy USER COEFF	1067	1067	0.00	335.04	0.00	0.00
EQy USER COEFF	1068	1068	0.00	4.84	0.00	0.00
EQy USER COEFF	1069	1069	0.00	4.40	0.00	0.00
EQy USER COEFF	1070	1070	0.00	4.84	0.00	0.00
EQy USER COEFF	1071	1071	0.00	339.03	0.00	0.00
EQy USER COEFF	1072	1072	0.00	4.84	0.00	0.00
EQy USER COEFF	1073	1073	0.00	4.40	0.00	0.00
EQy USER COEFF	1074	1074	0.00	4.84	0.00	0.00
EQy USER COEFF	1075	1075	0.00	335.04	0.00	0.00
EQy USER COEFF	1076	1076	0.00	4.84	0.00	0.00
EQy USER COEFF	1077	1077	0.00	4.40	0.00	0.00
EQy USER COEFF	1078	1078	0.00	4.84	0.00	0.00
EQy USER COEFF	1079	1079	0.00	339.03	0.00	0.00
EQy USER COEFF	1080	1080	0.00	4.84	0.00	0.00
EQy USER COEFF	1081	1081	0.00	4.40	0.00	0.00
EQy USER COEFF	1082	1082	0.00	4.84	0.00	0.00
EQy USER COEFF	1083	1083	0.00	335.04	0.00	0.00
EQy USER COEFF	1084	1084	0.00	4.84	0.00	0.00
EQy USER COEFF	1085	1085	0.00	4.40	0.00	0.00
EQy USER COEFF	1086	1086	0.00	4.84	0.00	0.00
EQy USER COEFF	1087	1087	0.00	339.02	0.00	0.00
EQy USER COEFF	1088	1088	0.00	4.84	0.00	0.00
EQy USER COEFF	1089	1089	0.00	4.40	0.00	0.00
EQy USER COEFF	1090	1090	0.00	4.84	0.00	0.00
EQy USER COEFF	1091	1091	0.00	335.03	0.00	0.00
EQy USER COEFF	1092	1092	0.00	4.84	0.00	0.00
EQy USER COEFF	1093	1093	0.00	4.40	0.00	0.00
EQy USER COEFF	1094	1094	0.00	4.84	0.00	0.00
EQy USER COEFF	1095	1095	0.00	339.02	0.00	0.00
EQy USER COEFF	1096	1096	0.00	4.84	0.00	0.00
EQy USER COEFF	1097	1097	0.00	4.40	0.00	0.00
EQy USER COEFF	1098	1098	0.00	4.84	0.00	0.00
EQy USER COEFF	1099	1099	0.00	335.04	0.00	0.00
EQy USER COEFF	1100	1100	0.00	4.84	0.00	0.00
EQy USER COEFF	1101	1101	0.00	4.40	0.00	0.00
EQy USER COEFF	1102	1102	0.00	4.84	0.00	0.00
EQy USER COEFF	1103	1103	0.00	339.03	0.00	0.00
EQy USER COEFF	1104	1104	0.00	4.84	0.00	0.00
EQy USER COEFF	1105	1105	0.00	4.40	0.00	0.00
EQy USER COEFF	1106	1106	0.00	4.84	0.00	0.00
EQy USER COEFF	1107	1107	0.00	335.04	0.00	0.00
EQy USER COEFF	1108	1108	0.00	4.84	0.00	0.00
EQy USER COEFF	1109	1109	0.00	4.40	0.00	0.00
EQy USER COEFF	1110	1110	0.00	4.84	0.00	0.00
EQy USER COEFF	1111	1111	0.00	339.03	0.00	0.00
EQy USER COEFF	1112	1112	0.00	4.84	0.00	0.00
EQy USER COEFF	1113	1113	0.00	4.40	0.00	0.00
EQy USER COEFF	1114	1114	0.00	4.84	0.00	0.00
EQy USER COEFF	1115	1115	0.00	335.03	0.00	0.00
EQy USER COEFF	1116	1116	0.00	4.84	0.00	0.00
EQy USER COEFF	1117	1117	0.00	4.40	0.00	0.00
EQy USER COEFF	1118	1118	0.00	4.84	0.00	0.00
EQy USER COEFF	1119	1119	0.00	339.02	0.00	0.00
EQy USER COEFF	1120	1120	0.00	4.84	0.00	0.00
EQy USER COEFF	1121	1121	0.00	3.24	0.00	0.00
EQy USER COEFF	1122	1122	0.00	3.00	0.00	0.00
EQy USER COEFF	1123	1123	0.00	251.13	0.00	0.00
EQy USER COEFF	1124	1124	0.00	3.24	0.00	0.00
EQy USER COEFF	1125	1125	0.00	3.00	0.00	0.00
EQy USER COEFF	1126	1126	0.00	3.24	0.00	0.00
EQy USER COEFF	1127	1127	0.00	254.30	0.00	0.00
EQy USER COEFF	1128	1128	0.00	3.24	0.00	0.00
EQy USER COEFF	1129	1129	0.00	3.00	0.00	0.00
EQy USER COEFF	1130	1130	0.00	3.24	0.00	0.00
EQy USER COEFF	1131	1131	0.00	251.13	0.00	0.00
EQy USER COEFF	1132	1132	0.00	3.24	0.00	0.00

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EQy USER COEFF	1133	1133	0.00	3.00	0.00	0.00
EQy USER COEFF	1134	1134	0.00	3.24	0.00	0.00
EQy USER COEFF	1135	1135	0.00	254.30	0.00	0.00
EQy USER COEFF	1136	1136	0.00	3.24	0.00	0.00
EQy USER COEFF	1137	1137	0.00	3.00	0.00	0.00
EQy USER COEFF	1138	1138	0.00	3.24	0.00	0.00
EQy USER COEFF	1139	1139	0.00	251.13	0.00	0.00
EQy USER COEFF	1140	1140	0.00	3.24	0.00	0.00
EQy USER COEFF	1141	1141	0.00	3.00	0.00	0.00
EQy USER COEFF	1142	1142	0.00	3.24	0.00	0.00
EQy USER COEFF	1143	1143	0.00	254.30	0.00	0.00
EQy USER COEFF	1144	1144	0.00	3.24	0.00	0.00
EQy USER COEFF	1145	1145	0.00	3.00	0.00	0.00
EQy USER COEFF	1146	1146	0.00	3.24	0.00	0.00
EQy USER COEFF	1147	1147	0.00	251.13	0.00	0.00
EQy USER COEFF	1148	1148	0.00	3.24	0.00	0.00
EQy USER COEFF	1149	1149	0.00	3.00	0.00	0.00
EQy USER COEFF	1150	1150	0.00	3.24	0.00	0.00
EQy USER COEFF	1151	1151	0.00	254.30	0.00	0.00
EQy USER COEFF	1152	1152	0.00	3.24	0.00	0.00
EQy USER COEFF	1153	1153	0.00	3.00	0.00	0.00
EQy USER COEFF	1154	1154	0.00	3.24	0.00	0.00
EQy USER COEFF	1155	1155	0.00	251.13	0.00	0.00
EQy USER COEFF	1156	1156	0.00	3.24	0.00	0.00
EQy USER COEFF	1157	1157	0.00	3.00	0.00	0.00
EQy USER COEFF	1158	1158	0.00	3.24	0.00	0.00
EQy USER COEFF	1159	1159	0.00	254.30	0.00	0.00
EQy USER COEFF	1160	1160	0.00	3.24	0.00	0.00
EQy USER COEFF	1161	1161	0.00	3.00	0.00	0.00
EQy USER COEFF	1162	1162	0.00	3.24	0.00	0.00
EQy USER COEFF	1163	1163	0.00	251.13	0.00	0.00
EQy USER COEFF	1164	1164	0.00	3.24	0.00	0.00
EQy USER COEFF	1165	1165	0.00	3.00	0.00	0.00
EQy USER COEFF	1166	1166	0.00	3.24	0.00	0.00
EQy USER COEFF	1167	1167	0.00	254.30	0.00	0.00
EQy USER COEFF	1168	1168	0.00	3.24	0.00	0.00
EQy USER COEFF	1169	1169	0.00	3.00	0.00	0.00
EQy USER COEFF	1170	1170	0.00	3.24	0.00	0.00
EQy USER COEFF	1171	1171	0.00	251.13	0.00	0.00
EQy USER COEFF	1172	1172	0.00	3.24	0.00	0.00
EQy USER COEFF	1173	1173	0.00	3.00	0.00	0.00
EQy USER COEFF	1174	1174	0.00	3.24	0.00	0.00
EQy USER COEFF	1175	1175	0.00	254.61	0.00	0.00
EQy USER COEFF	1176	1176	0.00	3.60	0.00	0.00
EQy USER COEFF	1177	1177	0.00	3.00	0.00	0.00
EQy USER COEFF	1178	1178	0.00	3.24	0.00	0.00
EQy USER COEFF	1179	1179	0.00	251.13	0.00	0.00
EQy USER COEFF	1180	1180	0.00	3.24	0.00	0.00
EQy USER COEFF	1181	1181	0.00	3.00	0.00	0.00
EQy USER COEFF	1182	1182	0.00	3.24	0.00	0.00
EQy USER COEFF	1183	1183	0.00	254.30	0.00	0.00
EQy USER COEFF	1184	1184	0.00	3.24	0.00	0.00
EQy USER COEFF	1185	1185	0.00	3.00	0.00	0.00
EQy USER COEFF	1186	1186	0.00	3.24	0.00	0.00
EQy USER COEFF	1187	1187	0.00	251.13	0.00	0.00
EQy USER COEFF	1188	1188	0.00	3.24	0.00	0.00
EQy USER COEFF	1189	1189	0.00	3.00	0.00	0.00
EQy USER COEFF	1190	1190	0.00	3.24	0.00	0.00
EQy USER COEFF	1191	1191	0.00	254.30	0.00	0.00
EQy USER COEFF	1192	1192	0.00	3.24	0.00	0.00
EQy USER COEFF	1193	1193	0.00	3.00	0.00	0.00
EQy USER COEFF	1194	1194	0.00	3.24	0.00	0.00
EQy USER COEFF	1195	1195	0.00	251.13	0.00	0.00
EQy USER COEFF	1196	1196	0.00	3.24	0.00	0.00
EQy USER COEFF	1197	1197	0.00	3.00	0.00	0.00
EQy USER COEFF	1198	1198	0.00	3.24	0.00	0.00
EQy USER COEFF	1199	1199	0.00	254.30	0.00	0.00
EQy USER COEFF	1200	1200	0.00	3.24	0.00	0.00
EQy USER COEFF	1201	1201	0.00	13.48	0.00	0.00
EQy USER COEFF	1202	1202	0.00	13.48	0.00	0.00
EQy USER COEFF	1203	1203	0.00	98.19	0.00	0.00
EQy USER COEFF	1204	1204	0.00	13.48	0.00	0.00
EQy USER COEFF	1205	1205	0.00	13.48	0.00	0.00
EQy USER COEFF	1206	1206	0.00	13.48	0.00	0.00
EQy USER COEFF	1207	1207	0.00	119.37	0.00	0.00
EQy USER COEFF	1208	1208	0.00	13.48	0.00	0.00
EQy USER COEFF	1209	1209	0.00	13.48	0.00	0.00
EQy USER COEFF	1210	1210	0.00	13.48	0.00	0.00
EQy USER COEFF	1211	1211	0.00	98.19	0.00	0.00
EQy USER COEFF	1212	1212	0.00	13.48	0.00	0.00

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EQy USER COEFF	1213	1213	0.00	13.48	0.00	0.00
EQy USER COEFF	1214	1214	0.00	13.48	0.00	0.00
EQy USER COEFF	1215	1215	0.00	119.37	0.00	0.00
EQy USER COEFF	1216	1216	0.00	13.48	0.00	0.00
EQy USER COEFF	1217	1217	0.00	13.48	0.00	0.00
EQy USER COEFF	1218	1218	0.00	13.48	0.00	0.00
EQy USER COEFF	1219	1219	0.00	98.19	0.00	0.00
EQy USER COEFF	1220	1220	0.00	13.48	0.00	0.00
EQy USER COEFF	1221	1221	0.00	13.48	0.00	0.00
EQy USER COEFF	1222	1222	0.00	13.48	0.00	0.00
EQy USER COEFF	1223	1223	0.00	119.37	0.00	0.00
EQy USER COEFF	1224	1224	0.00	13.48	0.00	0.00
EQy USER COEFF	1225	1225	0.00	13.48	0.00	0.00
EQy USER COEFF	1226	1226	0.00	13.48	0.00	0.00
EQy USER COEFF	1227	1227	0.00	98.19	0.00	0.00
EQy USER COEFF	1228	1228	0.00	13.48	0.00	0.00
EQy USER COEFF	1229	1229	0.00	13.48	0.00	0.00
EQy USER COEFF	1230	1230	0.00	13.48	0.00	0.00
EQy USER COEFF	1231	1231	0.00	119.37	0.00	0.00
EQy USER COEFF	1232	1232	0.00	13.48	0.00	0.00
EQy USER COEFF	1233	1233	0.00	13.48	0.00	0.00
EQy USER COEFF	1234	1234	0.00	13.48	0.00	0.00
EQy USER COEFF	1235	1235	0.00	98.19	0.00	0.00
EQy USER COEFF	1236	1236	0.00	13.48	0.00	0.00
EQy USER COEFF	1237	1237	0.00	13.48	0.00	0.00
EQy USER COEFF	1238	1238	0.00	13.48	0.00	0.00
EQy USER COEFF	1239	1239	0.00	119.37	0.00	0.00
EQy USER COEFF	1240	1240	0.00	13.48	0.00	0.00
EQy USER COEFF	1241	1241	0.00	13.48	0.00	0.00
EQy USER COEFF	1242	1242	0.00	13.48	0.00	0.00
EQy USER COEFF	1243	1243	0.00	98.19	0.00	0.00
EQy USER COEFF	1244	1244	0.00	13.48	0.00	0.00
EQy USER COEFF	1245	1245	0.00	13.48	0.00	0.00
EQy USER COEFF	1246	1246	0.00	13.48	0.00	0.00
EQy USER COEFF	1247	1247	0.00	119.37	0.00	0.00
EQy USER COEFF	1248	1248	0.00	13.48	0.00	0.00
EQy USER COEFF	1249	1249	0.00	13.48	0.00	0.00
EQy USER COEFF	1250	1250	0.00	13.48	0.00	0.00
EQy USER COEFF	1251	1251	0.00	98.19	0.00	0.00
EQy USER COEFF	1252	1252	0.00	13.48	0.00	0.00
EQy USER COEFF	1253	1253	0.00	13.48	0.00	0.00
EQy USER COEFF	1254	1254	0.00	13.48	0.00	0.00
EQy USER COEFF	1255	1255	0.00	119.37	0.00	0.00
EQy USER COEFF	1256	1256	0.00	13.48	0.00	0.00
EQy USER COEFF	1257	1257	0.00	13.48	0.00	0.00
EQy USER COEFF	1258	1258	0.00	13.48	0.00	0.00
EQy USER COEFF	1259	1259	0.00	98.19	0.00	0.00
EQy USER COEFF	1260	1260	0.00	13.48	0.00	0.00
EQy USER COEFF	1261	1261	0.00	13.48	0.00	0.00
EQy USER COEFF	1262	1262	0.00	13.48	0.00	0.00
EQy USER COEFF	1263	1263	0.00	119.37	0.00	0.00
EQy USER COEFF	1264	1264	0.00	13.48	0.00	0.00
EQy USER COEFF	1265	1265	0.00	13.48	0.00	0.00
EQy USER COEFF	1266	1266	0.00	13.48	0.00	0.00
EQy USER COEFF	1267	1267	0.00	98.19	0.00	0.00
EQy USER COEFF	1268	1268	0.00	13.48	0.00	0.00
EQy USER COEFF	1269	1269	0.00	13.48	0.00	0.00
EQy USER COEFF	1270	1270	0.00	13.48	0.00	0.00
EQy USER COEFF	1271	1271	0.00	119.37	0.00	0.00
EQy USER COEFF	1272	1272	0.00	13.48	0.00	0.00
EQy USER COEFF	1273	1273	0.00	13.48	0.00	0.00
EQy USER COEFF	1274	1274	0.00	13.48	0.00	0.00
EQy USER COEFF	1275	1275	0.00	98.19	0.00	0.00
EQy USER COEFF	1276	1276	0.00	13.48	0.00	0.00
EQy USER COEFF	1277	1277	0.00	13.48	0.00	0.00
EQy USER COEFF	1278	1278	0.00	13.48	0.00	0.00
EQy USER COEFF	1279	1279	0.00	119.37	0.00	0.00
EQy USER COEFF	1280	1280	0.00	13.48	0.00	0.00

Table: Auto Seismic Loads To Joints, Part 2 of 2

LoadCase	JointElem	Joint	MY	MZ	X	Y	Z
Text	Text	Text	Kgf-m	Kgf-m	m	m	m
EQx	3	3	0.00	0.00	29.72589	2.33948	1.30617
EQx	4	4	0.00	0.00	29.81781	0.00000	1.30617
EQx	6	6	0.00	0.00	29.45070	4.66453	1.30617
EQx	8	8	0.00	0.00	28.99394	6.96083	1.30617
EQx	10	10	0.00	0.00	28.35842	9.21421	1.30617



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EQx	12	12	0.00	0.00	27.54807	11.41078	1.30617
EQx	14	14	0.00	0.00	26.56786	13.53700	1.30617
EQx	16	16	0.00	0.00	25.42386	15.57976	1.30617
EQx	18	18	0.00	0.00	24.12312	17.52647	1.30617
EQx	20	20	0.00	0.00	22.67364	19.36512	1.30617
EQx	22	22	0.00	0.00	21.08438	21.08438	1.30617
EQx	24	24	0.00	0.00	19.36512	22.67364	1.30617
EQx	26	26	0.00	0.00	17.52647	24.12312	1.30617
EQx	28	28	0.00	0.00	15.57976	25.42386	1.30617
EQx	30	30	0.00	0.00	13.53700	26.56786	1.30617
EQx	32	32	0.00	0.00	11.41078	27.54807	1.30617
EQx	34	34	0.00	0.00	9.21421	28.35842	1.30617
EQx	36	36	0.00	0.00	6.96083	28.99394	1.30617
EQx	38	38	0.00	0.00	4.66453	29.45070	1.30617
EQx	40	40	0.00	0.00	2.33948	29.72589	1.30617
EQx	42	42	0.00	0.00	1.826E-15	29.81781	1.30617
EQx	44	44	0.00	0.00	-2.33948	29.72589	1.30617
EQx	46	46	0.00	0.00	-4.66453	29.45070	1.30617
EQx	48	48	0.00	0.00	-6.96083	28.99394	1.30617
EQx	50	50	0.00	0.00	-9.21421	28.35842	1.30617
EQx	52	52	0.00	0.00	-11.41078	27.54807	1.30617
EQx	54	54	0.00	0.00	-13.53700	26.56786	1.30617
EQx	56	56	0.00	0.00	-15.57976	25.42386	1.30617
EQx	58	58	0.00	0.00	-17.52647	24.12312	1.30617
EQx	60	60	0.00	0.00	-19.36512	22.67364	1.30617
EQx	62	62	0.00	0.00	-21.08438	21.08438	1.30617
EQx	64	64	0.00	0.00	-22.67364	19.36512	1.30617
EQx	66	66	0.00	0.00	-24.12312	17.52647	1.30617
EQx	68	68	0.00	0.00	-25.42386	15.57976	1.30617
EQx	70	70	0.00	0.00	-26.56786	13.53700	1.30617
EQx	72	72	0.00	0.00	-27.54807	11.41078	1.30617
EQx	74	74	0.00	0.00	-28.35842	9.21421	1.30617
EQx	76	76	0.00	0.00	-28.99394	6.96083	1.30617
EQx	78	78	0.00	0.00	-29.45070	4.66453	1.30617
EQx	80	80	0.00	0.00	-29.72589	2.33948	1.30617
EQx	82	82	0.00	0.00	-29.81781	3.652E-15	1.30617
EQx	84	84	0.00	0.00	-29.72589	-2.33948	1.30617
EQx	86	86	0.00	0.00	-29.45070	-4.66453	1.30617
EQx	88	88	0.00	0.00	-28.99394	-6.96083	1.30617
EQx	90	90	0.00	0.00	-28.35842	-9.21421	1.30617
EQx	92	92	0.00	0.00	-27.54807	-11.41078	1.30617
EQx	94	94	0.00	0.00	-26.56786	-13.53700	1.30617
EQx	96	96	0.00	0.00	-25.42386	-15.57976	1.30617
EQx	98	98	0.00	0.00	-24.12312	-17.52647	1.30617
EQx	100	100	0.00	0.00	-22.67364	-19.36512	1.30617
EQx	102	102	0.00	0.00	-21.08438	-21.08438	1.30617
EQx	104	104	0.00	0.00	-19.36512	-22.67364	1.30617
EQx	106	106	0.00	0.00	-17.52647	-24.12312	1.30617
EQx	108	108	0.00	0.00	-15.57976	-25.42386	1.30617
EQx	110	110	0.00	0.00	-13.53700	-26.56786	1.30617
EQx	112	112	0.00	0.00	-11.41078	-27.54807	1.30617
EQx	114	114	0.00	0.00	-9.21421	-28.35842	1.30617
EQx	116	116	0.00	0.00	-6.96083	-28.99394	1.30617
EQx	118	118	0.00	0.00	-4.66453	-29.45070	1.30617
EQx	120	120	0.00	0.00	-2.33948	-29.72589	1.30617
EQx	122	122	0.00	0.00	-5.477E-15	-29.81781	1.30617
EQx	124	124	0.00	0.00	2.33948	-29.72589	1.30617
EQx	126	126	0.00	0.00	4.66453	-29.45070	1.30617
EQx	128	128	0.00	0.00	6.96083	-28.99394	1.30617
EQx	130	130	0.00	0.00	9.21421	-28.35842	1.30617
EQx	132	132	0.00	0.00	11.41078	-27.54807	1.30617
EQx	134	134	0.00	0.00	13.53700	-26.56786	1.30617
EQx	136	136	0.00	0.00	15.57976	-25.42386	1.30617
EQx	138	138	0.00	0.00	17.52647	-24.12312	1.30617
EQx	140	140	0.00	0.00	19.36512	-22.67364	1.30617
EQx	142	142	0.00	0.00	21.08438	-21.08438	1.30617
EQx	144	144	0.00	0.00	22.67364	-19.36512	1.30617
EQx	146	146	0.00	0.00	24.12312	-17.52647	1.30617
EQx	148	148	0.00	0.00	25.42386	-15.57976	1.30617
EQx	150	150	0.00	0.00	26.56786	-13.53700	1.30617
EQx	152	152	0.00	0.00	27.54807	-11.41078	1.30617
EQx	154	154	0.00	0.00	28.35842	-9.21421	1.30617
EQx	156	156	0.00	0.00	28.99394	-6.96083	1.30617
EQx	158	158	0.00	0.00	29.45070	-4.66453	1.30617
EQx	160	160	0.00	0.00	29.72589	-2.33948	1.30617
EQx	161	161	0.00	0.00	27.99504	2.20326	2.53953
EQx	162	162	0.00	0.00	28.08161	0.00000	2.53953
EQx	163	163	0.00	0.00	27.73588	4.39293	2.53953
EQx	164	164	0.00	0.00	27.30571	6.55552	2.53953
EQx	165	165	0.00	0.00	26.70720	8.67769	2.53953

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EQx 166	166	0.00	0.00	25.94402	10.74637	2.53953
EQx 167	167	0.00	0.00	25.02090	12.74878	2.53953
EQx 168	168	0.00	0.00	23.94351	14.67260	2.53953
EQx 169	169	0.00	0.00	22.71850	16.50596	2.53953
EQx 170	170	0.00	0.00	21.35342	18.23755	2.53953
EQx 171	171	0.00	0.00	19.85670	19.85670	2.53953
EQx 172	172	0.00	0.00	18.23755	21.35342	2.53953
EQx 173	173	0.00	0.00	16.50596	22.71850	2.53953
EQx 174	174	0.00	0.00	14.67260	23.94351	2.53953
EQx 175	175	0.00	0.00	12.74878	25.02090	2.53953
EQx 176	176	0.00	0.00	10.74637	25.94402	2.53953
EQx 177	177	0.00	0.00	8.67769	26.70720	2.53953
EQx 178	178	0.00	0.00	6.55552	27.30571	2.53953
EQx 179	179	0.00	0.00	4.39293	27.73588	2.53953
EQx 180	180	0.00	0.00	2.20326	27.99504	2.53953
EQx 181	181	0.00	0.00	1.719E-15	28.08161	2.53953
EQx 182	182	0.00	0.00	-2.20326	27.99504	2.53953
EQx 183	183	0.00	0.00	-4.39293	27.73588	2.53953
EQx 184	184	0.00	0.00	-6.55552	27.30571	2.53953
EQx 185	185	0.00	0.00	-8.67769	26.70720	2.53953
EQx 186	186	0.00	0.00	-10.74637	25.94402	2.53953
EQx 187	187	0.00	0.00	-12.74878	25.02090	2.53953
EQx 188	188	0.00	0.00	-14.67260	23.94351	2.53953
EQx 189	189	0.00	0.00	-16.50596	22.71850	2.53953
EQx 190	190	0.00	0.00	-18.23755	21.35342	2.53953
EQx 191	191	0.00	0.00	-19.85670	19.85670	2.53953
EQx 192	192	0.00	0.00	-21.35342	18.23755	2.53953
EQx 193	193	0.00	0.00	-22.71850	16.50596	2.53953
EQx 194	194	0.00	0.00	-23.94351	14.67260	2.53953
EQx 195	195	0.00	0.00	-25.02090	12.74878	2.53953
EQx 196	196	0.00	0.00	-25.94402	10.74637	2.53953
EQx 197	197	0.00	0.00	-26.70720	8.67769	2.53953
EQx 198	198	0.00	0.00	-27.30571	6.55552	2.53953
EQx 199	199	0.00	0.00	-27.73588	4.39293	2.53953
EQx 200	200	0.00	0.00	-27.99504	2.20326	2.53953
EQx 201	201	0.00	0.00	-28.08161	3.439E-15	2.53953
EQx 202	202	0.00	0.00	-27.99504	-2.20326	2.53953
EQx 203	203	0.00	0.00	-27.73588	-4.39293	2.53953
EQx 204	204	0.00	0.00	-27.30571	-6.55552	2.53953
EQx 205	205	0.00	0.00	-26.70720	-8.67769	2.53953
EQx 206	206	0.00	0.00	-25.94402	-10.74637	2.53953
EQx 207	207	0.00	0.00	-25.02090	-12.74878	2.53953
EQx 208	208	0.00	0.00	-23.94351	-14.67260	2.53953
EQx 209	209	0.00	0.00	-22.71850	-16.50596	2.53953
EQx 210	210	0.00	0.00	-21.35342	-18.23755	2.53953
EQx 211	211	0.00	0.00	-19.85670	-19.85670	2.53953
EQx 212	212	0.00	0.00	-18.23755	-21.35342	2.53953
EQx 213	213	0.00	0.00	-16.50596	-22.71850	2.53953
EQx 214	214	0.00	0.00	-14.67260	-23.94351	2.53953
EQx 215	215	0.00	0.00	-12.74878	-25.02090	2.53953
EQx 216	216	0.00	0.00	-10.74637	-25.94402	2.53953
EQx 217	217	0.00	0.00	-8.67769	-26.70720	2.53953
EQx 218	218	0.00	0.00	-6.55552	-27.30571	2.53953
EQx 219	219	0.00	0.00	-4.39293	-27.73588	2.53953
EQx 220	220	0.00	0.00	-2.20326	-27.99504	2.53953
EQx 221	221	0.00	0.00	-5.158E-15	-28.08161	2.53953
EQx 222	222	0.00	0.00	2.20326	-27.99504	2.53953
EQx 223	223	0.00	0.00	4.39293	-27.73588	2.53953
EQx 224	224	0.00	0.00	6.55552	-27.30571	2.53953
EQx 225	225	0.00	0.00	8.67769	-26.70720	2.53953
EQx 226	226	0.00	0.00	10.74637	-25.94402	2.53953
EQx 227	227	0.00	0.00	12.74878	-25.02090	2.53953
EQx 228	228	0.00	0.00	14.67260	-23.94351	2.53953
EQx 229	229	0.00	0.00	16.50596	-22.71850	2.53953
EQx 230	230	0.00	0.00	18.23755	-21.35342	2.53953
EQx 231	231	0.00	0.00	19.85670	-19.85670	2.53953
EQx 232	232	0.00	0.00	21.35342	-18.23755	2.53953
EQx 233	233	0.00	0.00	22.71850	-16.50596	2.53953
EQx 234	234	0.00	0.00	23.94351	-14.67260	2.53953
EQx 235	235	0.00	0.00	25.02090	-12.74878	2.53953
EQx 236	236	0.00	0.00	25.94402	-10.74637	2.53953
EQx 237	237	0.00	0.00	26.70720	-8.67769	2.53953
EQx 238	238	0.00	0.00	27.30571	-6.55552	2.53953
EQx 239	239	0.00	0.00	27.73588	-4.39293	2.53953
EQx 240	240	0.00	0.00	27.99504	-2.20326	2.53953
EQx 241	241	0.00	0.00	26.21340	2.06304	3.69783
EQx 242	242	0.00	0.00	26.29446	0.00000	3.69783
EQx 243	243	0.00	0.00	25.97073	4.11336	3.69783
EQx 244	244	0.00	0.00	25.56794	6.13832	3.69783
EQx 245	245	0.00	0.00	25.00752	8.12544	3.69783

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EQx 246	246	0.00	0.00	24.29291	10.06245	3.69783
EQx 247	247	0.00	0.00	23.42854	11.93744	3.69783
EQx 248	248	0.00	0.00	22.41971	13.73882	3.69783
EQx 249	249	0.00	0.00	21.27267	15.45550	3.69783
EQx 250	250	0.00	0.00	19.99447	17.07689	3.69783
EQx 251	251	0.00	0.00	18.59299	18.59299	3.69783
EQx 252	252	0.00	0.00	17.07689	19.99447	3.69783
EQx 253	253	0.00	0.00	15.45550	21.27267	3.69783
EQx 254	254	0.00	0.00	13.73882	22.41971	3.69783
EQx 255	255	0.00	0.00	11.93744	23.42854	3.69783
EQx 256	256	0.00	0.00	10.06245	24.29291	3.69783
EQx 257	257	0.00	0.00	8.12544	25.00752	3.69783
EQx 258	258	0.00	0.00	6.13832	25.56794	3.69783
EQx 259	259	0.00	0.00	4.11336	25.97073	3.69783
EQx 260	260	0.00	0.00	2.06304	26.21340	3.69783
EQx 261	261	0.00	0.00	1.610E-15	26.29446	3.69783
EQx 262	262	0.00	0.00	-2.06304	26.21340	3.69783
EQx 263	263	0.00	0.00	-4.11336	25.97073	3.69783
EQx 264	264	0.00	0.00	-6.13832	25.56794	3.69783
EQx 265	265	0.00	0.00	-8.12544	25.00752	3.69783
EQx 266	266	0.00	0.00	-10.06245	24.29291	3.69783
EQx 267	267	0.00	0.00	-11.93744	23.42854	3.69783
EQx 268	268	0.00	0.00	-13.73882	22.41971	3.69783
EQx 269	269	0.00	0.00	-15.45550	21.27267	3.69783
EQx 270	270	0.00	0.00	-17.07689	19.99447	3.69783
EQx 271	271	0.00	0.00	-18.59299	18.59299	3.69783
EQx 272	272	0.00	0.00	-19.99447	17.07689	3.69783
EQx 273	273	0.00	0.00	-21.27267	15.45550	3.69783
EQx 274	274	0.00	0.00	-22.41971	13.73882	3.69783
EQx 275	275	0.00	0.00	-23.42854	11.93744	3.69783
EQx 276	276	0.00	0.00	-24.29291	10.06245	3.69783
EQx 277	277	0.00	0.00	-25.00752	8.12544	3.69783
EQx 278	278	0.00	0.00	-25.56794	6.13832	3.69783
EQx 279	279	0.00	0.00	-25.97073	4.11336	3.69783
EQx 280	280	0.00	0.00	-26.21340	2.06304	3.69783
EQx 281	281	0.00	0.00	-26.29446	3.220E-15	3.69783
EQx 282	282	0.00	0.00	-26.21340	-2.06304	3.69783
EQx 283	283	0.00	0.00	-25.97073	-4.11336	3.69783
EQx 284	284	0.00	0.00	-25.56794	-6.13832	3.69783
EQx 285	285	0.00	0.00	-25.00752	-8.12544	3.69783
EQx 286	286	0.00	0.00	-24.29291	-10.06245	3.69783
EQx 287	287	0.00	0.00	-23.42854	-11.93744	3.69783
EQx 288	288	0.00	0.00	-22.41971	-13.73882	3.69783
EQx 289	289	0.00	0.00	-21.27267	-15.45550	3.69783
EQx 290	290	0.00	0.00	-19.99447	-17.07689	3.69783
EQx 291	291	0.00	0.00	-18.59299	-18.59299	3.69783
EQx 292	292	0.00	0.00	-17.07689	-19.99447	3.69783
EQx 293	293	0.00	0.00	-15.45550	-21.27267	3.69783
EQx 294	294	0.00	0.00	-13.73882	-22.41971	3.69783
EQx 295	295	0.00	0.00	-11.93744	-23.42854	3.69783
EQx 296	296	0.00	0.00	-10.06245	-24.29291	3.69783
EQx 297	297	0.00	0.00	-8.12544	-25.00752	3.69783
EQx 298	298	0.00	0.00	-6.13832	-25.56794	3.69783
EQx 299	299	0.00	0.00	-4.11336	-25.97073	3.69783
EQx 300	300	0.00	0.00	-2.06304	-26.21340	3.69783
EQx 301	301	0.00	0.00	-4.830E-15	-26.29446	3.69783
EQx 302	302	0.00	0.00	2.06304	-26.21340	3.69783
EQx 303	303	0.00	0.00	4.11336	-25.97073	3.69783
EQx 304	304	0.00	0.00	6.13832	-25.56794	3.69783
EQx 305	305	0.00	0.00	8.12544	-25.00752	3.69783
EQx 306	306	0.00	0.00	10.06245	-24.29291	3.69783
EQx 307	307	0.00	0.00	11.93744	-23.42854	3.69783
EQx 308	308	0.00	0.00	13.73882	-22.41971	3.69783
EQx 309	309	0.00	0.00	15.45550	-21.27267	3.69783
EQx 310	310	0.00	0.00	17.07689	-19.99447	3.69783
EQx 311	311	0.00	0.00	18.59299	-18.59299	3.69783
EQx 312	312	0.00	0.00	19.99447	-17.07689	3.69783
EQx 313	313	0.00	0.00	21.27267	-15.45550	3.69783
EQx 314	314	0.00	0.00	22.41971	-13.73882	3.69783
EQx 315	315	0.00	0.00	23.42854	-11.93744	3.69783
EQx 316	316	0.00	0.00	24.29291	-10.06245	3.69783
EQx 317	317	0.00	0.00	25.00752	-8.12544	3.69783
EQx 318	318	0.00	0.00	25.56794	-6.13832	3.69783
EQx 319	319	0.00	0.00	25.97073	-4.11336	3.69783
EQx 320	320	0.00	0.00	26.21340	-2.06304	3.69783
EQx 321	321	0.00	0.00	24.38421	1.91908	4.77898
EQx 322	322	0.00	0.00	24.45961	0.00000	4.77898
EQx 323	323	0.00	0.00	24.15847	3.82633	4.77898
EQx 324	324	0.00	0.00	23.78379	5.70998	4.77898
EQx 325	325	0.00	0.00	23.26247	7.55843	4.77898

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EQx 326	326	0.00	0.00	22.59773	9.36029	4.77898
EQx 327	327	0.00	0.00	21.79367	11.10443	4.77898
EQx 328	328	0.00	0.00	20.85525	12.78011	4.77898
EQx 329	329	0.00	0.00	19.78824	14.37700	4.77898
EQx 330	330	0.00	0.00	18.59923	15.88525	4.77898
EQx 331	331	0.00	0.00	17.29556	17.29556	4.77898
EQx 332	332	0.00	0.00	15.88525	18.59923	4.77898
EQx 333	333	0.00	0.00	14.37700	19.78824	4.77898
EQx 334	334	0.00	0.00	12.78011	20.85525	4.77898
EQx 335	335	0.00	0.00	11.10443	21.79367	4.77898
EQx 336	336	0.00	0.00	9.36029	22.59773	4.77898
EQx 337	337	0.00	0.00	7.55843	23.26247	4.77898
EQx 338	338	0.00	0.00	5.70998	23.78379	4.77898
EQx 339	339	0.00	0.00	3.82633	24.15847	4.77898
EQx 340	340	0.00	0.00	1.91908	24.38421	4.77898
EQx 341	341	0.00	0.00	1.498E-15	24.45961	4.77898
EQx 342	342	0.00	0.00	-1.91908	24.38421	4.77898
EQx 343	343	0.00	0.00	-3.82633	24.15847	4.77898
EQx 344	344	0.00	0.00	-5.70998	23.78379	4.77898
EQx 345	345	0.00	0.00	-7.55843	23.26247	4.77898
EQx 346	346	0.00	0.00	-9.36029	22.59773	4.77898
EQx 347	347	0.00	0.00	-11.10443	21.79367	4.77898
EQx 348	348	0.00	0.00	-12.78011	20.85525	4.77898
EQx 349	349	0.00	0.00	-14.37700	19.78824	4.77898
EQx 350	350	0.00	0.00	-15.88525	18.59923	4.77898
EQx 351	351	0.00	0.00	-17.29556	17.29556	4.77898
EQx 352	352	0.00	0.00	-18.59923	15.88525	4.77898
EQx 353	353	0.00	0.00	-19.78824	14.37700	4.77898
EQx 354	354	0.00	0.00	-20.85525	12.78011	4.77898
EQx 355	355	0.00	0.00	-21.79367	11.10443	4.77898
EQx 356	356	0.00	0.00	-22.59773	9.36029	4.77898
EQx 357	357	0.00	0.00	-23.26247	7.55843	4.77898
EQx 358	358	0.00	0.00	-23.78379	5.70998	4.77898
EQx 359	359	0.00	0.00	-24.15847	3.82633	4.77898
EQx 360	360	0.00	0.00	-24.38421	1.91908	4.77898
EQx 361	361	0.00	0.00	-24.45961	2.995E-15	4.77898
EQx 362	362	0.00	0.00	-24.38421	-1.91908	4.77898
EQx 363	363	0.00	0.00	-24.15847	-3.82633	4.77898
EQx 364	364	0.00	0.00	-23.78379	-5.70998	4.77898
EQx 365	365	0.00	0.00	-23.26247	-7.55843	4.77898
EQx 366	366	0.00	0.00	-22.59773	-9.36029	4.77898
EQx 367	367	0.00	0.00	-21.79367	-11.10443	4.77898
EQx 368	368	0.00	0.00	-20.85525	-12.78011	4.77898
EQx 369	369	0.00	0.00	-19.78824	-14.37700	4.77898
EQx 370	370	0.00	0.00	-18.59923	-15.88525	4.77898
EQx 371	371	0.00	0.00	-17.29556	-17.29556	4.77898
EQx 372	372	0.00	0.00	-15.88525	-18.59923	4.77898
EQx 373	373	0.00	0.00	-14.37700	-19.78824	4.77898
EQx 374	374	0.00	0.00	-12.78011	-20.85525	4.77898
EQx 375	375	0.00	0.00	-11.10443	-21.79367	4.77898
EQx 376	376	0.00	0.00	-9.36029	-22.59773	4.77898
EQx 377	377	0.00	0.00	-7.55843	-23.26247	4.77898
EQx 378	378	0.00	0.00	-5.70998	-23.78379	4.77898
EQx 379	379	0.00	0.00	-3.82633	-24.15847	4.77898
EQx 380	380	0.00	0.00	-1.91908	-24.38421	4.77898
EQx 381	381	0.00	0.00	-4.493E-15	-24.45961	4.77898
EQx 382	382	0.00	0.00	1.91908	-24.38421	4.77898
EQx 383	383	0.00	0.00	3.82633	-24.15847	4.77898
EQx 384	384	0.00	0.00	5.70998	-23.78379	4.77898
EQx 385	385	0.00	0.00	7.55843	-23.26247	4.77898
EQx 386	386	0.00	0.00	9.36029	-22.59773	4.77898
EQx 387	387	0.00	0.00	11.10443	-21.79367	4.77898
EQx 388	388	0.00	0.00	12.78011	-20.85525	4.77898
EQx 389	389	0.00	0.00	14.37700	-19.78824	4.77898
EQx 390	390	0.00	0.00	15.88525	-18.59923	4.77898
EQx 391	391	0.00	0.00	17.29556	-17.29556	4.77898
EQx 392	392	0.00	0.00	18.59923	-15.88525	4.77898
EQx 393	393	0.00	0.00	19.78824	-14.37700	4.77898
EQx 394	394	0.00	0.00	20.85525	-12.78011	4.77898
EQx 395	395	0.00	0.00	21.79367	-11.10443	4.77898
EQx 396	396	0.00	0.00	22.59773	-9.36029	4.77898
EQx 397	397	0.00	0.00	23.26247	-7.55843	4.77898
EQx 398	398	0.00	0.00	23.78379	-5.70998	4.77898
EQx 399	399	0.00	0.00	24.15847	-3.82633	4.77898
EQx 400	400	0.00	0.00	24.38421	-1.91908	4.77898
EQx 401	401	0.00	0.00	22.51077	1.77164	5.78101
EQx 402	402	0.00	0.00	22.58038	0.00000	5.78101
EQx 403	403	0.00	0.00	22.30238	3.53235	5.78101
EQx 404	404	0.00	0.00	21.95648	5.27129	5.78101
EQx 405	405	0.00	0.00	21.47522	6.97772	5.78101

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EQx 406	406	0.00	0.00	20.86155	8.64114	5.78101
EQx 407	407	0.00	0.00	20.11927	10.25128	5.78101
EQx 408	408	0.00	0.00	19.25294	11.79822	5.78101
EQx 409	409	0.00	0.00	18.26791	13.27242	5.78101
EQx 410	410	0.00	0.00	17.17026	14.66478	5.78101
EQx 411	411	0.00	0.00	15.96674	15.96674	5.78101
EQx 412	412	0.00	0.00	14.66478	17.17026	5.78101
EQx 413	413	0.00	0.00	13.27242	18.26791	5.78101
EQx 414	414	0.00	0.00	11.79822	19.25294	5.78101
EQx 415	415	0.00	0.00	10.25128	20.11927	5.78101
EQx 416	416	0.00	0.00	8.64114	20.86155	5.78101
EQx 417	417	0.00	0.00	6.97772	21.47522	5.78101
EQx 418	418	0.00	0.00	5.27129	21.95648	5.78101
EQx 419	419	0.00	0.00	3.53235	22.30238	5.78101
EQx 420	420	0.00	0.00	1.77164	22.51077	5.78101
EQx 421	421	0.00	0.00	1.383E-15	22.58038	5.78101
EQx 422	422	0.00	0.00	-1.77164	22.51077	5.78101
EQx 423	423	0.00	0.00	-3.53235	22.30238	5.78101
EQx 424	424	0.00	0.00	-5.27129	21.95648	5.78101
EQx 425	425	0.00	0.00	-6.97772	21.47522	5.78101
EQx 426	426	0.00	0.00	-8.64114	20.86155	5.78101
EQx 427	427	0.00	0.00	-10.25128	20.11927	5.78101
EQx 428	428	0.00	0.00	-11.79822	19.25294	5.78101
EQx 429	429	0.00	0.00	-13.27242	18.26791	5.78101
EQx 430	430	0.00	0.00	-14.66478	17.17026	5.78101
EQx 431	431	0.00	0.00	-15.96674	15.96674	5.78101
EQx 432	432	0.00	0.00	-17.17026	14.66478	5.78101
EQx 433	433	0.00	0.00	-18.26791	13.27242	5.78101
EQx 434	434	0.00	0.00	-19.25294	11.79822	5.78101
EQx 435	435	0.00	0.00	-20.11927	10.25128	5.78101
EQx 436	436	0.00	0.00	-20.86155	8.64114	5.78101
EQx 437	437	0.00	0.00	-21.47522	6.97772	5.78101
EQx 438	438	0.00	0.00	-21.95648	5.27129	5.78101
EQx 439	439	0.00	0.00	-22.30238	3.53235	5.78101
EQx 440	440	0.00	0.00	-22.51077	1.77164	5.78101
EQx 441	441	0.00	0.00	-22.58038	2.765E-15	5.78101
EQx 442	442	0.00	0.00	-22.51077	-1.77164	5.78101
EQx 443	443	0.00	0.00	-22.30238	-3.53235	5.78101
EQx 444	444	0.00	0.00	-21.95648	-5.27129	5.78101
EQx 445	445	0.00	0.00	-21.47522	-6.97772	5.78101
EQx 446	446	0.00	0.00	-20.86155	-8.64114	5.78101
EQx 447	447	0.00	0.00	-20.11927	-10.25128	5.78101
EQx 448	448	0.00	0.00	-19.25294	-11.79822	5.78101
EQx 449	449	0.00	0.00	-18.26791	-13.27242	5.78101
EQx 450	450	0.00	0.00	-17.17026	-14.66478	5.78101
EQx 451	451	0.00	0.00	-15.96674	-15.96674	5.78101
EQx 452	452	0.00	0.00	-14.66478	-17.17026	5.78101
EQx 453	453	0.00	0.00	-13.27242	-18.26791	5.78101
EQx 454	454	0.00	0.00	-11.79822	-19.25294	5.78101
EQx 455	455	0.00	0.00	-10.25128	-20.11927	5.78101
EQx 456	456	0.00	0.00	-8.64114	-20.86155	5.78101
EQx 457	457	0.00	0.00	-6.97772	-21.47522	5.78101
EQx 458	458	0.00	0.00	-5.27129	-21.95648	5.78101
EQx 459	459	0.00	0.00	-3.53235	-22.30238	5.78101
EQx 460	460	0.00	0.00	-1.77164	-22.51077	5.78101
EQx 461	461	0.00	0.00	-4.148E-15	-22.58038	5.78101
EQx 462	462	0.00	0.00	1.77164	-22.51077	5.78101
EQx 463	463	0.00	0.00	3.53235	-22.30238	5.78101
EQx 464	464	0.00	0.00	5.27129	-21.95648	5.78101
EQx 465	465	0.00	0.00	6.97772	-21.47522	5.78101
EQx 466	466	0.00	0.00	8.64114	-20.86155	5.78101
EQx 467	467	0.00	0.00	10.25128	-20.11927	5.78101
EQx 468	468	0.00	0.00	11.79822	-19.25294	5.78101
EQx 469	469	0.00	0.00	13.27242	-18.26791	5.78101
EQx 470	470	0.00	0.00	14.66478	-17.17026	5.78101
EQx 471	471	0.00	0.00	15.96674	-15.96674	5.78101
EQx 472	472	0.00	0.00	17.17026	-14.66478	5.78101
EQx 473	473	0.00	0.00	18.26791	-13.27242	5.78101
EQx 474	474	0.00	0.00	19.25294	-11.79822	5.78101
EQx 475	475	0.00	0.00	20.11927	-10.25128	5.78101
EQx 476	476	0.00	0.00	20.86155	-8.64114	5.78101
EQx 477	477	0.00	0.00	21.47522	-6.97772	5.78101
EQx 478	478	0.00	0.00	21.95648	-5.27129	5.78101
EQx 479	479	0.00	0.00	22.30238	-3.53235	5.78101
EQx 480	480	0.00	0.00	22.51077	-1.77164	5.78101
EQx 481	481	0.00	0.00	20.59650	1.62098	6.70211
EQx 482	482	0.00	0.00	20.66019	0.00000	6.70211
EQx 483	483	0.00	0.00	20.40583	3.23197	6.70211
EQx 484	484	0.00	0.00	20.08935	4.82303	6.70211
EQx 485	485	0.00	0.00	19.64901	6.38435	6.70211

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EQx 486	486	0.00	0.00	19.08753	7.90631	6.70211
EQx 487	487	0.00	0.00	18.40836	9.37953	6.70211
EQx 488	488	0.00	0.00	17.61571	10.79492	6.70211
EQx 489	489	0.00	0.00	16.71444	12.14375	6.70211
EQx 490	490	0.00	0.00	15.71013	13.41772	6.70211
EQx 491	491	0.00	0.00	14.60896	14.60896	6.70211
EQx 492	492	0.00	0.00	13.41772	15.71013	6.70211
EQx 493	493	0.00	0.00	12.14375	16.71444	6.70211
EQx 494	494	0.00	0.00	10.79492	17.61571	6.70211
EQx 495	495	0.00	0.00	9.37953	18.40836	6.70211
EQx 496	496	0.00	0.00	7.90631	19.08753	6.70211
EQx 497	497	0.00	0.00	6.38435	19.64901	6.70211
EQx 498	498	0.00	0.00	4.82303	20.08935	6.70211
EQx 499	499	0.00	0.00	3.23197	20.40583	6.70211
EQx 500	500	0.00	0.00	1.62098	20.59650	6.70211
EQx 501	501	0.00	0.00	1.265E-15	20.66019	6.70211
EQx 502	502	0.00	0.00	-1.62098	20.59650	6.70211
EQx 503	503	0.00	0.00	-3.23197	20.40583	6.70211
EQx 504	504	0.00	0.00	-4.82303	20.08935	6.70211
EQx 505	505	0.00	0.00	-6.38435	19.64901	6.70211
EQx 506	506	0.00	0.00	-7.90631	19.08753	6.70211
EQx 507	507	0.00	0.00	-9.37953	18.40836	6.70211
EQx 508	508	0.00	0.00	-10.79492	17.61571	6.70211
EQx 509	509	0.00	0.00	-12.14375	16.71444	6.70211
EQx 510	510	0.00	0.00	-13.41772	15.71013	6.70211
EQx 511	511	0.00	0.00	-14.60896	14.60896	6.70211
EQx 512	512	0.00	0.00	-15.71013	13.41772	6.70211
EQx 513	513	0.00	0.00	-16.71444	12.14375	6.70211
EQx 514	514	0.00	0.00	-17.61571	10.79492	6.70211
EQx 515	515	0.00	0.00	-18.40836	9.37953	6.70211
EQx 516	516	0.00	0.00	-19.08753	7.90631	6.70211
EQx 517	517	0.00	0.00	-19.64901	6.38435	6.70211
EQx 518	518	0.00	0.00	-20.08935	4.82303	6.70211
EQx 519	519	0.00	0.00	-20.40583	3.23197	6.70211
EQx 520	520	0.00	0.00	-20.59650	1.62098	6.70211
EQx 521	521	0.00	0.00	-20.66019	2.530E-15	6.70211
EQx 522	522	0.00	0.00	-20.59650	-1.62098	6.70211
EQx 523	523	0.00	0.00	-20.40583	-3.23197	6.70211
EQx 524	524	0.00	0.00	-20.08935	-4.82303	6.70211
EQx 525	525	0.00	0.00	-19.64901	-6.38435	6.70211
EQx 526	526	0.00	0.00	-19.08753	-7.90631	6.70211
EQx 527	527	0.00	0.00	-18.40836	-9.37953	6.70211
EQx 528	528	0.00	0.00	-17.61571	-10.79492	6.70211
EQx 529	529	0.00	0.00	-16.71444	-12.14375	6.70211
EQx 530	530	0.00	0.00	-15.71013	-13.41772	6.70211
EQx 531	531	0.00	0.00	-14.60896	-14.60896	6.70211
EQx 532	532	0.00	0.00	-13.41772	-15.71013	6.70211
EQx 533	533	0.00	0.00	-12.14375	-16.71444	6.70211
EQx 534	534	0.00	0.00	-10.79492	-17.61571	6.70211
EQx 535	535	0.00	0.00	-9.37953	-18.40836	6.70211
EQx 536	536	0.00	0.00	-7.90631	-19.08753	6.70211
EQx 537	537	0.00	0.00	-6.38435	-19.64901	6.70211
EQx 538	538	0.00	0.00	-4.82303	-20.08935	6.70211
EQx 539	539	0.00	0.00	-3.23197	-20.40583	6.70211
EQx 540	540	0.00	0.00	-1.62098	-20.59650	6.70211
EQx 541	541	0.00	0.00	-3.795E-15	-20.66019	6.70211
EQx 542	542	0.00	0.00	1.62098	-20.59650	6.70211
EQx 543	543	0.00	0.00	3.23197	-20.40583	6.70211
EQx 544	544	0.00	0.00	4.82303	-20.08935	6.70211
EQx 545	545	0.00	0.00	6.38435	-19.64901	6.70211
EQx 546	546	0.00	0.00	7.90631	-19.08753	6.70211
EQx 547	547	0.00	0.00	9.37953	-18.40836	6.70211
EQx 548	548	0.00	0.00	10.79492	-17.61571	6.70211
EQx 549	549	0.00	0.00	12.14375	-16.71444	6.70211
EQx 550	550	0.00	0.00	13.41772	-15.71013	6.70211
EQx 551	551	0.00	0.00	14.60896	-14.60896	6.70211
EQx 552	552	0.00	0.00	15.71013	-13.41772	6.70211
EQx 553	553	0.00	0.00	16.71444	-12.14375	6.70211
EQx 554	554	0.00	0.00	17.61571	-10.79492	6.70211
EQx 555	555	0.00	0.00	18.40836	-9.37953	6.70211
EQx 556	556	0.00	0.00	19.08753	-7.90631	6.70211
EQx 557	557	0.00	0.00	19.64901	-6.38435	6.70211
EQx 558	558	0.00	0.00	20.08935	-4.82303	6.70211
EQx 559	559	0.00	0.00	20.40583	-3.23197	6.70211
EQx 560	560	0.00	0.00	20.59650	-1.62098	6.70211
EQx 561	561	0.00	0.00	18.64486	1.46738	7.54060
EQx 562	562	0.00	0.00	18.70251	0.00000	7.54060
EQx 563	563	0.00	0.00	18.47225	2.92572	7.54060
EQx 564	564	0.00	0.00	18.18576	4.36601	7.54060
EQx 565	565	0.00	0.00	17.78715	5.77939	7.54060

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EQx	566	566	0.00	0.00	17.27887	7.15714	7.54060
EQx	567	567	0.00	0.00	16.66406	8.49076	7.54060
EQx	568	568	0.00	0.00	15.94651	9.77204	7.54060
EQx	569	569	0.00	0.00	15.13065	10.99306	7.54060
EQx	570	570	0.00	0.00	14.22150	12.14631	7.54060
EQx	571	571	0.00	0.00	13.22467	13.22467	7.54060
EQx	572	572	0.00	0.00	12.14631	14.22150	7.54060
EQx	573	573	0.00	0.00	10.99306	15.13065	7.54060
EQx	574	574	0.00	0.00	9.77204	15.94651	7.54060
EQx	575	575	0.00	0.00	8.49076	16.66406	7.54060
EQx	576	576	0.00	0.00	7.15714	17.27887	7.54060
EQx	577	577	0.00	0.00	5.77939	17.78715	7.54060
EQx	578	578	0.00	0.00	4.36601	18.18576	7.54060
EQx	579	579	0.00	0.00	2.92572	18.47225	7.54060
EQx	580	580	0.00	0.00	1.46738	18.64486	7.54060
EQx	581	581	0.00	0.00	1.145E-15	18.70251	7.54060
EQx	582	582	0.00	0.00	-1.46738	18.64486	7.54060
EQx	583	583	0.00	0.00	-2.92572	18.47225	7.54060
EQx	584	584	0.00	0.00	-4.36601	18.18576	7.54060
EQx	585	585	0.00	0.00	-5.77939	17.78715	7.54060
EQx	586	586	0.00	0.00	-7.15714	17.27887	7.54060
EQx	587	587	0.00	0.00	-8.49076	16.66406	7.54060
EQx	588	588	0.00	0.00	-9.77204	15.94651	7.54060
EQx	589	589	0.00	0.00	-10.99306	15.13065	7.54060
EQx	590	590	0.00	0.00	-12.14631	14.22150	7.54060
EQx	591	591	0.00	0.00	-13.22467	13.22467	7.54060
EQx	592	592	0.00	0.00	-14.22150	12.14631	7.54060
EQx	593	593	0.00	0.00	-15.13065	10.99306	7.54060
EQx	594	594	0.00	0.00	-15.94651	9.77204	7.54060
EQx	595	595	0.00	0.00	-16.66406	8.49076	7.54060
EQx	596	596	0.00	0.00	-17.27887	7.15714	7.54060
EQx	597	597	0.00	0.00	-17.78715	5.77939	7.54060
EQx	598	598	0.00	0.00	-18.18576	4.36601	7.54060
EQx	599	599	0.00	0.00	-18.47225	2.92572	7.54060
EQx	600	600	0.00	0.00	-18.64486	1.46738	7.54060
EQx	601	601	0.00	0.00	-18.70251	2.290E-15	7.54060
EQx	602	602	0.00	0.00	-18.64486	-1.46738	7.54060
EQx	603	603	0.00	0.00	-18.47225	-2.92572	7.54060
EQx	604	604	0.00	0.00	-18.18576	-4.36601	7.54060
EQx	605	605	0.00	0.00	-17.78715	-5.77939	7.54060
EQx	606	606	0.00	0.00	-17.27887	-7.15714	7.54060
EQx	607	607	0.00	0.00	-16.66406	-8.49076	7.54060
EQx	608	608	0.00	0.00	-15.94651	-9.77204	7.54060
EQx	609	609	0.00	0.00	-15.13065	-10.99306	7.54060
EQx	610	610	0.00	0.00	-14.22150	-12.14631	7.54060
EQx	611	611	0.00	0.00	-13.22467	-13.22467	7.54060
EQx	612	612	0.00	0.00	-12.14631	-14.22150	7.54060
EQx	613	613	0.00	0.00	-10.99306	-15.13065	7.54060
EQx	614	614	0.00	0.00	-9.77204	-15.94651	7.54060
EQx	615	615	0.00	0.00	-8.49076	-16.66406	7.54060
EQx	616	616	0.00	0.00	-7.15714	-17.27887	7.54060
EQx	617	617	0.00	0.00	-5.77939	-17.78715	7.54060
EQx	618	618	0.00	0.00	-4.36601	-18.18576	7.54060
EQx	619	619	0.00	0.00	-2.92572	-18.47225	7.54060
EQx	620	620	0.00	0.00	-1.46738	-18.64486	7.54060
EQx	621	621	0.00	0.00	-3.435E-15	-18.70251	7.54060
EQx	622	622	0.00	0.00	1.46738	-18.64486	7.54060
EQx	623	623	0.00	0.00	2.92572	-18.47225	7.54060
EQx	624	624	0.00	0.00	4.36601	-18.18576	7.54060
EQx	625	625	0.00	0.00	5.77939	-17.78715	7.54060
EQx	626	626	0.00	0.00	7.15714	-17.27887	7.54060
EQx	627	627	0.00	0.00	8.49076	-16.66406	7.54060
EQx	628	628	0.00	0.00	9.77204	-15.94651	7.54060
EQx	629	629	0.00	0.00	10.99306	-15.13065	7.54060
EQx	630	630	0.00	0.00	12.14631	-14.22150	7.54060
EQx	631	631	0.00	0.00	13.22467	-13.22467	7.54060
EQx	632	632	0.00	0.00	14.22150	-12.14631	7.54060
EQx	633	633	0.00	0.00	15.13065	-10.99306	7.54060
EQx	634	634	0.00	0.00	15.94651	-9.77204	7.54060
EQx	635	635	0.00	0.00	16.66406	-8.49076	7.54060
EQx	636	636	0.00	0.00	17.27887	-7.15714	7.54060
EQx	637	637	0.00	0.00	17.78715	-5.77939	7.54060
EQx	638	638	0.00	0.00	18.18576	-4.36601	7.54060
EQx	639	639	0.00	0.00	18.47225	-2.92572	7.54060
EQx	640	640	0.00	0.00	18.64486	-1.46738	7.54060
EQx	641	641	0.00	0.00	16.65939	1.31112	8.29496
EQx	642	642	0.00	0.00	16.71091	0.00000	8.29496
EQx	643	643	0.00	0.00	16.50517	2.61416	8.29496
EQx	644	644	0.00	0.00	16.24918	3.90108	8.29496
EQx	645	645	0.00	0.00	15.89302	5.16395	8.29496

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EQx 646	646	0.00	0.00	15.43886	6.39499	8.29496
EQx 647	647	0.00	0.00	14.88953	7.58659	8.29496
EQx 648	648	0.00	0.00	14.24839	8.73142	8.29496
EQx 649	649	0.00	0.00	13.51941	9.82242	8.29496
EQx 650	650	0.00	0.00	12.70707	10.85287	8.29496
EQx 651	651	0.00	0.00	11.81640	11.81640	8.29496
EQx 652	652	0.00	0.00	10.85287	12.70707	8.29496
EQx 653	653	0.00	0.00	9.82242	13.51941	8.29496
EQx 654	654	0.00	0.00	8.73142	14.24839	8.29496
EQx 655	655	0.00	0.00	7.58659	14.88953	8.29496
EQx 656	656	0.00	0.00	6.39499	15.43886	8.29496
EQx 657	657	0.00	0.00	5.16395	15.89302	8.29496
EQx 658	658	0.00	0.00	3.90108	16.24918	8.29496
EQx 659	659	0.00	0.00	2.61416	16.50517	8.29496
EQx 660	660	0.00	0.00	1.31112	16.65939	8.29496
EQx 661	661	0.00	0.00	1.023E-15	16.71091	8.29496
EQx 662	662	0.00	0.00	-1.31112	16.65939	8.29496
EQx 663	663	0.00	0.00	-2.61416	16.50517	8.29496
EQx 664	664	0.00	0.00	-3.90108	16.24918	8.29496
EQx 665	665	0.00	0.00	-5.16395	15.89302	8.29496
EQx 666	666	0.00	0.00	-6.39499	15.43886	8.29496
EQx 667	667	0.00	0.00	-7.58659	14.88953	8.29496
EQx 668	668	0.00	0.00	-8.73142	14.24839	8.29496
EQx 669	669	0.00	0.00	-9.82242	13.51941	8.29496
EQx 670	670	0.00	0.00	-10.85287	12.70707	8.29496
EQx 671	671	0.00	0.00	-11.81640	11.81640	8.29496
EQx 672	672	0.00	0.00	-12.70707	10.85287	8.29496
EQx 673	673	0.00	0.00	-13.51941	9.82242	8.29496
EQx 674	674	0.00	0.00	-14.24839	8.73142	8.29496
EQx 675	675	0.00	0.00	-14.88953	7.58659	8.29496
EQx 676	676	0.00	0.00	-15.43886	6.39499	8.29496
EQx 677	677	0.00	0.00	-15.89302	5.16395	8.29496
EQx 678	678	0.00	0.00	-16.24918	3.90108	8.29496
EQx 679	679	0.00	0.00	-16.50517	2.61416	8.29496
EQx 680	680	0.00	0.00	-16.65939	1.31112	8.29496
EQx 681	681	0.00	0.00	-16.71091	2.046E-15	8.29496
EQx 682	682	0.00	0.00	-16.65939	-1.31112	8.29496
EQx 683	683	0.00	0.00	-16.50517	-2.61416	8.29496
EQx 684	684	0.00	0.00	-16.24918	-3.90108	8.29496
EQx 685	685	0.00	0.00	-15.89302	-5.16395	8.29496
EQx 686	686	0.00	0.00	-15.43886	-6.39499	8.29496
EQx 687	687	0.00	0.00	-14.88953	-7.58659	8.29496
EQx 688	688	0.00	0.00	-14.24839	-8.73142	8.29496
EQx 689	689	0.00	0.00	-13.51941	-9.82242	8.29496
EQx 690	690	0.00	0.00	-12.70707	-10.85287	8.29496
EQx 691	691	0.00	0.00	-11.81640	-11.81640	8.29496
EQx 692	692	0.00	0.00	-10.85287	-12.70707	8.29496
EQx 693	693	0.00	0.00	-9.82242	-13.51941	8.29496
EQx 694	694	0.00	0.00	-8.73142	-14.24839	8.29496
EQx 695	695	0.00	0.00	-7.58659	-14.88953	8.29496
EQx 696	696	0.00	0.00	-6.39499	-15.43886	8.29496
EQx 697	697	0.00	0.00	-5.16395	-15.89302	8.29496
EQx 698	698	0.00	0.00	-3.90108	-16.24918	8.29496
EQx 699	699	0.00	0.00	-2.61416	-16.50517	8.29496
EQx 700	700	0.00	0.00	-1.31112	-16.65939	8.29496
EQx 701	701	0.00	0.00	-3.070E-15	-16.71091	8.29496
EQx 702	702	0.00	0.00	1.31112	-16.65939	8.29496
EQx 703	703	0.00	0.00	2.61416	-16.50517	8.29496
EQx 704	704	0.00	0.00	3.90108	-16.24918	8.29496
EQx 705	705	0.00	0.00	5.16395	-15.89302	8.29496
EQx 706	706	0.00	0.00	6.39499	-15.43886	8.29496
EQx 707	707	0.00	0.00	7.58659	-14.88953	8.29496
EQx 708	708	0.00	0.00	8.73142	-14.24839	8.29496
EQx 709	709	0.00	0.00	9.82242	-13.51941	8.29496
EQx 710	710	0.00	0.00	10.85287	-12.70707	8.29496
EQx 711	711	0.00	0.00	11.81640	-11.81640	8.29496
EQx 712	712	0.00	0.00	12.70707	-10.85287	8.29496
EQx 713	713	0.00	0.00	13.51941	-9.82242	8.29496
EQx 714	714	0.00	0.00	14.24839	-8.73142	8.29496
EQx 715	715	0.00	0.00	14.88953	-7.58659	8.29496
EQx 716	716	0.00	0.00	15.43886	-6.39499	8.29496
EQx 717	717	0.00	0.00	15.89302	-5.16395	8.29496
EQx 718	718	0.00	0.00	16.24918	-3.90108	8.29496
EQx 719	719	0.00	0.00	16.50517	-2.61416	8.29496
EQx 720	720	0.00	0.00	16.65939	-1.31112	8.29496
EQx 721	721	0.00	0.00	14.64370	1.15248	8.96383
EQx 722	722	0.00	0.00	14.68898	0.00000	8.96383
EQx 723	723	0.00	0.00	14.50814	2.29786	8.96383
EQx 724	724	0.00	0.00	14.28313	3.42908	8.96383
EQx 725	725	0.00	0.00	13.97005	4.53915	8.96383

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EQx	726	726	0.00	0.00	13.57085	5.62123	8.96383
EQx	727	727	0.00	0.00	13.08798	6.66866	8.96383
EQx	728	728	0.00	0.00	12.52442	7.67497	8.96383
EQx	729	729	0.00	0.00	11.88364	8.63397	8.96383
EQx	730	730	0.00	0.00	11.16959	9.53973	8.96383
EQx	731	731	0.00	0.00	10.38668	10.38668	8.96383
EQx	732	732	0.00	0.00	9.53973	11.16959	8.96383
EQx	733	733	0.00	0.00	8.63397	11.88364	8.96383
EQx	734	734	0.00	0.00	7.67497	12.52442	8.96383
EQx	735	735	0.00	0.00	6.66866	13.08798	8.96383
EQx	736	736	0.00	0.00	5.62123	13.57085	8.96383
EQx	737	737	0.00	0.00	4.53915	13.97005	8.96383
EQx	738	738	0.00	0.00	3.42908	14.28313	8.96383
EQx	739	739	0.00	0.00	2.29786	14.50814	8.96383
EQx	740	740	0.00	0.00	1.15248	14.64370	8.96383
EQx	741	741	0.00	0.00	8.994E-16	14.68898	8.96383
EQx	742	742	0.00	0.00	-1.15248	14.64370	8.96383
EQx	743	743	0.00	0.00	-2.29786	14.50814	8.96383
EQx	744	744	0.00	0.00	-3.42908	14.28313	8.96383
EQx	745	745	0.00	0.00	-4.53915	13.97005	8.96383
EQx	746	746	0.00	0.00	-5.62123	13.57085	8.96383
EQx	747	747	0.00	0.00	-6.66866	13.08798	8.96383
EQx	748	748	0.00	0.00	-7.67497	12.52442	8.96383
EQx	749	749	0.00	0.00	-8.63397	11.88364	8.96383
EQx	750	750	0.00	0.00	-9.53973	11.16959	8.96383
EQx	751	751	0.00	0.00	-10.38668	10.38668	8.96383
EQx	752	752	0.00	0.00	-11.16959	9.53973	8.96383
EQx	753	753	0.00	0.00	-11.88364	8.63397	8.96383
EQx	754	754	0.00	0.00	-12.52442	7.67497	8.96383
EQx	755	755	0.00	0.00	-13.08798	6.66866	8.96383
EQx	756	756	0.00	0.00	-13.57085	5.62123	8.96383
EQx	757	757	0.00	0.00	-13.97005	4.53915	8.96383
EQx	758	758	0.00	0.00	-14.28313	3.42908	8.96383
EQx	759	759	0.00	0.00	-14.50814	2.29786	8.96383
EQx	760	760	0.00	0.00	-14.64370	1.15248	8.96383
EQx	761	761	0.00	0.00	-14.68898	1.799E-15	8.96383
EQx	762	762	0.00	0.00	-14.64370	-1.15248	8.96383
EQx	763	763	0.00	0.00	-14.50814	-2.29786	8.96383
EQx	764	764	0.00	0.00	-14.28313	-3.42908	8.96383
EQx	765	765	0.00	0.00	-13.97005	-4.53915	8.96383
EQx	766	766	0.00	0.00	-13.57085	-5.62123	8.96383
EQx	767	767	0.00	0.00	-13.08798	-6.66866	8.96383
EQx	768	768	0.00	0.00	-12.52442	-7.67497	8.96383
EQx	769	769	0.00	0.00	-11.88364	-8.63397	8.96383
EQx	770	770	0.00	0.00	-11.16959	-9.53973	8.96383
EQx	771	771	0.00	0.00	-10.38668	-10.38668	8.96383
EQx	772	772	0.00	0.00	-9.53973	-11.16959	8.96383
EQx	773	773	0.00	0.00	-8.63397	-11.88364	8.96383
EQx	774	774	0.00	0.00	-7.67497	-12.52442	8.96383
EQx	775	775	0.00	0.00	-6.66866	-13.08798	8.96383
EQx	776	776	0.00	0.00	-5.62123	-13.57085	8.96383
EQx	777	777	0.00	0.00	-4.53915	-13.97005	8.96383
EQx	778	778	0.00	0.00	-3.42908	-14.28313	8.96383
EQx	779	779	0.00	0.00	-2.29786	-14.50814	8.96383
EQx	780	780	0.00	0.00	-1.15248	-14.64370	8.96383
EQx	781	781	0.00	0.00	-2.698E-15	-14.68898	8.96383
EQx	782	782	0.00	0.00	1.15248	-14.64370	8.96383
EQx	783	783	0.00	0.00	2.29786	-14.50814	8.96383
EQx	784	784	0.00	0.00	3.42908	-14.28313	8.96383
EQx	785	785	0.00	0.00	4.53915	-13.97005	8.96383
EQx	786	786	0.00	0.00	5.62123	-13.57085	8.96383
EQx	787	787	0.00	0.00	6.66866	-13.08798	8.96383
EQx	788	788	0.00	0.00	7.67497	-12.52442	8.96383
EQx	789	789	0.00	0.00	8.63397	-11.88364	8.96383
EQx	790	790	0.00	0.00	9.53973	-11.16959	8.96383
EQx	791	791	0.00	0.00	10.38668	-10.38668	8.96383
EQx	792	792	0.00	0.00	11.16959	-9.53973	8.96383
EQx	793	793	0.00	0.00	11.88364	-8.63397	8.96383
EQx	794	794	0.00	0.00	12.52442	-7.67497	8.96383
EQx	795	795	0.00	0.00	13.08798	-6.66866	8.96383
EQx	796	796	0.00	0.00	13.57085	-5.62123	8.96383
EQx	797	797	0.00	0.00	13.97005	-4.53915	8.96383
EQx	798	798	0.00	0.00	14.28313	-3.42908	8.96383
EQx	799	799	0.00	0.00	14.50814	-2.29786	8.96383
EQx	800	800	0.00	0.00	14.64370	-1.15248	8.96383
EQx	801	801	0.00	0.00	12.60144	0.99176	9.54600
EQx	802	802	0.00	0.00	12.64041	0.00000	9.54600
EQx	803	803	0.00	0.00	12.48479	1.97740	9.54600
EQx	804	804	0.00	0.00	12.29115	2.95085	9.54600
EQx	805	805	0.00	0.00	12.02174	3.90610	9.54600

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EQx	806	806	0.00	0.00	11.67822	4.83728	9.54600
EQx	807	807	0.00	0.00	11.26269	5.73863	9.54600
EQx	808	808	0.00	0.00	10.77772	6.60460	9.54600
EQx	809	809	0.00	0.00	10.22631	7.42985	9.54600
EQx	810	810	0.00	0.00	9.61184	8.20929	9.54600
EQx	811	811	0.00	0.00	8.93812	8.93812	9.54600
EQx	812	812	0.00	0.00	8.20929	9.61184	9.54600
EQx	813	813	0.00	0.00	7.42985	10.22631	9.54600
EQx	814	814	0.00	0.00	6.60460	10.77772	9.54600
EQx	815	815	0.00	0.00	5.73863	11.26269	9.54600
EQx	816	816	0.00	0.00	4.83728	11.67822	9.54600
EQx	817	817	0.00	0.00	3.90610	12.02174	9.54600
EQx	818	818	0.00	0.00	2.95085	12.29115	9.54600
EQx	819	819	0.00	0.00	1.97740	12.48479	9.54600
EQx	820	820	0.00	0.00	0.99176	12.60144	9.54600
EQx	821	821	0.00	0.00	7.740E-16	12.64041	9.54600
EQx	822	822	0.00	0.00	-0.99176	12.60144	9.54600
EQx	823	823	0.00	0.00	-1.97740	12.48479	9.54600
EQx	824	824	0.00	0.00	-2.95085	12.29115	9.54600
EQx	825	825	0.00	0.00	-3.90610	12.02174	9.54600
EQx	826	826	0.00	0.00	-4.83728	11.67822	9.54600
EQx	827	827	0.00	0.00	-5.73863	11.26269	9.54600
EQx	828	828	0.00	0.00	-6.60460	10.77772	9.54600
EQx	829	829	0.00	0.00	-7.42985	10.22631	9.54600
EQx	830	830	0.00	0.00	-8.20929	9.61184	9.54600
EQx	831	831	0.00	0.00	-8.93812	8.93812	9.54600
EQx	832	832	0.00	0.00	-9.61184	8.20929	9.54600
EQx	833	833	0.00	0.00	-10.22631	7.42985	9.54600
EQx	834	834	0.00	0.00	-10.77772	6.60460	9.54600
EQx	835	835	0.00	0.00	-11.26269	5.73863	9.54600
EQx	836	836	0.00	0.00	-11.67822	4.83728	9.54600
EQx	837	837	0.00	0.00	-12.02174	3.90610	9.54600
EQx	838	838	0.00	0.00	-12.29115	2.95085	9.54600
EQx	839	839	0.00	0.00	-12.48479	1.97740	9.54600
EQx	840	840	0.00	0.00	-12.60144	0.99176	9.54600
EQx	841	841	0.00	0.00	-12.64041	1.548E-15	9.54600
EQx	842	842	0.00	0.00	-12.60144	-0.99176	9.54600
EQx	843	843	0.00	0.00	-12.48479	-1.97740	9.54600
EQx	844	844	0.00	0.00	-12.29115	-2.95085	9.54600
EQx	845	845	0.00	0.00	-12.02174	-3.90610	9.54600
EQx	846	846	0.00	0.00	-11.67822	-4.83728	9.54600
EQx	847	847	0.00	0.00	-11.26269	-5.73863	9.54600
EQx	848	848	0.00	0.00	-10.77772	-6.60460	9.54600
EQx	849	849	0.00	0.00	-10.22631	-7.42985	9.54600
EQx	850	850	0.00	0.00	-9.61184	-8.20929	9.54600
EQx	851	851	0.00	0.00	-8.93812	-8.93812	9.54600
EQx	852	852	0.00	0.00	-8.20929	-9.61184	9.54600
EQx	853	853	0.00	0.00	-7.42985	-10.22631	9.54600
EQx	854	854	0.00	0.00	-6.60460	-10.77772	9.54600
EQx	855	855	0.00	0.00	-5.73863	-11.26269	9.54600
EQx	856	856	0.00	0.00	-4.83728	-11.67822	9.54600
EQx	857	857	0.00	0.00	-3.90610	-12.02174	9.54600
EQx	858	858	0.00	0.00	-2.95085	-12.29115	9.54600
EQx	859	859	0.00	0.00	-1.97740	-12.48479	9.54600
EQx	860	860	0.00	0.00	-0.99176	-12.60144	9.54600
EQx	861	861	0.00	0.00	-2.322E-15	-12.64041	9.54600
EQx	862	862	0.00	0.00	0.99176	-12.60144	9.54600
EQx	863	863	0.00	0.00	1.97740	-12.48479	9.54600
EQx	864	864	0.00	0.00	2.95085	-12.29115	9.54600
EQx	865	865	0.00	0.00	3.90610	-12.02174	9.54600
EQx	866	866	0.00	0.00	4.83728	-11.67822	9.54600
EQx	867	867	0.00	0.00	5.73863	-11.26269	9.54600
EQx	868	868	0.00	0.00	6.60460	-10.77772	9.54600
EQx	869	869	0.00	0.00	7.42985	-10.22631	9.54600
EQx	870	870	0.00	0.00	8.20929	-9.61184	9.54600
EQx	871	871	0.00	0.00	8.93812	-8.93812	9.54600
EQx	872	872	0.00	0.00	9.61184	-8.20929	9.54600
EQx	873	873	0.00	0.00	10.22631	-7.42985	9.54600
EQx	874	874	0.00	0.00	10.77772	-6.60460	9.54600
EQx	875	875	0.00	0.00	11.26269	-5.73863	9.54600
EQx	876	876	0.00	0.00	11.67822	-4.83728	9.54600
EQx	877	877	0.00	0.00	12.02174	-3.90610	9.54600
EQx	878	878	0.00	0.00	12.29115	-2.95085	9.54600
EQx	879	879	0.00	0.00	12.48479	-1.97740	9.54600
EQx	880	880	0.00	0.00	12.60144	-0.99176	9.54600
EQx	881	881	0.00	0.00	10.53632	0.82923	10.04039
EQx	882	882	0.00	0.00	10.56891	0.00000	10.04039
EQx	883	883	0.00	0.00	10.43878	1.65334	10.04039
EQx	884	884	0.00	0.00	10.27689	2.46726	10.04039
EQx	885	885	0.00	0.00	10.05163	3.26597	10.04039

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EQx 886	886	0.00	0.00	9.76440	4.04454	10.04039
EQx 887	887	0.00	0.00	9.41696	4.79818	10.04039
EQx 888	888	0.00	0.00	9.01147	5.52224	10.04039
EQx 889	889	0.00	0.00	8.55042	6.21225	10.04039
EQx 890	890	0.00	0.00	8.03666	6.86395	10.04039
EQx 891	891	0.00	0.00	7.47334	7.47334	10.04039
EQx 892	892	0.00	0.00	6.86395	8.03666	10.04039
EQx 893	893	0.00	0.00	6.21225	8.55042	10.04039
EQx 894	894	0.00	0.00	5.52224	9.01147	10.04039
EQx 895	895	0.00	0.00	4.79818	9.41696	10.04039
EQx 896	896	0.00	0.00	4.04454	9.76440	10.04039
EQx 897	897	0.00	0.00	3.26597	10.05163	10.04039
EQx 898	898	0.00	0.00	2.46726	10.27689	10.04039
EQx 899	899	0.00	0.00	1.65334	10.43878	10.04039
EQx 900	900	0.00	0.00	0.82923	10.53632	10.04039
EQx 901	901	0.00	0.00	6.471E-16	10.56891	10.04039
EQx 902	902	0.00	0.00	-0.82923	10.53632	10.04039
EQx 903	903	0.00	0.00	-1.65334	10.43878	10.04039
EQx 904	904	0.00	0.00	-2.46726	10.27689	10.04039
EQx 905	905	0.00	0.00	-3.26597	10.05163	10.04039
EQx 906	906	0.00	0.00	-4.04454	9.76440	10.04039
EQx 907	907	0.00	0.00	-4.79818	9.41696	10.04039
EQx 908	908	0.00	0.00	-5.52224	9.01147	10.04039
EQx 909	909	0.00	0.00	-6.21225	8.55042	10.04039
EQx 910	910	0.00	0.00	-6.86395	8.03666	10.04039
EQx 911	911	0.00	0.00	-7.47334	7.47334	10.04039
EQx 912	912	0.00	0.00	-8.03666	6.86395	10.04039
EQx 913	913	0.00	0.00	-8.55042	6.21225	10.04039
EQx 914	914	0.00	0.00	-9.01147	5.52224	10.04039
EQx 915	915	0.00	0.00	-9.41696	4.79818	10.04039
EQx 916	916	0.00	0.00	-9.76440	4.04454	10.04039
EQx 917	917	0.00	0.00	-10.05163	3.26597	10.04039
EQx 918	918	0.00	0.00	-10.27689	2.46726	10.04039
EQx 919	919	0.00	0.00	-10.43878	1.65334	10.04039
EQx 920	920	0.00	0.00	-10.53632	0.82923	10.04039
EQx 921	921	0.00	0.00	-10.56891	1.294E-15	10.04039
EQx 922	922	0.00	0.00	-10.53632	-0.82923	10.04039
EQx 923	923	0.00	0.00	-10.43878	-1.65334	10.04039
EQx 924	924	0.00	0.00	-10.27689	-2.46726	10.04039
EQx 925	925	0.00	0.00	-10.05163	-3.26597	10.04039
EQx 926	926	0.00	0.00	-9.76440	-4.04454	10.04039
EQx 927	927	0.00	0.00	-9.41696	-4.79818	10.04039
EQx 928	928	0.00	0.00	-9.01147	-5.52224	10.04039
EQx 929	929	0.00	0.00	-8.55042	-6.21225	10.04039
EQx 930	930	0.00	0.00	-8.03666	-6.86395	10.04039
EQx 931	931	0.00	0.00	-7.47334	-7.47334	10.04039
EQx 932	932	0.00	0.00	-6.86395	-8.03666	10.04039
EQx 933	933	0.00	0.00	-6.21225	-8.55042	10.04039
EQx 934	934	0.00	0.00	-5.52224	-9.01147	10.04039
EQx 935	935	0.00	0.00	-4.79818	-9.41696	10.04039
EQx 936	936	0.00	0.00	-4.04454	-9.76440	10.04039
EQx 937	937	0.00	0.00	-3.26597	-10.05163	10.04039
EQx 938	938	0.00	0.00	-2.46726	-10.27689	10.04039
EQx 939	939	0.00	0.00	-1.65334	-10.43878	10.04039
EQx 940	940	0.00	0.00	-0.82923	-10.53632	10.04039
EQx 941	941	0.00	0.00	-1.941E-15	-10.56891	10.04039
EQx 942	942	0.00	0.00	0.82923	-10.53632	10.04039
EQx 943	943	0.00	0.00	1.65334	-10.43878	10.04039
EQx 944	944	0.00	0.00	2.46726	-10.27689	10.04039
EQx 945	945	0.00	0.00	3.26597	-10.05163	10.04039
EQx 946	946	0.00	0.00	4.04454	-9.76440	10.04039
EQx 947	947	0.00	0.00	4.79818	-9.41696	10.04039
EQx 948	948	0.00	0.00	5.52224	-9.01147	10.04039
EQx 949	949	0.00	0.00	6.21225	-8.55042	10.04039
EQx 950	950	0.00	0.00	6.86395	-8.03666	10.04039
EQx 951	951	0.00	0.00	7.47334	-7.47334	10.04039
EQx 952	952	0.00	0.00	8.03666	-6.86395	10.04039
EQx 953	953	0.00	0.00	8.55042	-6.21225	10.04039
EQx 954	954	0.00	0.00	9.01147	-5.52224	10.04039
EQx 955	955	0.00	0.00	9.41696	-4.79818	10.04039
EQx 956	956	0.00	0.00	9.76440	-4.04454	10.04039
EQx 957	957	0.00	0.00	10.05163	-3.26597	10.04039
EQx 958	958	0.00	0.00	10.27689	-2.46726	10.04039
EQx 959	959	0.00	0.00	10.43878	-1.65334	10.04039
EQx 960	960	0.00	0.00	10.53632	-0.82923	10.04039
EQx 961	961	0.00	0.00	8.45209	0.66519	10.44613
EQx 962	962	0.00	0.00	8.47823	0.00000	10.44613
EQx 963	963	0.00	0.00	8.37384	1.32629	10.44613
EQx 964	964	0.00	0.00	8.24397	1.97920	10.44613
EQx 965	965	0.00	0.00	8.06327	2.61992	10.44613

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EQx 966	966	0.00	0.00	7.83286	3.24448	10.44613
EQx 967	967	0.00	0.00	7.55415	3.84903	10.44613
EQx 968	968	0.00	0.00	7.22888	4.42986	10.44613
EQx 969	969	0.00	0.00	6.85903	4.98338	10.44613
EQx 970	970	0.00	0.00	6.44689	5.50617	10.44613
EQx 971	971	0.00	0.00	5.99501	5.99501	10.44613
EQx 972	972	0.00	0.00	5.50617	6.44689	10.44613
EQx 973	973	0.00	0.00	4.98338	6.85903	10.44613
EQx 974	974	0.00	0.00	4.42986	7.22888	10.44613
EQx 975	975	0.00	0.00	3.84903	7.55415	10.44613
EQx 976	976	0.00	0.00	3.24448	7.83286	10.44613
EQx 977	977	0.00	0.00	2.61992	8.06327	10.44613
EQx 978	978	0.00	0.00	1.97920	8.24397	10.44613
EQx 979	979	0.00	0.00	1.32629	8.37384	10.44613
EQx 980	980	0.00	0.00	0.66519	8.45209	10.44613
EQx 981	981	0.00	0.00	5.191E-16	8.47823	10.44613
EQx 982	982	0.00	0.00	-0.66519	8.45209	10.44613
EQx 983	983	0.00	0.00	-1.32629	8.37384	10.44613
EQx 984	984	0.00	0.00	-1.97920	8.24397	10.44613
EQx 985	985	0.00	0.00	-2.61992	8.06327	10.44613
EQx 986	986	0.00	0.00	-3.24448	7.83286	10.44613
EQx 987	987	0.00	0.00	-3.84903	7.55415	10.44613
EQx 988	988	0.00	0.00	-4.42986	7.22888	10.44613
EQx 989	989	0.00	0.00	-4.98338	6.85903	10.44613
EQx 990	990	0.00	0.00	-5.50617	6.44689	10.44613
EQx 991	991	0.00	0.00	-5.99501	5.99501	10.44613
EQx 992	992	0.00	0.00	-6.44689	5.50617	10.44613
EQx 993	993	0.00	0.00	-6.85903	4.98338	10.44613
EQx 994	994	0.00	0.00	-7.22888	4.42986	10.44613
EQx 995	995	0.00	0.00	-7.55415	3.84903	10.44613
EQx 996	996	0.00	0.00	-7.83286	3.24448	10.44613
EQx 997	997	0.00	0.00	-8.06327	2.61992	10.44613
EQx 998	998	0.00	0.00	-8.24397	1.97920	10.44613
EQx 999	999	0.00	0.00	-8.37384	1.32629	10.44613
EQx 1000	1000	0.00	0.00	-8.45209	0.66519	10.44613
EQx 1001	1001	0.00	0.00	-8.47823	1.038E-15	10.44613
EQx 1002	1002	0.00	0.00	-8.45209	-0.66519	10.44613
EQx 1003	1003	0.00	0.00	-8.37384	-1.32629	10.44613
EQx 1004	1004	0.00	0.00	-8.24397	-1.97920	10.44613
EQx 1005	1005	0.00	0.00	-8.06327	-2.61992	10.44613
EQx 1006	1006	0.00	0.00	-7.83286	-3.24448	10.44613
EQx 1007	1007	0.00	0.00	-7.55415	-3.84903	10.44613
EQx 1008	1008	0.00	0.00	-7.22888	-4.42986	10.44613
EQx 1009	1009	0.00	0.00	-6.85903	-4.98338	10.44613
EQx 1010	1010	0.00	0.00	-6.44689	-5.50617	10.44613
EQx 1011	1011	0.00	0.00	-5.99501	-5.99501	10.44613
EQx 1012	1012	0.00	0.00	-5.50617	-6.44689	10.44613
EQx 1013	1013	0.00	0.00	-4.98338	-6.85903	10.44613
EQx 1014	1014	0.00	0.00	-4.42986	-7.22888	10.44613
EQx 1015	1015	0.00	0.00	-3.84903	-7.55415	10.44613
EQx 1016	1016	0.00	0.00	-3.24448	-7.83286	10.44613
EQx 1017	1017	0.00	0.00	-2.61992	-8.06327	10.44613
EQx 1018	1018	0.00	0.00	-1.97920	-8.24397	10.44613
EQx 1019	1019	0.00	0.00	-1.32629	-8.37384	10.44613
EQx 1020	1020	0.00	0.00	-0.66519	-8.45209	10.44613
EQx 1021	1021	0.00	0.00	-1.557E-15	-8.47823	10.44613
EQx 1022	1022	0.00	0.00	0.66519	-8.45209	10.44613
EQx 1023	1023	0.00	0.00	1.32629	-8.37384	10.44613
EQx 1024	1024	0.00	0.00	1.97920	-8.24397	10.44613
EQx 1025	1025	0.00	0.00	2.61992	-8.06327	10.44613
EQx 1026	1026	0.00	0.00	3.24448	-7.83286	10.44613
EQx 1027	1027	0.00	0.00	3.84903	-7.55415	10.44613
EQx 1028	1028	0.00	0.00	4.42986	-7.22888	10.44613
EQx 1029	1029	0.00	0.00	4.98338	-6.85903	10.44613
EQx 1030	1030	0.00	0.00	5.50617	-6.44689	10.44613
EQx 1031	1031	0.00	0.00	5.99501	-5.99501	10.44613
EQx 1032	1032	0.00	0.00	6.44689	-5.50617	10.44613
EQx 1033	1033	0.00	0.00	6.85903	-4.98338	10.44613
EQx 1034	1034	0.00	0.00	7.22888	-4.42986	10.44613
EQx 1035	1035	0.00	0.00	7.55415	-3.84903	10.44613
EQx 1036	1036	0.00	0.00	7.83286	-3.24448	10.44613
EQx 1037	1037	0.00	0.00	8.06327	-2.61992	10.44613
EQx 1038	1038	0.00	0.00	8.24397	-1.97920	10.44613
EQx 1039	1039	0.00	0.00	8.37384	-1.32629	10.44613
EQx 1040	1040	0.00	0.00	8.45209	-0.66519	10.44613
EQx 1041	1041	0.00	0.00	6.35252	0.49995	10.76247
EQx 1042	1042	0.00	0.00	6.37216	0.00000	10.76247
EQx 1043	1043	0.00	0.00	6.29371	0.99683	10.76247
EQx 1044	1044	0.00	0.00	6.19610	1.48755	10.76247
EQx 1045	1045	0.00	0.00	6.06029	1.96911	10.76247

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EQx	1046	1046	0.00	0.00	5.88711	2.43852	10.76247
EQx	1047	1047	0.00	0.00	5.67764	2.89290	10.76247
EQx	1048	1048	0.00	0.00	5.43316	3.32945	10.76247
EQx	1049	1049	0.00	0.00	5.15519	3.74546	10.76247
EQx	1050	1050	0.00	0.00	4.84543	4.13839	10.76247
EQx	1051	1051	0.00	0.00	4.50580	4.50580	10.76247
EQx	1052	1052	0.00	0.00	4.13839	4.84543	10.76247
EQx	1053	1053	0.00	0.00	3.74546	5.15519	10.76247
EQx	1054	1054	0.00	0.00	3.32945	5.43316	10.76247
EQx	1055	1055	0.00	0.00	2.89290	5.67764	10.76247
EQx	1056	1056	0.00	0.00	2.43852	5.88711	10.76247
EQx	1057	1057	0.00	0.00	1.96911	6.06029	10.76247
EQx	1058	1058	0.00	0.00	1.48755	6.19610	10.76247
EQx	1059	1059	0.00	0.00	0.99683	6.29371	10.76247
EQx	1060	1060	0.00	0.00	0.49995	6.35252	10.76247
EQx	1061	1061	0.00	0.00	3.902E-16	6.37216	10.76247
EQx	1062	1062	0.00	0.00	-0.49995	6.35252	10.76247
EQx	1063	1063	0.00	0.00	-0.99683	6.29371	10.76247
EQx	1064	1064	0.00	0.00	-1.48755	6.19610	10.76247
EQx	1065	1065	0.00	0.00	-1.96911	6.06029	10.76247
EQx	1066	1066	0.00	0.00	-2.43852	5.88711	10.76247
EQx	1067	1067	0.00	0.00	-2.89290	5.67764	10.76247
EQx	1068	1068	0.00	0.00	-3.32945	5.43316	10.76247
EQx	1069	1069	0.00	0.00	-3.74546	5.15519	10.76247
EQx	1070	1070	0.00	0.00	-4.13839	4.84543	10.76247
EQx	1071	1071	0.00	0.00	-4.50580	4.50580	10.76247
EQx	1072	1072	0.00	0.00	-4.84543	4.13839	10.76247
EQx	1073	1073	0.00	0.00	-5.15519	3.74546	10.76247
EQx	1074	1074	0.00	0.00	-5.43316	3.32945	10.76247
EQx	1075	1075	0.00	0.00	-5.67764	2.89290	10.76247
EQx	1076	1076	0.00	0.00	-5.88711	2.43852	10.76247
EQx	1077	1077	0.00	0.00	-6.06029	1.96911	10.76247
EQx	1078	1078	0.00	0.00	-6.19610	1.48755	10.76247
EQx	1079	1079	0.00	0.00	-6.29371	0.99683	10.76247
EQx	1080	1080	0.00	0.00	-6.35252	0.49995	10.76247
EQx	1081	1081	0.00	0.00	-6.37216	7.803E-16	10.76247
EQx	1082	1082	0.00	0.00	-6.35252	-0.49995	10.76247
EQx	1083	1083	0.00	0.00	-6.29371	-0.99683	10.76247
EQx	1084	1084	0.00	0.00	-6.19610	-1.48755	10.76247
EQx	1085	1085	0.00	0.00	-6.06029	-1.96911	10.76247
EQx	1086	1086	0.00	0.00	-5.88711	-2.43852	10.76247
EQx	1087	1087	0.00	0.00	-5.67764	-2.89290	10.76247
EQx	1088	1088	0.00	0.00	-5.43316	-3.32945	10.76247
EQx	1089	1089	0.00	0.00	-5.15519	-3.74546	10.76247
EQx	1090	1090	0.00	0.00	-4.84543	-4.13839	10.76247
EQx	1091	1091	0.00	0.00	-4.50580	-4.50580	10.76247
EQx	1092	1092	0.00	0.00	-4.13839	-4.84543	10.76247
EQx	1093	1093	0.00	0.00	-3.74546	-5.15519	10.76247
EQx	1094	1094	0.00	0.00	-3.32945	-5.43316	10.76247
EQx	1095	1095	0.00	0.00	-2.89290	-5.67764	10.76247
EQx	1096	1096	0.00	0.00	-2.43852	-5.88711	10.76247
EQx	1097	1097	0.00	0.00	-1.96911	-6.06029	10.76247
EQx	1098	1098	0.00	0.00	-1.48755	-6.19610	10.76247
EQx	1099	1099	0.00	0.00	-0.99683	-6.29371	10.76247
EQx	1100	1100	0.00	0.00	-0.49995	-6.35252	10.76247
EQx	1101	1101	0.00	0.00	-1.171E-15	-6.37216	10.76247
EQx	1102	1102	0.00	0.00	0.49995	-6.35252	10.76247
EQx	1103	1103	0.00	0.00	0.99683	-6.29371	10.76247
EQx	1104	1104	0.00	0.00	1.48755	-6.19610	10.76247
EQx	1105	1105	0.00	0.00	1.96911	-6.06029	10.76247
EQx	1106	1106	0.00	0.00	2.43852	-5.88711	10.76247
EQx	1107	1107	0.00	0.00	2.89290	-5.67764	10.76247
EQx	1108	1108	0.00	0.00	3.32945	-5.43316	10.76247
EQx	1109	1109	0.00	0.00	3.74546	-5.15519	10.76247
EQx	1110	1110	0.00	0.00	4.13839	-4.84543	10.76247
EQx	1111	1111	0.00	0.00	4.50580	-4.50580	10.76247
EQx	1112	1112	0.00	0.00	4.84543	-4.13839	10.76247
EQx	1113	1113	0.00	0.00	5.15519	-3.74546	10.76247
EQx	1114	1114	0.00	0.00	5.43316	-3.32945	10.76247
EQx	1115	1115	0.00	0.00	5.67764	-2.89290	10.76247
EQx	1116	1116	0.00	0.00	5.88711	-2.43852	10.76247
EQx	1117	1117	0.00	0.00	6.06029	-1.96911	10.76247
EQx	1118	1118	0.00	0.00	6.19610	-1.48755	10.76247
EQx	1119	1119	0.00	0.00	6.29371	-0.99683	10.76247
EQx	1120	1120	0.00	0.00	6.35252	-0.49995	10.76247
EQx	1121	1121	0.00	0.00	4.24143	0.33381	10.98884
EQx	1122	1122	0.00	0.00	4.25454	0.00000	10.98884
EQx	1123	1123	0.00	0.00	4.20216	0.66556	10.98884
EQx	1124	1124	0.00	0.00	4.13699	0.99320	10.98884
EQx	1125	1125	0.00	0.00	4.04631	1.31473	10.98884

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EQx	1126	1126	0.00	0.00	3.93069	1.62814	10.98884
EQx	1127	1127	0.00	0.00	3.79083	1.93152	10.98884
EQx	1128	1128	0.00	0.00	3.62759	2.22299	10.98884
EQx	1129	1129	0.00	0.00	3.44200	2.50076	10.98884
EQx	1130	1130	0.00	0.00	3.23518	2.76310	10.98884
EQx	1131	1131	0.00	0.00	3.00842	3.00842	10.98884
EQx	1132	1132	0.00	0.00	2.76310	3.23518	10.98884
EQx	1133	1133	0.00	0.00	2.50076	3.44200	10.98884
EQx	1134	1134	0.00	0.00	2.22299	3.62759	10.98884
EQx	1135	1135	0.00	0.00	1.93152	3.79083	10.98884
EQx	1136	1136	0.00	0.00	1.62814	3.93069	10.98884
EQx	1137	1137	0.00	0.00	1.31473	4.04631	10.98884
EQx	1138	1138	0.00	0.00	0.99320	4.13699	10.98884
EQx	1139	1139	0.00	0.00	0.66556	4.20216	10.98884
EQx	1140	1140	0.00	0.00	0.33381	4.24143	10.98884
EQx	1141	1141	0.00	0.00	2.605E-16	4.25454	10.98884
EQx	1142	1142	0.00	0.00	-0.33381	4.24143	10.98884
EQx	1143	1143	0.00	0.00	-0.66556	4.20216	10.98884
EQx	1144	1144	0.00	0.00	-0.99320	4.13699	10.98884
EQx	1145	1145	0.00	0.00	-1.31473	4.04631	10.98884
EQx	1146	1146	0.00	0.00	-1.62814	3.93069	10.98884
EQx	1147	1147	0.00	0.00	-1.93152	3.79083	10.98884
EQx	1148	1148	0.00	0.00	-2.22299	3.62759	10.98884
EQx	1149	1149	0.00	0.00	-2.50076	3.44200	10.98884
EQx	1150	1150	0.00	0.00	-2.76310	3.23518	10.98884
EQx	1151	1151	0.00	0.00	-3.00842	3.00842	10.98884
EQx	1152	1152	0.00	0.00	-3.23518	2.76310	10.98884
EQx	1153	1153	0.00	0.00	-3.44200	2.50076	10.98884
EQx	1154	1154	0.00	0.00	-3.62759	2.22299	10.98884
EQx	1155	1155	0.00	0.00	-3.79083	1.93152	10.98884
EQx	1156	1156	0.00	0.00	-3.93069	1.62814	10.98884
EQx	1157	1157	0.00	0.00	-4.04631	1.31473	10.98884
EQx	1158	1158	0.00	0.00	-4.13699	0.99320	10.98884
EQx	1159	1159	0.00	0.00	-4.20216	0.66556	10.98884
EQx	1160	1160	0.00	0.00	-4.24143	0.33381	10.98884
EQx	1161	1161	0.00	0.00	-4.25454	5.210E-16	10.98884
EQx	1162	1162	0.00	0.00	-4.24143	-0.33381	10.98884
EQx	1163	1163	0.00	0.00	-4.20216	-0.66556	10.98884
EQx	1164	1164	0.00	0.00	-4.13699	-0.99320	10.98884
EQx	1165	1165	0.00	0.00	-4.04631	-1.31473	10.98884
EQx	1166	1166	0.00	0.00	-3.93069	-1.62814	10.98884
EQx	1167	1167	0.00	0.00	-3.79083	-1.93152	10.98884
EQx	1168	1168	0.00	0.00	-3.62759	-2.22299	10.98884
EQx	1169	1169	0.00	0.00	-3.44200	-2.50076	10.98884
EQx	1170	1170	0.00	0.00	-3.23518	-2.76310	10.98884
EQx	1171	1171	0.00	0.00	-3.00842	-3.00842	10.98884
EQx	1172	1172	0.00	0.00	-2.76310	-3.23518	10.98884
EQx	1173	1173	0.00	0.00	-2.50076	-3.44200	10.98884
EQx	1174	1174	0.00	0.00	-2.22299	-3.62759	10.98884
EQx	1175	1175	0.00	0.00	-1.93152	-3.79083	10.98884
EQx	1176	1176	0.00	0.00	-1.62814	-3.93069	10.98884
EQx	1177	1177	0.00	0.00	-1.31473	-4.04631	10.98884
EQx	1178	1178	0.00	0.00	-0.99320	-4.13699	10.98884
EQx	1179	1179	0.00	0.00	-0.66556	-4.20216	10.98884
EQx	1180	1180	0.00	0.00	-0.33381	-4.24143	10.98884
EQx	1181	1181	0.00	0.00	-7.815E-16	-4.25454	10.98884
EQx	1182	1182	0.00	0.00	0.33381	-4.24143	10.98884
EQx	1183	1183	0.00	0.00	0.66556	-4.20216	10.98884
EQx	1184	1184	0.00	0.00	0.99320	-4.13699	10.98884
EQx	1185	1185	0.00	0.00	1.31473	-4.04631	10.98884
EQx	1186	1186	0.00	0.00	1.62814	-3.93069	10.98884
EQx	1187	1187	0.00	0.00	1.93152	-3.79083	10.98884
EQx	1188	1188	0.00	0.00	2.22299	-3.62759	10.98884
EQx	1189	1189	0.00	0.00	2.50076	-3.44200	10.98884
EQx	1190	1190	0.00	0.00	2.76310	-3.23518	10.98884
EQx	1191	1191	0.00	0.00	3.00842	-3.00842	10.98884
EQx	1192	1192	0.00	0.00	3.23518	-2.76310	10.98884
EQx	1193	1193	0.00	0.00	3.44200	-2.50076	10.98884
EQx	1194	1194	0.00	0.00	3.62759	-2.22299	10.98884
EQx	1195	1195	0.00	0.00	3.79083	-1.93152	10.98884
EQx	1196	1196	0.00	0.00	3.93069	-1.62814	10.98884
EQx	1197	1197	0.00	0.00	4.04631	-1.31473	10.98884
EQx	1198	1198	0.00	0.00	4.13699	-0.99320	10.98884
EQx	1199	1199	0.00	0.00	4.20216	-0.66556	10.98884
EQx	1200	1200	0.00	0.00	4.24143	-0.33381	10.98884
EQx	1201	1201	0.00	0.00	2.12264	0.16706	11.12482
EQx	1202	1202	0.00	0.00	2.12920	0.00000	11.12482
EQx	1203	1203	0.00	0.00	2.10299	0.33308	11.12482
EQx	1204	1204	0.00	0.00	2.07037	0.49705	11.12482
EQx	1205	1205	0.00	0.00	2.02499	0.65796	11.12482

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EQx	1206	1206	0.00	0.00	1.96713	0.81481	11.12482
EQx	1207	1207	0.00	0.00	1.89713	0.96664	11.12482
EQx	1208	1208	0.00	0.00	1.81544	1.11251	11.12482
EQx	1209	1209	0.00	0.00	1.72256	1.25151	11.12482
EQx	1210	1210	0.00	0.00	1.61906	1.38281	11.12482
EQx	1211	1211	0.00	0.00	1.50557	1.50557	11.12482
EQx	1212	1212	0.00	0.00	1.38281	1.61906	11.12482
EQx	1213	1213	0.00	0.00	1.25151	1.72256	11.12482
EQx	1214	1214	0.00	0.00	1.11251	1.81544	11.12482
EQx	1215	1215	0.00	0.00	0.96664	1.89713	11.12482
EQx	1216	1216	0.00	0.00	0.81481	1.96713	11.12482
EQx	1217	1217	0.00	0.00	0.65796	2.02499	11.12482
EQx	1218	1218	0.00	0.00	0.49705	2.07037	11.12482
EQx	1219	1219	0.00	0.00	0.33308	2.10299	11.12482
EQx	1220	1220	0.00	0.00	0.16706	2.12264	11.12482
EQx	1221	1221	0.00	0.00	1.304E-16	2.12920	11.12482
EQx	1222	1222	0.00	0.00	-0.16706	2.12264	11.12482
EQx	1223	1223	0.00	0.00	-0.33308	2.10299	11.12482
EQx	1224	1224	0.00	0.00	-0.49705	2.07037	11.12482
EQx	1225	1225	0.00	0.00	-0.65796	2.02499	11.12482
EQx	1226	1226	0.00	0.00	-0.81481	1.96713	11.12482
EQx	1227	1227	0.00	0.00	-0.96664	1.89713	11.12482
EQx	1228	1228	0.00	0.00	-1.11251	1.81544	11.12482
EQx	1229	1229	0.00	0.00	-1.25151	1.72256	11.12482
EQx	1230	1230	0.00	0.00	-1.38281	1.61906	11.12482
EQx	1231	1231	0.00	0.00	-1.50557	1.50557	11.12482
EQx	1232	1232	0.00	0.00	-1.61906	1.38281	11.12482
EQx	1233	1233	0.00	0.00	-1.72256	1.25151	11.12482
EQx	1234	1234	0.00	0.00	-1.81544	1.11251	11.12482
EQx	1235	1235	0.00	0.00	-1.89713	0.96664	11.12482
EQx	1236	1236	0.00	0.00	-1.96713	0.81481	11.12482
EQx	1237	1237	0.00	0.00	-2.02499	0.65796	11.12482
EQx	1238	1238	0.00	0.00	-2.07037	0.49705	11.12482
EQx	1239	1239	0.00	0.00	-2.10299	0.33308	11.12482
EQx	1240	1240	0.00	0.00	-2.12264	0.16706	11.12482
EQx	1241	1241	0.00	0.00	-2.12920	2.607E-16	11.12482
EQx	1242	1242	0.00	0.00	-2.12264	-0.16706	11.12482
EQx	1243	1243	0.00	0.00	-2.10299	-0.33308	11.12482
EQx	1244	1244	0.00	0.00	-2.07037	-0.49705	11.12482
EQx	1245	1245	0.00	0.00	-2.02499	-0.65796	11.12482
EQx	1246	1246	0.00	0.00	-1.96713	-0.81481	11.12482
EQx	1247	1247	0.00	0.00	-1.89713	-0.96664	11.12482
EQx	1248	1248	0.00	0.00	-1.81544	-1.11251	11.12482
EQx	1249	1249	0.00	0.00	-1.72256	-1.25151	11.12482
EQx	1250	1250	0.00	0.00	-1.61906	-1.38281	11.12482
EQx	1251	1251	0.00	0.00	-1.50557	-1.50557	11.12482
EQx	1252	1252	0.00	0.00	-1.38281	-1.61906	11.12482
EQx	1253	1253	0.00	0.00	-1.25151	-1.72256	11.12482
EQx	1254	1254	0.00	0.00	-1.11251	-1.81544	11.12482
EQx	1255	1255	0.00	0.00	-0.96664	-1.89713	11.12482
EQx	1256	1256	0.00	0.00	-0.81481	-1.96713	11.12482
EQx	1257	1257	0.00	0.00	-0.65796	-2.02499	11.12482
EQx	1258	1258	0.00	0.00	-0.49705	-2.07037	11.12482
EQx	1259	1259	0.00	0.00	-0.33308	-2.10299	11.12482
EQx	1260	1260	0.00	0.00	-0.16706	-2.12264	11.12482
EQx	1261	1261	0.00	0.00	-3.911E-16	-2.12920	11.12482
EQx	1262	1262	0.00	0.00	0.16706	-2.12264	11.12482
EQx	1263	1263	0.00	0.00	0.33308	-2.10299	11.12482
EQx	1264	1264	0.00	0.00	0.49705	-2.07037	11.12482
EQx	1265	1265	0.00	0.00	0.65796	-2.02499	11.12482
EQx	1266	1266	0.00	0.00	0.81481	-1.96713	11.12482
EQx	1267	1267	0.00	0.00	0.96664	-1.89713	11.12482
EQx	1268	1268	0.00	0.00	1.11251	-1.81544	11.12482
EQx	1269	1269	0.00	0.00	1.25151	-1.72256	11.12482
EQx	1270	1270	0.00	0.00	1.38281	-1.61906	11.12482
EQx	1271	1271	0.00	0.00	1.50557	-1.50557	11.12482
EQx	1272	1272	0.00	0.00	1.61906	-1.38281	11.12482
EQx	1273	1273	0.00	0.00	1.72256	-1.25151	11.12482
EQx	1274	1274	0.00	0.00	1.81544	-1.11251	11.12482
EQx	1275	1275	0.00	0.00	1.89713	-0.96664	11.12482
EQx	1276	1276	0.00	0.00	1.96713	-0.81481	11.12482
EQx	1277	1277	0.00	0.00	2.02499	-0.65796	11.12482
EQx	1278	1278	0.00	0.00	2.07037	-0.49705	11.12482
EQx	1279	1279	0.00	0.00	2.10299	-0.33308	11.12482
EQx	1280	1280	0.00	0.00	2.12264	-0.16706	11.12482
EQy	3	3	0.00	0.00	29.72589	2.33948	1.30617
EQy	4	4	0.00	0.00	29.81781	0.00000	1.30617
EQy	6	6	0.00	0.00	29.45070	4.66453	1.30617
EQy	8	8	0.00	0.00	28.99394	6.96083	1.30617
EQy	10	10	0.00	0.00	28.35842	9.21421	1.30617



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EQy	12	12	0.00	0.00	27.54807	11.41078	1.30617
EQy	14	14	0.00	0.00	26.56786	13.53700	1.30617
EQy	16	16	0.00	0.00	25.42386	15.57976	1.30617
EQy	18	18	0.00	0.00	24.12312	17.52647	1.30617
EQy	20	20	0.00	0.00	22.67364	19.36512	1.30617
EQy	22	22	0.00	0.00	21.08438	21.08438	1.30617
EQy	24	24	0.00	0.00	19.36512	22.67364	1.30617
EQy	26	26	0.00	0.00	17.52647	24.12312	1.30617
EQy	28	28	0.00	0.00	15.57976	25.42386	1.30617
EQy	30	30	0.00	0.00	13.53700	26.56786	1.30617
EQy	32	32	0.00	0.00	11.41078	27.54807	1.30617
EQy	34	34	0.00	0.00	9.21421	28.35842	1.30617
EQy	36	36	0.00	0.00	6.96083	28.99394	1.30617
EQy	38	38	0.00	0.00	4.66453	29.45070	1.30617
EQy	40	40	0.00	0.00	2.33948	29.72589	1.30617
EQy	42	42	0.00	0.00	1.826E-15	29.81781	1.30617
EQy	44	44	0.00	0.00	-2.33948	29.72589	1.30617
EQy	46	46	0.00	0.00	-4.66453	29.45070	1.30617
EQy	48	48	0.00	0.00	-6.96083	28.99394	1.30617
EQy	50	50	0.00	0.00	-9.21421	28.35842	1.30617
EQy	52	52	0.00	0.00	-11.41078	27.54807	1.30617
EQy	54	54	0.00	0.00	-13.53700	26.56786	1.30617
EQy	56	56	0.00	0.00	-15.57976	25.42386	1.30617
EQy	58	58	0.00	0.00	-17.52647	24.12312	1.30617
EQy	60	60	0.00	0.00	-19.36512	22.67364	1.30617
EQy	62	62	0.00	0.00	-21.08438	21.08438	1.30617
EQy	64	64	0.00	0.00	-22.67364	19.36512	1.30617
EQy	66	66	0.00	0.00	-24.12312	17.52647	1.30617
EQy	68	68	0.00	0.00	-25.42386	15.57976	1.30617
EQy	70	70	0.00	0.00	-26.56786	13.53700	1.30617
EQy	72	72	0.00	0.00	-27.54807	11.41078	1.30617
EQy	74	74	0.00	0.00	-28.35842	9.21421	1.30617
EQy	76	76	0.00	0.00	-28.99394	6.96083	1.30617
EQy	78	78	0.00	0.00	-29.45070	4.66453	1.30617
EQy	80	80	0.00	0.00	-29.72589	2.33948	1.30617
EQy	82	82	0.00	0.00	-29.81781	3.652E-15	1.30617
EQy	84	84	0.00	0.00	-29.72589	-2.33948	1.30617
EQy	86	86	0.00	0.00	-29.45070	-4.66453	1.30617
EQy	88	88	0.00	0.00	-28.99394	-6.96083	1.30617
EQy	90	90	0.00	0.00	-28.35842	-9.21421	1.30617
EQy	92	92	0.00	0.00	-27.54807	-11.41078	1.30617
EQy	94	94	0.00	0.00	-26.56786	-13.53700	1.30617
EQy	96	96	0.00	0.00	-25.42386	-15.57976	1.30617
EQy	98	98	0.00	0.00	-24.12312	-17.52647	1.30617
EQy	100	100	0.00	0.00	-22.67364	-19.36512	1.30617
EQy	102	102	0.00	0.00	-21.08438	-21.08438	1.30617
EQy	104	104	0.00	0.00	-19.36512	-22.67364	1.30617
EQy	106	106	0.00	0.00	-17.52647	-24.12312	1.30617
EQy	108	108	0.00	0.00	-15.57976	-25.42386	1.30617
EQy	110	110	0.00	0.00	-13.53700	-26.56786	1.30617
EQy	112	112	0.00	0.00	-11.41078	-27.54807	1.30617
EQy	114	114	0.00	0.00	-9.21421	-28.35842	1.30617
EQy	116	116	0.00	0.00	-6.96083	-28.99394	1.30617
EQy	118	118	0.00	0.00	-4.66453	-29.45070	1.30617
EQy	120	120	0.00	0.00	-2.33948	-29.72589	1.30617
EQy	122	122	0.00	0.00	-5.477E-15	-29.81781	1.30617
EQy	124	124	0.00	0.00	2.33948	-29.72589	1.30617
EQy	126	126	0.00	0.00	4.66453	-29.45070	1.30617
EQy	128	128	0.00	0.00	6.96083	-28.99394	1.30617
EQy	130	130	0.00	0.00	9.21421	-28.35842	1.30617
EQy	132	132	0.00	0.00	11.41078	-27.54807	1.30617
EQy	134	134	0.00	0.00	13.53700	-26.56786	1.30617
EQy	136	136	0.00	0.00	15.57976	-25.42386	1.30617
EQy	138	138	0.00	0.00	17.52647	-24.12312	1.30617
EQy	140	140	0.00	0.00	19.36512	-22.67364	1.30617
EQy	142	142	0.00	0.00	21.08438	-21.08438	1.30617
EQy	144	144	0.00	0.00	22.67364	-19.36512	1.30617
EQy	146	146	0.00	0.00	24.12312	-17.52647	1.30617
EQy	148	148	0.00	0.00	25.42386	-15.57976	1.30617
EQy	150	150	0.00	0.00	26.56786	-13.53700	1.30617
EQy	152	152	0.00	0.00	27.54807	-11.41078	1.30617
EQy	154	154	0.00	0.00	28.35842	-9.21421	1.30617
EQy	156	156	0.00	0.00	28.99394	-6.96083	1.30617
EQy	158	158	0.00	0.00	29.45070	-4.66453	1.30617
EQy	160	160	0.00	0.00	29.72589	-2.33948	1.30617
EQy	161	161	0.00	0.00	27.99504	2.20326	2.53953
EQy	162	162	0.00	0.00	28.08161	0.00000	2.53953
EQy	163	163	0.00	0.00	27.73588	4.39293	2.53953
EQy	164	164	0.00	0.00	27.30571	6.55552	2.53953
EQy	165	165	0.00	0.00	26.70720	8.67769	2.53953

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EQy	166	166	0.00	0.00	25.94402	10.74637	2.53953
EQy	167	167	0.00	0.00	25.02090	12.74878	2.53953
EQy	168	168	0.00	0.00	23.94351	14.67260	2.53953
EQy	169	169	0.00	0.00	22.71850	16.50596	2.53953
EQy	170	170	0.00	0.00	21.35342	18.23755	2.53953
EQy	171	171	0.00	0.00	19.85670	19.85670	2.53953
EQy	172	172	0.00	0.00	18.23755	21.35342	2.53953
EQy	173	173	0.00	0.00	16.50596	22.71850	2.53953
EQy	174	174	0.00	0.00	14.67260	23.94351	2.53953
EQy	175	175	0.00	0.00	12.74878	25.02090	2.53953
EQy	176	176	0.00	0.00	10.74637	25.94402	2.53953
EQy	177	177	0.00	0.00	8.67769	26.70720	2.53953
EQy	178	178	0.00	0.00	6.55552	27.30571	2.53953
EQy	179	179	0.00	0.00	4.39293	27.73588	2.53953
EQy	180	180	0.00	0.00	2.20326	27.99504	2.53953
EQy	181	181	0.00	0.00	1.719E-15	28.08161	2.53953
EQy	182	182	0.00	0.00	-2.20326	27.99504	2.53953
EQy	183	183	0.00	0.00	-4.39293	27.73588	2.53953
EQy	184	184	0.00	0.00	-6.55552	27.30571	2.53953
EQy	185	185	0.00	0.00	-8.67769	26.70720	2.53953
EQy	186	186	0.00	0.00	-10.74637	25.94402	2.53953
EQy	187	187	0.00	0.00	-12.74878	25.02090	2.53953
EQy	188	188	0.00	0.00	-14.67260	23.94351	2.53953
EQy	189	189	0.00	0.00	-16.50596	22.71850	2.53953
EQy	190	190	0.00	0.00	-18.23755	21.35342	2.53953
EQy	191	191	0.00	0.00	-19.85670	19.85670	2.53953
EQy	192	192	0.00	0.00	-21.35342	18.23755	2.53953
EQy	193	193	0.00	0.00	-22.71850	16.50596	2.53953
EQy	194	194	0.00	0.00	-23.94351	14.67260	2.53953
EQy	195	195	0.00	0.00	-25.02090	12.74878	2.53953
EQy	196	196	0.00	0.00	-25.94402	10.74637	2.53953
EQy	197	197	0.00	0.00	-26.70720	8.67769	2.53953
EQy	198	198	0.00	0.00	-27.30571	6.55552	2.53953
EQy	199	199	0.00	0.00	-27.73588	4.39293	2.53953
EQy	200	200	0.00	0.00	-27.99504	2.20326	2.53953
EQy	201	201	0.00	0.00	-28.08161	3.439E-15	2.53953
EQy	202	202	0.00	0.00	-27.99504	-2.20326	2.53953
EQy	203	203	0.00	0.00	-27.73588	-4.39293	2.53953
EQy	204	204	0.00	0.00	-27.30571	-6.55552	2.53953
EQy	205	205	0.00	0.00	-26.70720	-8.67769	2.53953
EQy	206	206	0.00	0.00	-25.94402	-10.74637	2.53953
EQy	207	207	0.00	0.00	-25.02090	-12.74878	2.53953
EQy	208	208	0.00	0.00	-23.94351	-14.67260	2.53953
EQy	209	209	0.00	0.00	-22.71850	-16.50596	2.53953
EQy	210	210	0.00	0.00	-21.35342	-18.23755	2.53953
EQy	211	211	0.00	0.00	-19.85670	-19.85670	2.53953
EQy	212	212	0.00	0.00	-18.23755	-21.35342	2.53953
EQy	213	213	0.00	0.00	-16.50596	-22.71850	2.53953
EQy	214	214	0.00	0.00	-14.67260	-23.94351	2.53953
EQy	215	215	0.00	0.00	-12.74878	-25.02090	2.53953
EQy	216	216	0.00	0.00	-10.74637	-25.94402	2.53953
EQy	217	217	0.00	0.00	-8.67769	-26.70720	2.53953
EQy	218	218	0.00	0.00	-6.55552	-27.30571	2.53953
EQy	219	219	0.00	0.00	-4.39293	-27.73588	2.53953
EQy	220	220	0.00	0.00	-2.20326	-27.99504	2.53953
EQy	221	221	0.00	0.00	-5.158E-15	-28.08161	2.53953
EQy	222	222	0.00	0.00	2.20326	-27.99504	2.53953
EQy	223	223	0.00	0.00	4.39293	-27.73588	2.53953
EQy	224	224	0.00	0.00	6.55552	-27.30571	2.53953
EQy	225	225	0.00	0.00	8.67769	-26.70720	2.53953
EQy	226	226	0.00	0.00	10.74637	-25.94402	2.53953
EQy	227	227	0.00	0.00	12.74878	-25.02090	2.53953
EQy	228	228	0.00	0.00	14.67260	-23.94351	2.53953
EQy	229	229	0.00	0.00	16.50596	-22.71850	2.53953
EQy	230	230	0.00	0.00	18.23755	-21.35342	2.53953
EQy	231	231	0.00	0.00	19.85670	-19.85670	2.53953
EQy	232	232	0.00	0.00	21.35342	-18.23755	2.53953
EQy	233	233	0.00	0.00	22.71850	-16.50596	2.53953
EQy	234	234	0.00	0.00	23.94351	-14.67260	2.53953
EQy	235	235	0.00	0.00	25.02090	-12.74878	2.53953
EQy	236	236	0.00	0.00	25.94402	-10.74637	2.53953
EQy	237	237	0.00	0.00	26.70720	-8.67769	2.53953
EQy	238	238	0.00	0.00	27.30571	-6.55552	2.53953
EQy	239	239	0.00	0.00	27.73588	-4.39293	2.53953
EQy	240	240	0.00	0.00	27.99504	-2.20326	2.53953
EQy	241	241	0.00	0.00	26.21340	2.06304	3.69783
EQy	242	242	0.00	0.00	26.29446	0.00000	3.69783
EQy	243	243	0.00	0.00	25.97073	4.11336	3.69783
EQy	244	244	0.00	0.00	25.56794	6.13832	3.69783
EQy	245	245	0.00	0.00	25.00752	8.12544	3.69783

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EQy 246	246	0.00	0.00	24.29291	10.06245	3.69783
EQy 247	247	0.00	0.00	23.42854	11.93744	3.69783
EQy 248	248	0.00	0.00	22.41971	13.73882	3.69783
EQy 249	249	0.00	0.00	21.27267	15.45550	3.69783
EQy 250	250	0.00	0.00	19.99447	17.07689	3.69783
EQy 251	251	0.00	0.00	18.59299	18.59299	3.69783
EQy 252	252	0.00	0.00	17.07689	19.99447	3.69783
EQy 253	253	0.00	0.00	15.45550	21.27267	3.69783
EQy 254	254	0.00	0.00	13.73882	22.41971	3.69783
EQy 255	255	0.00	0.00	11.93744	23.42854	3.69783
EQy 256	256	0.00	0.00	10.06245	24.29291	3.69783
EQy 257	257	0.00	0.00	8.12544	25.00752	3.69783
EQy 258	258	0.00	0.00	6.13832	25.56794	3.69783
EQy 259	259	0.00	0.00	4.11336	25.97073	3.69783
EQy 260	260	0.00	0.00	2.06304	26.21340	3.69783
EQy 261	261	0.00	0.00	1.610E-15	26.29446	3.69783
EQy 262	262	0.00	0.00	-2.06304	26.21340	3.69783
EQy 263	263	0.00	0.00	-4.11336	25.97073	3.69783
EQy 264	264	0.00	0.00	-6.13832	25.56794	3.69783
EQy 265	265	0.00	0.00	-8.12544	25.00752	3.69783
EQy 266	266	0.00	0.00	-10.06245	24.29291	3.69783
EQy 267	267	0.00	0.00	-11.93744	23.42854	3.69783
EQy 268	268	0.00	0.00	-13.73882	22.41971	3.69783
EQy 269	269	0.00	0.00	-15.45550	21.27267	3.69783
EQy 270	270	0.00	0.00	-17.07689	19.99447	3.69783
EQy 271	271	0.00	0.00	-18.59299	18.59299	3.69783
EQy 272	272	0.00	0.00	-19.99447	17.07689	3.69783
EQy 273	273	0.00	0.00	-21.27267	15.45550	3.69783
EQy 274	274	0.00	0.00	-22.41971	13.73882	3.69783
EQy 275	275	0.00	0.00	-23.42854	11.93744	3.69783
EQy 276	276	0.00	0.00	-24.29291	10.06245	3.69783
EQy 277	277	0.00	0.00	-25.00752	8.12544	3.69783
EQy 278	278	0.00	0.00	-25.56794	6.13832	3.69783
EQy 279	279	0.00	0.00	-25.97073	4.11336	3.69783
EQy 280	280	0.00	0.00	-26.21340	2.06304	3.69783
EQy 281	281	0.00	0.00	-26.29446	3.220E-15	3.69783
EQy 282	282	0.00	0.00	-26.21340	-2.06304	3.69783
EQy 283	283	0.00	0.00	-25.97073	-4.11336	3.69783
EQy 284	284	0.00	0.00	-25.56794	-6.13832	3.69783
EQy 285	285	0.00	0.00	-25.00752	-8.12544	3.69783
EQy 286	286	0.00	0.00	-24.29291	-10.06245	3.69783
EQy 287	287	0.00	0.00	-23.42854	-11.93744	3.69783
EQy 288	288	0.00	0.00	-22.41971	-13.73882	3.69783
EQy 289	289	0.00	0.00	-21.27267	-15.45550	3.69783
EQy 290	290	0.00	0.00	-19.99447	-17.07689	3.69783
EQy 291	291	0.00	0.00	-18.59299	-18.59299	3.69783
EQy 292	292	0.00	0.00	-17.07689	-19.99447	3.69783
EQy 293	293	0.00	0.00	-15.45550	-21.27267	3.69783
EQy 294	294	0.00	0.00	-13.73882	-22.41971	3.69783
EQy 295	295	0.00	0.00	-11.93744	-23.42854	3.69783
EQy 296	296	0.00	0.00	-10.06245	-24.29291	3.69783
EQy 297	297	0.00	0.00	-8.12544	-25.00752	3.69783
EQy 298	298	0.00	0.00	-6.13832	-25.56794	3.69783
EQy 299	299	0.00	0.00	-4.11336	-25.97073	3.69783
EQy 300	300	0.00	0.00	-2.06304	-26.21340	3.69783
EQy 301	301	0.00	0.00	-4.830E-15	-26.29446	3.69783
EQy 302	302	0.00	0.00	2.06304	-26.21340	3.69783
EQy 303	303	0.00	0.00	4.11336	-25.97073	3.69783
EQy 304	304	0.00	0.00	6.13832	-25.56794	3.69783
EQy 305	305	0.00	0.00	8.12544	-25.00752	3.69783
EQy 306	306	0.00	0.00	10.06245	-24.29291	3.69783
EQy 307	307	0.00	0.00	11.93744	-23.42854	3.69783
EQy 308	308	0.00	0.00	13.73882	-22.41971	3.69783
EQy 309	309	0.00	0.00	15.45550	-21.27267	3.69783
EQy 310	310	0.00	0.00	17.07689	-19.99447	3.69783
EQy 311	311	0.00	0.00	18.59299	-18.59299	3.69783
EQy 312	312	0.00	0.00	19.99447	-17.07689	3.69783
EQy 313	313	0.00	0.00	21.27267	-15.45550	3.69783
EQy 314	314	0.00	0.00	22.41971	-13.73882	3.69783
EQy 315	315	0.00	0.00	23.42854	-11.93744	3.69783
EQy 316	316	0.00	0.00	24.29291	-10.06245	3.69783
EQy 317	317	0.00	0.00	25.00752	-8.12544	3.69783
EQy 318	318	0.00	0.00	25.56794	-6.13832	3.69783
EQy 319	319	0.00	0.00	25.97073	-4.11336	3.69783
EQy 320	320	0.00	0.00	26.21340	-2.06304	3.69783
EQy 321	321	0.00	0.00	24.38421	1.91908	4.77898
EQy 322	322	0.00	0.00	24.45961	0.00000	4.77898
EQy 323	323	0.00	0.00	24.15847	3.82633	4.77898
EQy 324	324	0.00	0.00	23.78379	5.70998	4.77898
EQy 325	325	0.00	0.00	23.26247	7.55843	4.77898

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EQy 326	326	0.00	0.00	22.59773	9.36029	4.77898
EQy 327	327	0.00	0.00	21.79367	11.10443	4.77898
EQy 328	328	0.00	0.00	20.85525	12.78011	4.77898
EQy 329	329	0.00	0.00	19.78824	14.37700	4.77898
EQy 330	330	0.00	0.00	18.59923	15.88525	4.77898
EQy 331	331	0.00	0.00	17.29556	17.29556	4.77898
EQy 332	332	0.00	0.00	15.88525	18.59923	4.77898
EQy 333	333	0.00	0.00	14.37700	19.78824	4.77898
EQy 334	334	0.00	0.00	12.78011	20.85525	4.77898
EQy 335	335	0.00	0.00	11.10443	21.79367	4.77898
EQy 336	336	0.00	0.00	9.36029	22.59773	4.77898
EQy 337	337	0.00	0.00	7.55843	23.26247	4.77898
EQy 338	338	0.00	0.00	5.70998	23.78379	4.77898
EQy 339	339	0.00	0.00	3.82633	24.15847	4.77898
EQy 340	340	0.00	0.00	1.91908	24.38421	4.77898
EQy 341	341	0.00	0.00	1.498E-15	24.45961	4.77898
EQy 342	342	0.00	0.00	-1.91908	24.38421	4.77898
EQy 343	343	0.00	0.00	-3.82633	24.15847	4.77898
EQy 344	344	0.00	0.00	-5.70998	23.78379	4.77898
EQy 345	345	0.00	0.00	-7.55843	23.26247	4.77898
EQy 346	346	0.00	0.00	-9.36029	22.59773	4.77898
EQy 347	347	0.00	0.00	-11.10443	21.79367	4.77898
EQy 348	348	0.00	0.00	-12.78011	20.85525	4.77898
EQy 349	349	0.00	0.00	-14.37700	19.78824	4.77898
EQy 350	350	0.00	0.00	-15.88525	18.59923	4.77898
EQy 351	351	0.00	0.00	-17.29556	17.29556	4.77898
EQy 352	352	0.00	0.00	-18.59923	15.88525	4.77898
EQy 353	353	0.00	0.00	-19.78824	14.37700	4.77898
EQy 354	354	0.00	0.00	-20.85525	12.78011	4.77898
EQy 355	355	0.00	0.00	-21.79367	11.10443	4.77898
EQy 356	356	0.00	0.00	-22.59773	9.36029	4.77898
EQy 357	357	0.00	0.00	-23.26247	7.55843	4.77898
EQy 358	358	0.00	0.00	-23.78379	5.70998	4.77898
EQy 359	359	0.00	0.00	-24.15847	3.82633	4.77898
EQy 360	360	0.00	0.00	-24.38421	1.91908	4.77898
EQy 361	361	0.00	0.00	-24.45961	2.995E-15	4.77898
EQy 362	362	0.00	0.00	-24.38421	-1.91908	4.77898
EQy 363	363	0.00	0.00	-24.15847	-3.82633	4.77898
EQy 364	364	0.00	0.00	-23.78379	-5.70998	4.77898
EQy 365	365	0.00	0.00	-23.26247	-7.55843	4.77898
EQy 366	366	0.00	0.00	-22.59773	-9.36029	4.77898
EQy 367	367	0.00	0.00	-21.79367	-11.10443	4.77898
EQy 368	368	0.00	0.00	-20.85525	-12.78011	4.77898
EQy 369	369	0.00	0.00	-19.78824	-14.37700	4.77898
EQy 370	370	0.00	0.00	-18.59923	-15.88525	4.77898
EQy 371	371	0.00	0.00	-17.29556	-17.29556	4.77898
EQy 372	372	0.00	0.00	-15.88525	-18.59923	4.77898
EQy 373	373	0.00	0.00	-14.37700	-19.78824	4.77898
EQy 374	374	0.00	0.00	-12.78011	-20.85525	4.77898
EQy 375	375	0.00	0.00	-11.10443	-21.79367	4.77898
EQy 376	376	0.00	0.00	-9.36029	-22.59773	4.77898
EQy 377	377	0.00	0.00	-7.55843	-23.26247	4.77898
EQy 378	378	0.00	0.00	-5.70998	-23.78379	4.77898
EQy 379	379	0.00	0.00	-3.82633	-24.15847	4.77898
EQy 380	380	0.00	0.00	-1.91908	-24.38421	4.77898
EQy 381	381	0.00	0.00	-4.493E-15	-24.45961	4.77898
EQy 382	382	0.00	0.00	1.91908	-24.38421	4.77898
EQy 383	383	0.00	0.00	3.82633	-24.15847	4.77898
EQy 384	384	0.00	0.00	5.70998	-23.78379	4.77898
EQy 385	385	0.00	0.00	7.55843	-23.26247	4.77898
EQy 386	386	0.00	0.00	9.36029	-22.59773	4.77898
EQy 387	387	0.00	0.00	11.10443	-21.79367	4.77898
EQy 388	388	0.00	0.00	12.78011	-20.85525	4.77898
EQy 389	389	0.00	0.00	14.37700	-19.78824	4.77898
EQy 390	390	0.00	0.00	15.88525	-18.59923	4.77898
EQy 391	391	0.00	0.00	17.29556	-17.29556	4.77898
EQy 392	392	0.00	0.00	18.59923	-15.88525	4.77898
EQy 393	393	0.00	0.00	19.78824	-14.37700	4.77898
EQy 394	394	0.00	0.00	20.85525	-12.78011	4.77898
EQy 395	395	0.00	0.00	21.79367	-11.10443	4.77898
EQy 396	396	0.00	0.00	22.59773	-9.36029	4.77898
EQy 397	397	0.00	0.00	23.26247	-7.55843	4.77898
EQy 398	398	0.00	0.00	23.78379	-5.70998	4.77898
EQy 399	399	0.00	0.00	24.15847	-3.82633	4.77898
EQy 400	400	0.00	0.00	24.38421	-1.91908	4.77898
EQy 401	401	0.00	0.00	22.51077	1.77164	5.78101
EQy 402	402	0.00	0.00	22.58038	0.00000	5.78101
EQy 403	403	0.00	0.00	22.30238	3.53235	5.78101
EQy 404	404	0.00	0.00	21.95648	5.27129	5.78101
EQy 405	405	0.00	0.00	21.47522	6.97772	5.78101

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EQy 406	406	0.00	0.00	20.86155	8.64114	5.78101
EQy 407	407	0.00	0.00	20.11927	10.25128	5.78101
EQy 408	408	0.00	0.00	19.25294	11.79822	5.78101
EQy 409	409	0.00	0.00	18.26791	13.27242	5.78101
EQy 410	410	0.00	0.00	17.17026	14.66478	5.78101
EQy 411	411	0.00	0.00	15.96674	15.96674	5.78101
EQy 412	412	0.00	0.00	14.66478	17.17026	5.78101
EQy 413	413	0.00	0.00	13.27242	18.26791	5.78101
EQy 414	414	0.00	0.00	11.79822	19.25294	5.78101
EQy 415	415	0.00	0.00	10.25128	20.11927	5.78101
EQy 416	416	0.00	0.00	8.64114	20.86155	5.78101
EQy 417	417	0.00	0.00	6.97772	21.47522	5.78101
EQy 418	418	0.00	0.00	5.27129	21.95648	5.78101
EQy 419	419	0.00	0.00	3.53235	22.30238	5.78101
EQy 420	420	0.00	0.00	1.77164	22.51077	5.78101
EQy 421	421	0.00	0.00	1.383E-15	22.58038	5.78101
EQy 422	422	0.00	0.00	-1.77164	22.51077	5.78101
EQy 423	423	0.00	0.00	-3.53235	22.30238	5.78101
EQy 424	424	0.00	0.00	-5.27129	21.95648	5.78101
EQy 425	425	0.00	0.00	-6.97772	21.47522	5.78101
EQy 426	426	0.00	0.00	-8.64114	20.86155	5.78101
EQy 427	427	0.00	0.00	-10.25128	20.11927	5.78101
EQy 428	428	0.00	0.00	-11.79822	19.25294	5.78101
EQy 429	429	0.00	0.00	-13.27242	18.26791	5.78101
EQy 430	430	0.00	0.00	-14.66478	17.17026	5.78101
EQy 431	431	0.00	0.00	-15.96674	15.96674	5.78101
EQy 432	432	0.00	0.00	-17.17026	14.66478	5.78101
EQy 433	433	0.00	0.00	-18.26791	13.27242	5.78101
EQy 434	434	0.00	0.00	-19.25294	11.79822	5.78101
EQy 435	435	0.00	0.00	-20.11927	10.25128	5.78101
EQy 436	436	0.00	0.00	-20.86155	8.64114	5.78101
EQy 437	437	0.00	0.00	-21.47522	6.97772	5.78101
EQy 438	438	0.00	0.00	-21.95648	5.27129	5.78101
EQy 439	439	0.00	0.00	-22.30238	3.53235	5.78101
EQy 440	440	0.00	0.00	-22.51077	1.77164	5.78101
EQy 441	441	0.00	0.00	-22.58038	2.765E-15	5.78101
EQy 442	442	0.00	0.00	-22.51077	-1.77164	5.78101
EQy 443	443	0.00	0.00	-22.30238	-3.53235	5.78101
EQy 444	444	0.00	0.00	-21.95648	-5.27129	5.78101
EQy 445	445	0.00	0.00	-21.47522	-6.97772	5.78101
EQy 446	446	0.00	0.00	-20.86155	-8.64114	5.78101
EQy 447	447	0.00	0.00	-20.11927	-10.25128	5.78101
EQy 448	448	0.00	0.00	-19.25294	-11.79822	5.78101
EQy 449	449	0.00	0.00	-18.26791	-13.27242	5.78101
EQy 450	450	0.00	0.00	-17.17026	-14.66478	5.78101
EQy 451	451	0.00	0.00	-15.96674	-15.96674	5.78101
EQy 452	452	0.00	0.00	-14.66478	-17.17026	5.78101
EQy 453	453	0.00	0.00	-13.27242	-18.26791	5.78101
EQy 454	454	0.00	0.00	-11.79822	-19.25294	5.78101
EQy 455	455	0.00	0.00	-10.25128	-20.11927	5.78101
EQy 456	456	0.00	0.00	-8.64114	-20.86155	5.78101
EQy 457	457	0.00	0.00	-6.97772	-21.47522	5.78101
EQy 458	458	0.00	0.00	-5.27129	-21.95648	5.78101
EQy 459	459	0.00	0.00	-3.53235	-22.30238	5.78101
EQy 460	460	0.00	0.00	-1.77164	-22.51077	5.78101
EQy 461	461	0.00	0.00	-4.148E-15	-22.58038	5.78101
EQy 462	462	0.00	0.00	1.77164	-22.51077	5.78101
EQy 463	463	0.00	0.00	3.53235	-22.30238	5.78101
EQy 464	464	0.00	0.00	5.27129	-21.95648	5.78101
EQy 465	465	0.00	0.00	6.97772	-21.47522	5.78101
EQy 466	466	0.00	0.00	8.64114	-20.86155	5.78101
EQy 467	467	0.00	0.00	10.25128	-20.11927	5.78101
EQy 468	468	0.00	0.00	11.79822	-19.25294	5.78101
EQy 469	469	0.00	0.00	13.27242	-18.26791	5.78101
EQy 470	470	0.00	0.00	14.66478	-17.17026	5.78101
EQy 471	471	0.00	0.00	15.96674	-15.96674	5.78101
EQy 472	472	0.00	0.00	17.17026	-14.66478	5.78101
EQy 473	473	0.00	0.00	18.26791	-13.27242	5.78101
EQy 474	474	0.00	0.00	19.25294	-11.79822	5.78101
EQy 475	475	0.00	0.00	20.11927	-10.25128	5.78101
EQy 476	476	0.00	0.00	20.86155	-8.64114	5.78101
EQy 477	477	0.00	0.00	21.47522	-6.97772	5.78101
EQy 478	478	0.00	0.00	21.95648	-5.27129	5.78101
EQy 479	479	0.00	0.00	22.30238	-3.53235	5.78101
EQy 480	480	0.00	0.00	22.51077	-1.77164	5.78101
EQy 481	481	0.00	0.00	20.59650	1.62098	6.70211
EQy 482	482	0.00	0.00	20.66019	0.00000	6.70211
EQy 483	483	0.00	0.00	20.40583	3.23197	6.70211
EQy 484	484	0.00	0.00	20.08935	4.82303	6.70211
EQy 485	485	0.00	0.00	19.64901	6.38435	6.70211

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EQy 486	486	0.00	0.00	19.08753	7.90631	6.70211
EQy 487	487	0.00	0.00	18.40836	9.37953	6.70211
EQy 488	488	0.00	0.00	17.61571	10.79492	6.70211
EQy 489	489	0.00	0.00	16.71444	12.14375	6.70211
EQy 490	490	0.00	0.00	15.71013	13.41772	6.70211
EQy 491	491	0.00	0.00	14.60896	14.60896	6.70211
EQy 492	492	0.00	0.00	13.41772	15.71013	6.70211
EQy 493	493	0.00	0.00	12.14375	16.71444	6.70211
EQy 494	494	0.00	0.00	10.79492	17.61571	6.70211
EQy 495	495	0.00	0.00	9.37953	18.40836	6.70211
EQy 496	496	0.00	0.00	7.90631	19.08753	6.70211
EQy 497	497	0.00	0.00	6.38435	19.64901	6.70211
EQy 498	498	0.00	0.00	4.82303	20.08935	6.70211
EQy 499	499	0.00	0.00	3.23197	20.40583	6.70211
EQy 500	500	0.00	0.00	1.62098	20.59650	6.70211
EQy 501	501	0.00	0.00	1.265E-15	20.66019	6.70211
EQy 502	502	0.00	0.00	-1.62098	20.59650	6.70211
EQy 503	503	0.00	0.00	-3.23197	20.40583	6.70211
EQy 504	504	0.00	0.00	-4.82303	20.08935	6.70211
EQy 505	505	0.00	0.00	-6.38435	19.64901	6.70211
EQy 506	506	0.00	0.00	-7.90631	19.08753	6.70211
EQy 507	507	0.00	0.00	-9.37953	18.40836	6.70211
EQy 508	508	0.00	0.00	-10.79492	17.61571	6.70211
EQy 509	509	0.00	0.00	-12.14375	16.71444	6.70211
EQy 510	510	0.00	0.00	-13.41772	15.71013	6.70211
EQy 511	511	0.00	0.00	-14.60896	14.60896	6.70211
EQy 512	512	0.00	0.00	-15.71013	13.41772	6.70211
EQy 513	513	0.00	0.00	-16.71444	12.14375	6.70211
EQy 514	514	0.00	0.00	-17.61571	10.79492	6.70211
EQy 515	515	0.00	0.00	-18.40836	9.37953	6.70211
EQy 516	516	0.00	0.00	-19.08753	7.90631	6.70211
EQy 517	517	0.00	0.00	-19.64901	6.38435	6.70211
EQy 518	518	0.00	0.00	-20.08935	4.82303	6.70211
EQy 519	519	0.00	0.00	-20.40583	3.23197	6.70211
EQy 520	520	0.00	0.00	-20.59650	1.62098	6.70211
EQy 521	521	0.00	0.00	-20.66019	2.530E-15	6.70211
EQy 522	522	0.00	0.00	-20.59650	-1.62098	6.70211
EQy 523	523	0.00	0.00	-20.40583	-3.23197	6.70211
EQy 524	524	0.00	0.00	-20.08935	-4.82303	6.70211
EQy 525	525	0.00	0.00	-19.64901	-6.38435	6.70211
EQy 526	526	0.00	0.00	-19.08753	-7.90631	6.70211
EQy 527	527	0.00	0.00	-18.40836	-9.37953	6.70211
EQy 528	528	0.00	0.00	-17.61571	-10.79492	6.70211
EQy 529	529	0.00	0.00	-16.71444	-12.14375	6.70211
EQy 530	530	0.00	0.00	-15.71013	-13.41772	6.70211
EQy 531	531	0.00	0.00	-14.60896	-14.60896	6.70211
EQy 532	532	0.00	0.00	-13.41772	-15.71013	6.70211
EQy 533	533	0.00	0.00	-12.14375	-16.71444	6.70211
EQy 534	534	0.00	0.00	-10.79492	-17.61571	6.70211
EQy 535	535	0.00	0.00	-9.37953	-18.40836	6.70211
EQy 536	536	0.00	0.00	-7.90631	-19.08753	6.70211
EQy 537	537	0.00	0.00	-6.38435	-19.64901	6.70211
EQy 538	538	0.00	0.00	-4.82303	-20.08935	6.70211
EQy 539	539	0.00	0.00	-3.23197	-20.40583	6.70211
EQy 540	540	0.00	0.00	-1.62098	-20.59650	6.70211
EQy 541	541	0.00	0.00	-3.795E-15	-20.66019	6.70211
EQy 542	542	0.00	0.00	1.62098	-20.59650	6.70211
EQy 543	543	0.00	0.00	3.23197	-20.40583	6.70211
EQy 544	544	0.00	0.00	4.82303	-20.08935	6.70211
EQy 545	545	0.00	0.00	6.38435	-19.64901	6.70211
EQy 546	546	0.00	0.00	7.90631	-19.08753	6.70211
EQy 547	547	0.00	0.00	9.37953	-18.40836	6.70211
EQy 548	548	0.00	0.00	10.79492	-17.61571	6.70211
EQy 549	549	0.00	0.00	12.14375	-16.71444	6.70211
EQy 550	550	0.00	0.00	13.41772	-15.71013	6.70211
EQy 551	551	0.00	0.00	14.60896	-14.60896	6.70211
EQy 552	552	0.00	0.00	15.71013	-13.41772	6.70211
EQy 553	553	0.00	0.00	16.71444	-12.14375	6.70211
EQy 554	554	0.00	0.00	17.61571	-10.79492	6.70211
EQy 555	555	0.00	0.00	18.40836	-9.37953	6.70211
EQy 556	556	0.00	0.00	19.08753	-7.90631	6.70211
EQy 557	557	0.00	0.00	19.64901	-6.38435	6.70211
EQy 558	558	0.00	0.00	20.08935	-4.82303	6.70211
EQy 559	559	0.00	0.00	20.40583	-3.23197	6.70211
EQy 560	560	0.00	0.00	20.59650	-1.62098	6.70211
EQy 561	561	0.00	0.00	18.64486	1.46738	7.54060
EQy 562	562	0.00	0.00	18.70251	0.00000	7.54060
EQy 563	563	0.00	0.00	18.47225	2.92572	7.54060
EQy 564	564	0.00	0.00	18.18576	4.36601	7.54060
EQy 565	565	0.00	0.00	17.78715	5.77939	7.54060

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EQy 566	566	0.00	0.00	17.27887	7.15714	7.54060
EQy 567	567	0.00	0.00	16.66406	8.49076	7.54060
EQy 568	568	0.00	0.00	15.94651	9.77204	7.54060
EQy 569	569	0.00	0.00	15.13065	10.99306	7.54060
EQy 570	570	0.00	0.00	14.22150	12.14631	7.54060
EQy 571	571	0.00	0.00	13.22467	13.22467	7.54060
EQy 572	572	0.00	0.00	12.14631	14.22150	7.54060
EQy 573	573	0.00	0.00	10.99306	15.13065	7.54060
EQy 574	574	0.00	0.00	9.77204	15.94651	7.54060
EQy 575	575	0.00	0.00	8.49076	16.66406	7.54060
EQy 576	576	0.00	0.00	7.15714	17.27887	7.54060
EQy 577	577	0.00	0.00	5.77939	17.78715	7.54060
EQy 578	578	0.00	0.00	4.36601	18.18576	7.54060
EQy 579	579	0.00	0.00	2.92572	18.47225	7.54060
EQy 580	580	0.00	0.00	1.46738	18.64486	7.54060
EQy 581	581	0.00	0.00	1.145E-15	18.70251	7.54060
EQy 582	582	0.00	0.00	-1.46738	18.64486	7.54060
EQy 583	583	0.00	0.00	-2.92572	18.47225	7.54060
EQy 584	584	0.00	0.00	-4.36601	18.18576	7.54060
EQy 585	585	0.00	0.00	-5.77939	17.78715	7.54060
EQy 586	586	0.00	0.00	-7.15714	17.27887	7.54060
EQy 587	587	0.00	0.00	-8.49076	16.66406	7.54060
EQy 588	588	0.00	0.00	-9.77204	15.94651	7.54060
EQy 589	589	0.00	0.00	-10.99306	15.13065	7.54060
EQy 590	590	0.00	0.00	-12.14631	14.22150	7.54060
EQy 591	591	0.00	0.00	-13.22467	13.22467	7.54060
EQy 592	592	0.00	0.00	-14.22150	12.14631	7.54060
EQy 593	593	0.00	0.00	-15.13065	10.99306	7.54060
EQy 594	594	0.00	0.00	-15.94651	9.77204	7.54060
EQy 595	595	0.00	0.00	-16.66406	8.49076	7.54060
EQy 596	596	0.00	0.00	-17.27887	7.15714	7.54060
EQy 597	597	0.00	0.00	-17.78715	5.77939	7.54060
EQy 598	598	0.00	0.00	-18.18576	4.36601	7.54060
EQy 599	599	0.00	0.00	-18.47225	2.92572	7.54060
EQy 600	600	0.00	0.00	-18.64486	1.46738	7.54060
EQy 601	601	0.00	0.00	-18.70251	2.290E-15	7.54060
EQy 602	602	0.00	0.00	-18.64486	-1.46738	7.54060
EQy 603	603	0.00	0.00	-18.47225	-2.92572	7.54060
EQy 604	604	0.00	0.00	-18.18576	-4.36601	7.54060
EQy 605	605	0.00	0.00	-17.78715	-5.77939	7.54060
EQy 606	606	0.00	0.00	-17.27887	-7.15714	7.54060
EQy 607	607	0.00	0.00	-16.66406	-8.49076	7.54060
EQy 608	608	0.00	0.00	-15.94651	-9.77204	7.54060
EQy 609	609	0.00	0.00	-15.13065	-10.99306	7.54060
EQy 610	610	0.00	0.00	-14.22150	-12.14631	7.54060
EQy 611	611	0.00	0.00	-13.22467	-13.22467	7.54060
EQy 612	612	0.00	0.00	-12.14631	-14.22150	7.54060
EQy 613	613	0.00	0.00	-10.99306	-15.13065	7.54060
EQy 614	614	0.00	0.00	-9.77204	-15.94651	7.54060
EQy 615	615	0.00	0.00	-8.49076	-16.66406	7.54060
EQy 616	616	0.00	0.00	-7.15714	-17.27887	7.54060
EQy 617	617	0.00	0.00	-5.77939	-17.78715	7.54060
EQy 618	618	0.00	0.00	-4.36601	-18.18576	7.54060
EQy 619	619	0.00	0.00	-2.92572	-18.47225	7.54060
EQy 620	620	0.00	0.00	-1.46738	-18.64486	7.54060
EQy 621	621	0.00	0.00	-3.435E-15	-18.70251	7.54060
EQy 622	622	0.00	0.00	1.46738	-18.64486	7.54060
EQy 623	623	0.00	0.00	2.92572	-18.47225	7.54060
EQy 624	624	0.00	0.00	4.36601	-18.18576	7.54060
EQy 625	625	0.00	0.00	5.77939	-17.78715	7.54060
EQy 626	626	0.00	0.00	7.15714	-17.27887	7.54060
EQy 627	627	0.00	0.00	8.49076	-16.66406	7.54060
EQy 628	628	0.00	0.00	9.77204	-15.94651	7.54060
EQy 629	629	0.00	0.00	10.99306	-15.13065	7.54060
EQy 630	630	0.00	0.00	12.14631	-14.22150	7.54060
EQy 631	631	0.00	0.00	13.22467	-13.22467	7.54060
EQy 632	632	0.00	0.00	14.22150	-12.14631	7.54060
EQy 633	633	0.00	0.00	15.13065	-10.99306	7.54060
EQy 634	634	0.00	0.00	15.94651	-9.77204	7.54060
EQy 635	635	0.00	0.00	16.66406	-8.49076	7.54060
EQy 636	636	0.00	0.00	17.27887	-7.15714	7.54060
EQy 637	637	0.00	0.00	17.78715	-5.77939	7.54060
EQy 638	638	0.00	0.00	18.18576	-4.36601	7.54060
EQy 639	639	0.00	0.00	18.47225	-2.92572	7.54060
EQy 640	640	0.00	0.00	18.64486	-1.46738	7.54060
EQy 641	641	0.00	0.00	16.65939	1.31112	8.29496
EQy 642	642	0.00	0.00	16.71091	0.00000	8.29496
EQy 643	643	0.00	0.00	16.50517	2.61416	8.29496
EQy 644	644	0.00	0.00	16.24918	3.90108	8.29496
EQy 645	645	0.00	0.00	15.89302	5.16395	8.29496



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EQy	646	646	0.00	0.00	15.43886	6.39499	8.29496
EQy	647	647	0.00	0.00	14.88953	7.58659	8.29496
EQy	648	648	0.00	0.00	14.24839	8.73142	8.29496
EQy	649	649	0.00	0.00	13.51941	9.82242	8.29496
EQy	650	650	0.00	0.00	12.70707	10.85287	8.29496
EQy	651	651	0.00	0.00	11.81640	11.81640	8.29496
EQy	652	652	0.00	0.00	10.85287	12.70707	8.29496
EQy	653	653	0.00	0.00	9.82242	13.51941	8.29496
EQy	654	654	0.00	0.00	8.73142	14.24839	8.29496
EQy	655	655	0.00	0.00	7.58659	14.88953	8.29496
EQy	656	656	0.00	0.00	6.39499	15.43886	8.29496
EQy	657	657	0.00	0.00	5.16395	15.89302	8.29496
EQy	658	658	0.00	0.00	3.90108	16.24918	8.29496
EQy	659	659	0.00	0.00	2.61416	16.50517	8.29496
EQy	660	660	0.00	0.00	1.31112	16.65939	8.29496
EQy	661	661	0.00	0.00	1.023E-15	16.71091	8.29496
EQy	662	662	0.00	0.00	-1.31112	16.65939	8.29496
EQy	663	663	0.00	0.00	-2.61416	16.50517	8.29496
EQy	664	664	0.00	0.00	-3.90108	16.24918	8.29496
EQy	665	665	0.00	0.00	-5.16395	15.89302	8.29496
EQy	666	666	0.00	0.00	-6.39499	15.43886	8.29496
EQy	667	667	0.00	0.00	-7.58659	14.88953	8.29496
EQy	668	668	0.00	0.00	-8.73142	14.24839	8.29496
EQy	669	669	0.00	0.00	-9.82242	13.51941	8.29496
EQy	670	670	0.00	0.00	-10.85287	12.70707	8.29496
EQy	671	671	0.00	0.00	-11.81640	11.81640	8.29496
EQy	672	672	0.00	0.00	-12.70707	10.85287	8.29496
EQy	673	673	0.00	0.00	-13.51941	9.82242	8.29496
EQy	674	674	0.00	0.00	-14.24839	8.73142	8.29496
EQy	675	675	0.00	0.00	-14.88953	7.58659	8.29496
EQy	676	676	0.00	0.00	-15.43886	6.39499	8.29496
EQy	677	677	0.00	0.00	-15.89302	5.16395	8.29496
EQy	678	678	0.00	0.00	-16.24918	3.90108	8.29496
EQy	679	679	0.00	0.00	-16.50517	2.61416	8.29496
EQy	680	680	0.00	0.00	-16.65939	1.31112	8.29496
EQy	681	681	0.00	0.00	-16.71091	2.046E-15	8.29496
EQy	682	682	0.00	0.00	-16.65939	-1.31112	8.29496
EQy	683	683	0.00	0.00	-16.50517	-2.61416	8.29496
EQy	684	684	0.00	0.00	-16.24918	-3.90108	8.29496
EQy	685	685	0.00	0.00	-15.89302	-5.16395	8.29496
EQy	686	686	0.00	0.00	-15.43886	-6.39499	8.29496
EQy	687	687	0.00	0.00	-14.88953	-7.58659	8.29496
EQy	688	688	0.00	0.00	-14.24839	-8.73142	8.29496
EQy	689	689	0.00	0.00	-13.51941	-9.82242	8.29496
EQy	690	690	0.00	0.00	-12.70707	-10.85287	8.29496
EQy	691	691	0.00	0.00	-11.81640	-11.81640	8.29496
EQy	692	692	0.00	0.00	-10.85287	-12.70707	8.29496
EQy	693	693	0.00	0.00	-9.82242	-13.51941	8.29496
EQy	694	694	0.00	0.00	-8.73142	-14.24839	8.29496
EQy	695	695	0.00	0.00	-7.58659	-14.88953	8.29496
EQy	696	696	0.00	0.00	-6.39499	-15.43886	8.29496
EQy	697	697	0.00	0.00	-5.16395	-15.89302	8.29496
EQy	698	698	0.00	0.00	-3.90108	-16.24918	8.29496
EQy	699	699	0.00	0.00	-2.61416	-16.50517	8.29496
EQy	700	700	0.00	0.00	-1.31112	-16.65939	8.29496
EQy	701	701	0.00	0.00	-3.070E-15	-16.71091	8.29496
EQy	702	702	0.00	0.00	1.31112	-16.65939	8.29496
EQy	703	703	0.00	0.00	2.61416	-16.50517	8.29496
EQy	704	704	0.00	0.00	3.90108	-16.24918	8.29496
EQy	705	705	0.00	0.00	5.16395	-15.89302	8.29496
EQy	706	706	0.00	0.00	6.39499	-15.43886	8.29496
EQy	707	707	0.00	0.00	7.58659	-14.88953	8.29496
EQy	708	708	0.00	0.00	8.73142	-14.24839	8.29496
EQy	709	709	0.00	0.00	9.82242	-13.51941	8.29496
EQy	710	710	0.00	0.00	10.85287	-12.70707	8.29496
EQy	711	711	0.00	0.00	11.81640	-11.81640	8.29496
EQy	712	712	0.00	0.00	12.70707	-10.85287	8.29496
EQy	713	713	0.00	0.00	13.51941	-9.82242	8.29496
EQy	714	714	0.00	0.00	14.24839	-8.73142	8.29496
EQy	715	715	0.00	0.00	14.88953	-7.58659	8.29496
EQy	716	716	0.00	0.00	15.43886	-6.39499	8.29496
EQy	717	717	0.00	0.00	15.89302	-5.16395	8.29496
EQy	718	718	0.00	0.00	16.24918	-3.90108	8.29496
EQy	719	719	0.00	0.00	16.50517	-2.61416	8.29496
EQy	720	720	0.00	0.00	16.65939	-1.31112	8.29496
EQy	721	721	0.00	0.00	14.64370	1.15248	8.96383
EQy	722	722	0.00	0.00	14.68898	0.00000	8.96383
EQy	723	723	0.00	0.00	14.50814	2.29786	8.96383
EQy	724	724	0.00	0.00	14.28313	3.42908	8.96383
EQy	725	725	0.00	0.00	13.97005	4.53915	8.96383

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EQy	726	726	0.00	0.00	13.57085	5.62123	8.96383
EQy	727	727	0.00	0.00	13.08798	6.66866	8.96383
EQy	728	728	0.00	0.00	12.52442	7.67497	8.96383
EQy	729	729	0.00	0.00	11.88364	8.63397	8.96383
EQy	730	730	0.00	0.00	11.16959	9.53973	8.96383
EQy	731	731	0.00	0.00	10.38668	10.38668	8.96383
EQy	732	732	0.00	0.00	9.53973	11.16959	8.96383
EQy	733	733	0.00	0.00	8.63397	11.88364	8.96383
EQy	734	734	0.00	0.00	7.67497	12.52442	8.96383
EQy	735	735	0.00	0.00	6.66866	13.08798	8.96383
EQy	736	736	0.00	0.00	5.62123	13.57085	8.96383
EQy	737	737	0.00	0.00	4.53915	13.97005	8.96383
EQy	738	738	0.00	0.00	3.42908	14.28313	8.96383
EQy	739	739	0.00	0.00	2.29786	14.50814	8.96383
EQy	740	740	0.00	0.00	1.15248	14.64370	8.96383
EQy	741	741	0.00	0.00	8.994E-16	14.68898	8.96383
EQy	742	742	0.00	0.00	-1.15248	14.64370	8.96383
EQy	743	743	0.00	0.00	-2.29786	14.50814	8.96383
EQy	744	744	0.00	0.00	-3.42908	14.28313	8.96383
EQy	745	745	0.00	0.00	-4.53915	13.97005	8.96383
EQy	746	746	0.00	0.00	-5.62123	13.57085	8.96383
EQy	747	747	0.00	0.00	-6.66866	13.08798	8.96383
EQy	748	748	0.00	0.00	-7.67497	12.52442	8.96383
EQy	749	749	0.00	0.00	-8.63397	11.88364	8.96383
EQy	750	750	0.00	0.00	-9.53973	11.16959	8.96383
EQy	751	751	0.00	0.00	-10.38668	10.38668	8.96383
EQy	752	752	0.00	0.00	-11.16959	9.53973	8.96383
EQy	753	753	0.00	0.00	-11.88364	8.63397	8.96383
EQy	754	754	0.00	0.00	-12.52442	7.67497	8.96383
EQy	755	755	0.00	0.00	-13.08798	6.66866	8.96383
EQy	756	756	0.00	0.00	-13.57085	5.62123	8.96383
EQy	757	757	0.00	0.00	-13.97005	4.53915	8.96383
EQy	758	758	0.00	0.00	-14.28313	3.42908	8.96383
EQy	759	759	0.00	0.00	-14.50814	2.29786	8.96383
EQy	760	760	0.00	0.00	-14.64370	1.15248	8.96383
EQy	761	761	0.00	0.00	-14.68898	1.799E-15	8.96383
EQy	762	762	0.00	0.00	-14.64370	-1.15248	8.96383
EQy	763	763	0.00	0.00	-14.50814	-2.29786	8.96383
EQy	764	764	0.00	0.00	-14.28313	-3.42908	8.96383
EQy	765	765	0.00	0.00	-13.97005	-4.53915	8.96383
EQy	766	766	0.00	0.00	-13.57085	-5.62123	8.96383
EQy	767	767	0.00	0.00	-13.08798	-6.66866	8.96383
EQy	768	768	0.00	0.00	-12.52442	-7.67497	8.96383
EQy	769	769	0.00	0.00	-11.88364	-8.63397	8.96383
EQy	770	770	0.00	0.00	-11.16959	-9.53973	8.96383
EQy	771	771	0.00	0.00	-10.38668	-10.38668	8.96383
EQy	772	772	0.00	0.00	-9.53973	-11.16959	8.96383
EQy	773	773	0.00	0.00	-8.63397	-11.88364	8.96383
EQy	774	774	0.00	0.00	-7.67497	-12.52442	8.96383
EQy	775	775	0.00	0.00	-6.66866	-13.08798	8.96383
EQy	776	776	0.00	0.00	-5.62123	-13.57085	8.96383
EQy	777	777	0.00	0.00	-4.53915	-13.97005	8.96383
EQy	778	778	0.00	0.00	-3.42908	-14.28313	8.96383
EQy	779	779	0.00	0.00	-2.29786	-14.50814	8.96383
EQy	780	780	0.00	0.00	-1.15248	-14.64370	8.96383
EQy	781	781	0.00	0.00	-2.698E-15	-14.68898	8.96383
EQy	782	782	0.00	0.00	1.15248	-14.64370	8.96383
EQy	783	783	0.00	0.00	2.29786	-14.50814	8.96383
EQy	784	784	0.00	0.00	3.42908	-14.28313	8.96383
EQy	785	785	0.00	0.00	4.53915	-13.97005	8.96383
EQy	786	786	0.00	0.00	5.62123	-13.57085	8.96383
EQy	787	787	0.00	0.00	6.66866	-13.08798	8.96383
EQy	788	788	0.00	0.00	7.67497	-12.52442	8.96383
EQy	789	789	0.00	0.00	8.63397	-11.88364	8.96383
EQy	790	790	0.00	0.00	9.53973	-11.16959	8.96383
EQy	791	791	0.00	0.00	10.38668	-10.38668	8.96383
EQy	792	792	0.00	0.00	11.16959	-9.53973	8.96383
EQy	793	793	0.00	0.00	11.88364	-8.63397	8.96383
EQy	794	794	0.00	0.00	12.52442	-7.67497	8.96383
EQy	795	795	0.00	0.00	13.08798	-6.66866	8.96383
EQy	796	796	0.00	0.00	13.57085	-5.62123	8.96383
EQy	797	797	0.00	0.00	13.97005	-4.53915	8.96383
EQy	798	798	0.00	0.00	14.28313	-3.42908	8.96383
EQy	799	799	0.00	0.00	14.50814	-2.29786	8.96383
EQy	800	800	0.00	0.00	14.64370	-1.15248	8.96383
EQy	801	801	0.00	0.00	12.60144	0.99176	9.54600
EQy	802	802	0.00	0.00	12.64041	0.00000	9.54600
EQy	803	803	0.00	0.00	12.48479	1.97740	9.54600
EQy	804	804	0.00	0.00	12.29115	2.95085	9.54600
EQy	805	805	0.00	0.00	12.02174	3.90610	9.54600

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EQy	806	806	0.00	0.00	11.67822	4.83728	9.54600
EQy	807	807	0.00	0.00	11.26269	5.73863	9.54600
EQy	808	808	0.00	0.00	10.77772	6.60460	9.54600
EQy	809	809	0.00	0.00	10.22631	7.42985	9.54600
EQy	810	810	0.00	0.00	9.61184	8.20929	9.54600
EQy	811	811	0.00	0.00	8.93812	8.93812	9.54600
EQy	812	812	0.00	0.00	8.20929	9.61184	9.54600
EQy	813	813	0.00	0.00	7.42985	10.22631	9.54600
EQy	814	814	0.00	0.00	6.60460	10.77772	9.54600
EQy	815	815	0.00	0.00	5.73863	11.26269	9.54600
EQy	816	816	0.00	0.00	4.83728	11.67822	9.54600
EQy	817	817	0.00	0.00	3.90610	12.02174	9.54600
EQy	818	818	0.00	0.00	2.95085	12.29115	9.54600
EQy	819	819	0.00	0.00	1.97740	12.48479	9.54600
EQy	820	820	0.00	0.00	0.99176	12.60144	9.54600
EQy	821	821	0.00	0.00	7.740E-16	12.64041	9.54600
EQy	822	822	0.00	0.00	-0.99176	12.60144	9.54600
EQy	823	823	0.00	0.00	-1.97740	12.48479	9.54600
EQy	824	824	0.00	0.00	-2.95085	12.29115	9.54600
EQy	825	825	0.00	0.00	-3.90610	12.02174	9.54600
EQy	826	826	0.00	0.00	-4.83728	11.67822	9.54600
EQy	827	827	0.00	0.00	-5.73863	11.26269	9.54600
EQy	828	828	0.00	0.00	-6.60460	10.77772	9.54600
EQy	829	829	0.00	0.00	-7.42985	10.22631	9.54600
EQy	830	830	0.00	0.00	-8.20929	9.61184	9.54600
EQy	831	831	0.00	0.00	-8.93812	8.93812	9.54600
EQy	832	832	0.00	0.00	-9.61184	8.20929	9.54600
EQy	833	833	0.00	0.00	-10.22631	7.42985	9.54600
EQy	834	834	0.00	0.00	-10.77772	6.60460	9.54600
EQy	835	835	0.00	0.00	-11.26269	5.73863	9.54600
EQy	836	836	0.00	0.00	-11.67822	4.83728	9.54600
EQy	837	837	0.00	0.00	-12.02174	3.90610	9.54600
EQy	838	838	0.00	0.00	-12.29115	2.95085	9.54600
EQy	839	839	0.00	0.00	-12.48479	1.97740	9.54600
EQy	840	840	0.00	0.00	-12.60144	0.99176	9.54600
EQy	841	841	0.00	0.00	-12.64041	1.548E-15	9.54600
EQy	842	842	0.00	0.00	-12.60144	-0.99176	9.54600
EQy	843	843	0.00	0.00	-12.48479	-1.97740	9.54600
EQy	844	844	0.00	0.00	-12.29115	-2.95085	9.54600
EQy	845	845	0.00	0.00	-12.02174	-3.90610	9.54600
EQy	846	846	0.00	0.00	-11.67822	-4.83728	9.54600
EQy	847	847	0.00	0.00	-11.26269	-5.73863	9.54600
EQy	848	848	0.00	0.00	-10.77772	-6.60460	9.54600
EQy	849	849	0.00	0.00	-10.22631	-7.42985	9.54600
EQy	850	850	0.00	0.00	-9.61184	-8.20929	9.54600
EQy	851	851	0.00	0.00	-8.93812	-8.93812	9.54600
EQy	852	852	0.00	0.00	-8.20929	-9.61184	9.54600
EQy	853	853	0.00	0.00	-7.42985	-10.22631	9.54600
EQy	854	854	0.00	0.00	-6.60460	-10.77772	9.54600
EQy	855	855	0.00	0.00	-5.73863	-11.26269	9.54600
EQy	856	856	0.00	0.00	-4.83728	-11.67822	9.54600
EQy	857	857	0.00	0.00	-3.90610	-12.02174	9.54600
EQy	858	858	0.00	0.00	-2.95085	-12.29115	9.54600
EQy	859	859	0.00	0.00	-1.97740	-12.48479	9.54600
EQy	860	860	0.00	0.00	-0.99176	-12.60144	9.54600
EQy	861	861	0.00	0.00	-2.322E-15	-12.64041	9.54600
EQy	862	862	0.00	0.00	0.99176	-12.60144	9.54600
EQy	863	863	0.00	0.00	1.97740	-12.48479	9.54600
EQy	864	864	0.00	0.00	2.95085	-12.29115	9.54600
EQy	865	865	0.00	0.00	3.90610	-12.02174	9.54600
EQy	866	866	0.00	0.00	4.83728	-11.67822	9.54600
EQy	867	867	0.00	0.00	5.73863	-11.26269	9.54600
EQy	868	868	0.00	0.00	6.60460	-10.77772	9.54600
EQy	869	869	0.00	0.00	7.42985	-10.22631	9.54600
EQy	870	870	0.00	0.00	8.20929	-9.61184	9.54600
EQy	871	871	0.00	0.00	8.93812	-8.93812	9.54600
EQy	872	872	0.00	0.00	9.61184	-8.20929	9.54600
EQy	873	873	0.00	0.00	10.22631	-7.42985	9.54600
EQy	874	874	0.00	0.00	10.77772	-6.60460	9.54600
EQy	875	875	0.00	0.00	11.26269	-5.73863	9.54600
EQy	876	876	0.00	0.00	11.67822	-4.83728	9.54600
EQy	877	877	0.00	0.00	12.02174	-3.90610	9.54600
EQy	878	878	0.00	0.00	12.29115	-2.95085	9.54600
EQy	879	879	0.00	0.00	12.48479	-1.97740	9.54600
EQy	880	880	0.00	0.00	12.60144	-0.99176	9.54600
EQy	881	881	0.00	0.00	10.53632	0.82923	10.04039
EQy	882	882	0.00	0.00	10.56891	0.00000	10.04039
EQy	883	883	0.00	0.00	10.43878	1.65334	10.04039
EQy	884	884	0.00	0.00	10.27689	2.46726	10.04039
EQy	885	885	0.00	0.00	10.05163	3.26597	10.04039



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EQy	886	886	0.00	0.00	9.76440	4.04454	10.04039
EQy	887	887	0.00	0.00	9.41696	4.79818	10.04039
EQy	888	888	0.00	0.00	9.01147	5.52224	10.04039
EQy	889	889	0.00	0.00	8.55042	6.21225	10.04039
EQy	890	890	0.00	0.00	8.03666	6.86395	10.04039
EQy	891	891	0.00	0.00	7.47334	7.47334	10.04039
EQy	892	892	0.00	0.00	6.86395	8.03666	10.04039
EQy	893	893	0.00	0.00	6.21225	8.55042	10.04039
EQy	894	894	0.00	0.00	5.52224	9.01147	10.04039
EQy	895	895	0.00	0.00	4.79818	9.41696	10.04039
EQy	896	896	0.00	0.00	4.04454	9.76440	10.04039
EQy	897	897	0.00	0.00	3.26597	10.05163	10.04039
EQy	898	898	0.00	0.00	2.46726	10.27689	10.04039
EQy	899	899	0.00	0.00	1.65334	10.43878	10.04039
EQy	900	900	0.00	0.00	0.82923	10.53632	10.04039
EQy	901	901	0.00	0.00	6.471E-16	10.56891	10.04039
EQy	902	902	0.00	0.00	-0.82923	10.53632	10.04039
EQy	903	903	0.00	0.00	-1.65334	10.43878	10.04039
EQy	904	904	0.00	0.00	-2.46726	10.27689	10.04039
EQy	905	905	0.00	0.00	-3.26597	10.05163	10.04039
EQy	906	906	0.00	0.00	-4.04454	9.76440	10.04039
EQy	907	907	0.00	0.00	-4.79818	9.41696	10.04039
EQy	908	908	0.00	0.00	-5.52224	9.01147	10.04039
EQy	909	909	0.00	0.00	-6.21225	8.55042	10.04039
EQy	910	910	0.00	0.00	-6.86395	8.03666	10.04039
EQy	911	911	0.00	0.00	-7.47334	7.47334	10.04039
EQy	912	912	0.00	0.00	-8.03666	6.86395	10.04039
EQy	913	913	0.00	0.00	-8.55042	6.21225	10.04039
EQy	914	914	0.00	0.00	-9.01147	5.52224	10.04039
EQy	915	915	0.00	0.00	-9.41696	4.79818	10.04039
EQy	916	916	0.00	0.00	-9.76440	4.04454	10.04039
EQy	917	917	0.00	0.00	-10.05163	3.26597	10.04039
EQy	918	918	0.00	0.00	-10.27689	2.46726	10.04039
EQy	919	919	0.00	0.00	-10.43878	1.65334	10.04039
EQy	920	920	0.00	0.00	-10.53632	0.82923	10.04039
EQy	921	921	0.00	0.00	-10.56891	1.294E-15	10.04039
EQy	922	922	0.00	0.00	-10.53632	-0.82923	10.04039
EQy	923	923	0.00	0.00	-10.43878	-1.65334	10.04039
EQy	924	924	0.00	0.00	-10.27689	-2.46726	10.04039
EQy	925	925	0.00	0.00	-10.05163	-3.26597	10.04039
EQy	926	926	0.00	0.00	-9.76440	-4.04454	10.04039
EQy	927	927	0.00	0.00	-9.41696	-4.79818	10.04039
EQy	928	928	0.00	0.00	-9.01147	-5.52224	10.04039
EQy	929	929	0.00	0.00	-8.55042	-6.21225	10.04039
EQy	930	930	0.00	0.00	-8.03666	-6.86395	10.04039
EQy	931	931	0.00	0.00	-7.47334	-7.47334	10.04039
EQy	932	932	0.00	0.00	-6.86395	-8.03666	10.04039
EQy	933	933	0.00	0.00	-6.21225	-8.55042	10.04039
EQy	934	934	0.00	0.00	-5.52224	-9.01147	10.04039
EQy	935	935	0.00	0.00	-4.79818	-9.41696	10.04039
EQy	936	936	0.00	0.00	-4.04454	-9.76440	10.04039
EQy	937	937	0.00	0.00	-3.26597	-10.05163	10.04039
EQy	938	938	0.00	0.00	-2.46726	-10.27689	10.04039
EQy	939	939	0.00	0.00	-1.65334	-10.43878	10.04039
EQy	940	940	0.00	0.00	-0.82923	-10.53632	10.04039
EQy	941	941	0.00	0.00	-1.941E-15	-10.56891	10.04039
EQy	942	942	0.00	0.00	0.82923	-10.53632	10.04039
EQy	943	943	0.00	0.00	1.65334	-10.43878	10.04039
EQy	944	944	0.00	0.00	2.46726	-10.27689	10.04039
EQy	945	945	0.00	0.00	3.26597	-10.05163	10.04039
EQy	946	946	0.00	0.00	4.04454	-9.76440	10.04039
EQy	947	947	0.00	0.00	4.79818	-9.41696	10.04039
EQy	948	948	0.00	0.00	5.52224	-9.01147	10.04039
EQy	949	949	0.00	0.00	6.21225	-8.55042	10.04039
EQy	950	950	0.00	0.00	6.86395	-8.03666	10.04039
EQy	951	951	0.00	0.00	7.47334	-7.47334	10.04039
EQy	952	952	0.00	0.00	8.03666	-6.86395	10.04039
EQy	953	953	0.00	0.00	8.55042	-6.21225	10.04039
EQy	954	954	0.00	0.00	9.01147	-5.52224	10.04039
EQy	955	955	0.00	0.00	9.41696	-4.79818	10.04039
EQy	956	956	0.00	0.00	9.76440	-4.04454	10.04039
EQy	957	957	0.00	0.00	10.05163	-3.26597	10.04039
EQy	958	958	0.00	0.00	10.27689	-2.46726	10.04039
EQy	959	959	0.00	0.00	10.43878	-1.65334	10.04039
EQy	960	960	0.00	0.00	10.53632	-0.82923	10.04039
EQy	961	961	0.00	0.00	8.45209	0.66519	10.44613
EQy	962	962	0.00	0.00	8.47823	0.00000	10.44613
EQy	963	963	0.00	0.00	8.37384	1.32629	10.44613
EQy	964	964	0.00	0.00	8.24397	1.97920	10.44613
EQy	965	965	0.00	0.00	8.06327	2.61992	10.44613

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EQy	966	966	0.00	0.00	7.83286	3.24448	10.44613
EQy	967	967	0.00	0.00	7.55415	3.84903	10.44613
EQy	968	968	0.00	0.00	7.22888	4.42986	10.44613
EQy	969	969	0.00	0.00	6.85903	4.98338	10.44613
EQy	970	970	0.00	0.00	6.44689	5.50617	10.44613
EQy	971	971	0.00	0.00	5.99501	5.99501	10.44613
EQy	972	972	0.00	0.00	5.50617	6.44689	10.44613
EQy	973	973	0.00	0.00	4.98338	6.85903	10.44613
EQy	974	974	0.00	0.00	4.42986	7.22888	10.44613
EQy	975	975	0.00	0.00	3.84903	7.55415	10.44613
EQy	976	976	0.00	0.00	3.24448	7.83286	10.44613
EQy	977	977	0.00	0.00	2.61992	8.06327	10.44613
EQy	978	978	0.00	0.00	1.97920	8.24397	10.44613
EQy	979	979	0.00	0.00	1.32629	8.37384	10.44613
EQy	980	980	0.00	0.00	0.66519	8.45209	10.44613
EQy	981	981	0.00	0.00	5.191E-16	8.47823	10.44613
EQy	982	982	0.00	0.00	-0.66519	8.45209	10.44613
EQy	983	983	0.00	0.00	-1.32629	8.37384	10.44613
EQy	984	984	0.00	0.00	-1.97920	8.24397	10.44613
EQy	985	985	0.00	0.00	-2.61992	8.06327	10.44613
EQy	986	986	0.00	0.00	-3.24448	7.83286	10.44613
EQy	987	987	0.00	0.00	-3.84903	7.55415	10.44613
EQy	988	988	0.00	0.00	-4.42986	7.22888	10.44613
EQy	989	989	0.00	0.00	-4.98338	6.85903	10.44613
EQy	990	990	0.00	0.00	-5.50617	6.44689	10.44613
EQy	991	991	0.00	0.00	-5.99501	5.99501	10.44613
EQy	992	992	0.00	0.00	-6.44689	5.50617	10.44613
EQy	993	993	0.00	0.00	-6.85903	4.98338	10.44613
EQy	994	994	0.00	0.00	-7.22888	4.42986	10.44613
EQy	995	995	0.00	0.00	-7.55415	3.84903	10.44613
EQy	996	996	0.00	0.00	-7.83286	3.24448	10.44613
EQy	997	997	0.00	0.00	-8.06327	2.61992	10.44613
EQy	998	998	0.00	0.00	-8.24397	1.97920	10.44613
EQy	999	999	0.00	0.00	-8.37384	1.32629	10.44613
EQy	1000	1000	0.00	0.00	-8.45209	0.66519	10.44613
EQy	1001	1001	0.00	0.00	-8.47823	1.038E-15	10.44613
EQy	1002	1002	0.00	0.00	-8.45209	-0.66519	10.44613
EQy	1003	1003	0.00	0.00	-8.37384	-1.32629	10.44613
EQy	1004	1004	0.00	0.00	-8.24397	-1.97920	10.44613
EQy	1005	1005	0.00	0.00	-8.06327	-2.61992	10.44613
EQy	1006	1006	0.00	0.00	-7.83286	-3.24448	10.44613
EQy	1007	1007	0.00	0.00	-7.55415	-3.84903	10.44613
EQy	1008	1008	0.00	0.00	-7.22888	-4.42986	10.44613
EQy	1009	1009	0.00	0.00	-6.85903	-4.98338	10.44613
EQy	1010	1010	0.00	0.00	-6.44689	-5.50617	10.44613
EQy	1011	1011	0.00	0.00	-5.99501	-5.99501	10.44613
EQy	1012	1012	0.00	0.00	-5.50617	-6.44689	10.44613
EQy	1013	1013	0.00	0.00	-4.98338	-6.85903	10.44613
EQy	1014	1014	0.00	0.00	-4.42986	-7.22888	10.44613
EQy	1015	1015	0.00	0.00	-3.84903	-7.55415	10.44613
EQy	1016	1016	0.00	0.00	-3.24448	-7.83286	10.44613
EQy	1017	1017	0.00	0.00	-2.61992	-8.06327	10.44613
EQy	1018	1018	0.00	0.00	-1.97920	-8.24397	10.44613
EQy	1019	1019	0.00	0.00	-1.32629	-8.37384	10.44613
EQy	1020	1020	0.00	0.00	-0.66519	-8.45209	10.44613
EQy	1021	1021	0.00	0.00	-1.557E-15	-8.47823	10.44613
EQy	1022	1022	0.00	0.00	0.66519	-8.45209	10.44613
EQy	1023	1023	0.00	0.00	1.32629	-8.37384	10.44613
EQy	1024	1024	0.00	0.00	1.97920	-8.24397	10.44613
EQy	1025	1025	0.00	0.00	2.61992	-8.06327	10.44613
EQy	1026	1026	0.00	0.00	3.24448	-7.83286	10.44613
EQy	1027	1027	0.00	0.00	3.84903	-7.55415	10.44613
EQy	1028	1028	0.00	0.00	4.42986	-7.22888	10.44613
EQy	1029	1029	0.00	0.00	4.98338	-6.85903	10.44613
EQy	1030	1030	0.00	0.00	5.50617	-6.44689	10.44613
EQy	1031	1031	0.00	0.00	5.99501	-5.99501	10.44613
EQy	1032	1032	0.00	0.00	6.44689	-5.50617	10.44613
EQy	1033	1033	0.00	0.00	6.85903	-4.98338	10.44613
EQy	1034	1034	0.00	0.00	7.22888	-4.42986	10.44613
EQy	1035	1035	0.00	0.00	7.55415	-3.84903	10.44613
EQy	1036	1036	0.00	0.00	7.83286	-3.24448	10.44613
EQy	1037	1037	0.00	0.00	8.06327	-2.61992	10.44613
EQy	1038	1038	0.00	0.00	8.24397	-1.97920	10.44613
EQy	1039	1039	0.00	0.00	8.37384	-1.32629	10.44613
EQy	1040	1040	0.00	0.00	8.45209	-0.66519	10.44613
EQy	1041	1041	0.00	0.00	6.35252	0.49995	10.76247
EQy	1042	1042	0.00	0.00	6.37216	0.00000	10.76247
EQy	1043	1043	0.00	0.00	6.29371	0.99683	10.76247
EQy	1044	1044	0.00	0.00	6.19610	1.48755	10.76247
EQy	1045	1045	0.00	0.00	6.06029	1.96911	10.76247

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EQy	1046	1046	0.00	0.00	5.88711	2.43852	10.76247
EQy	1047	1047	0.00	0.00	5.67764	2.89290	10.76247
EQy	1048	1048	0.00	0.00	5.43316	3.32945	10.76247
EQy	1049	1049	0.00	0.00	5.15519	3.74546	10.76247
EQy	1050	1050	0.00	0.00	4.84543	4.13839	10.76247
EQy	1051	1051	0.00	0.00	4.50580	4.50580	10.76247
EQy	1052	1052	0.00	0.00	4.13839	4.84543	10.76247
EQy	1053	1053	0.00	0.00	3.74546	5.15519	10.76247
EQy	1054	1054	0.00	0.00	3.32945	5.43316	10.76247
EQy	1055	1055	0.00	0.00	2.89290	5.67764	10.76247
EQy	1056	1056	0.00	0.00	2.43852	5.88711	10.76247
EQy	1057	1057	0.00	0.00	1.96911	6.06029	10.76247
EQy	1058	1058	0.00	0.00	1.48755	6.19610	10.76247
EQy	1059	1059	0.00	0.00	0.99683	6.29371	10.76247
EQy	1060	1060	0.00	0.00	0.49995	6.35252	10.76247
EQy	1061	1061	0.00	0.00	3.902E-16	6.37216	10.76247
EQy	1062	1062	0.00	0.00	-0.49995	6.35252	10.76247
EQy	1063	1063	0.00	0.00	-0.99683	6.29371	10.76247
EQy	1064	1064	0.00	0.00	-1.48755	6.19610	10.76247
EQy	1065	1065	0.00	0.00	-1.96911	6.06029	10.76247
EQy	1066	1066	0.00	0.00	-2.43852	5.88711	10.76247
EQy	1067	1067	0.00	0.00	-2.89290	5.67764	10.76247
EQy	1068	1068	0.00	0.00	-3.32945	5.43316	10.76247
EQy	1069	1069	0.00	0.00	-3.74546	5.15519	10.76247
EQy	1070	1070	0.00	0.00	-4.13839	4.84543	10.76247
EQy	1071	1071	0.00	0.00	-4.50580	4.50580	10.76247
EQy	1072	1072	0.00	0.00	-4.84543	4.13839	10.76247
EQy	1073	1073	0.00	0.00	-5.15519	3.74546	10.76247
EQy	1074	1074	0.00	0.00	-5.43316	3.32945	10.76247
EQy	1075	1075	0.00	0.00	-5.67764	2.89290	10.76247
EQy	1076	1076	0.00	0.00	-5.88711	2.43852	10.76247
EQy	1077	1077	0.00	0.00	-6.06029	1.96911	10.76247
EQy	1078	1078	0.00	0.00	-6.19610	1.48755	10.76247
EQy	1079	1079	0.00	0.00	-6.29371	0.99683	10.76247
EQy	1080	1080	0.00	0.00	-6.35252	0.49995	10.76247
EQy	1081	1081	0.00	0.00	-6.37216	7.803E-16	10.76247
EQy	1082	1082	0.00	0.00	-6.35252	-0.49995	10.76247
EQy	1083	1083	0.00	0.00	-6.29371	-0.99683	10.76247
EQy	1084	1084	0.00	0.00	-6.19610	-1.48755	10.76247
EQy	1085	1085	0.00	0.00	-6.06029	-1.96911	10.76247
EQy	1086	1086	0.00	0.00	-5.88711	-2.43852	10.76247
EQy	1087	1087	0.00	0.00	-5.67764	-2.89290	10.76247
EQy	1088	1088	0.00	0.00	-5.43316	-3.32945	10.76247
EQy	1089	1089	0.00	0.00	-5.15519	-3.74546	10.76247
EQy	1090	1090	0.00	0.00	-4.84543	-4.13839	10.76247
EQy	1091	1091	0.00	0.00	-4.50580	-4.50580	10.76247
EQy	1092	1092	0.00	0.00	-4.13839	-4.84543	10.76247
EQy	1093	1093	0.00	0.00	-3.74546	-5.15519	10.76247
EQy	1094	1094	0.00	0.00	-3.32945	-5.43316	10.76247
EQy	1095	1095	0.00	0.00	-2.89290	-5.67764	10.76247
EQy	1096	1096	0.00	0.00	-2.43852	-5.88711	10.76247
EQy	1097	1097	0.00	0.00	-1.96911	-6.06029	10.76247
EQy	1098	1098	0.00	0.00	-1.48755	-6.19610	10.76247
EQy	1099	1099	0.00	0.00	-0.99683	-6.29371	10.76247
EQy	1100	1100	0.00	0.00	-0.49995	-6.35252	10.76247
EQy	1101	1101	0.00	0.00	-1.171E-15	-6.37216	10.76247
EQy	1102	1102	0.00	0.00	0.49995	-6.35252	10.76247
EQy	1103	1103	0.00	0.00	0.99683	-6.29371	10.76247
EQy	1104	1104	0.00	0.00	1.48755	-6.19610	10.76247
EQy	1105	1105	0.00	0.00	1.96911	-6.06029	10.76247
EQy	1106	1106	0.00	0.00	2.43852	-5.88711	10.76247
EQy	1107	1107	0.00	0.00	2.89290	-5.67764	10.76247
EQy	1108	1108	0.00	0.00	3.32945	-5.43316	10.76247
EQy	1109	1109	0.00	0.00	3.74546	-5.15519	10.76247
EQy	1110	1110	0.00	0.00	4.13839	-4.84543	10.76247
EQy	1111	1111	0.00	0.00	4.50580	-4.50580	10.76247
EQy	1112	1112	0.00	0.00	4.84543	-4.13839	10.76247
EQy	1113	1113	0.00	0.00	5.15519	-3.74546	10.76247
EQy	1114	1114	0.00	0.00	5.43316	-3.32945	10.76247
EQy	1115	1115	0.00	0.00	5.67764	-2.89290	10.76247
EQy	1116	1116	0.00	0.00	5.88711	-2.43852	10.76247
EQy	1117	1117	0.00	0.00	6.06029	-1.96911	10.76247
EQy	1118	1118	0.00	0.00	6.19610	-1.48755	10.76247
EQy	1119	1119	0.00	0.00	6.29371	-0.99683	10.76247
EQy	1120	1120	0.00	0.00	6.35252	-0.49995	10.76247
EQy	1121	1121	0.00	0.00	4.24143	0.33381	10.98884
EQy	1122	1122	0.00	0.00	4.25454	0.00000	10.98884
EQy	1123	1123	0.00	0.00	4.20216	0.66556	10.98884
EQy	1124	1124	0.00	0.00	4.13699	0.99320	10.98884
EQy	1125	1125	0.00	0.00	4.04631	1.31473	10.98884

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EQy	1126	1126	0.00	0.00	3.93069	1.62814	10.98884
EQy	1127	1127	0.00	0.00	3.79083	1.93152	10.98884
EQy	1128	1128	0.00	0.00	3.62759	2.22299	10.98884
EQy	1129	1129	0.00	0.00	3.44200	2.50076	10.98884
EQy	1130	1130	0.00	0.00	3.23518	2.76310	10.98884
EQy	1131	1131	0.00	0.00	3.00842	3.00842	10.98884
EQy	1132	1132	0.00	0.00	2.76310	3.23518	10.98884
EQy	1133	1133	0.00	0.00	2.50076	3.44200	10.98884
EQy	1134	1134	0.00	0.00	2.22299	3.62759	10.98884
EQy	1135	1135	0.00	0.00	1.93152	3.79083	10.98884
EQy	1136	1136	0.00	0.00	1.62814	3.93069	10.98884
EQy	1137	1137	0.00	0.00	1.31473	4.04631	10.98884
EQy	1138	1138	0.00	0.00	0.99320	4.13699	10.98884
EQy	1139	1139	0.00	0.00	0.66556	4.20216	10.98884
EQy	1140	1140	0.00	0.00	0.33381	4.24143	10.98884
EQy	1141	1141	0.00	0.00	2.605E-16	4.25454	10.98884
EQy	1142	1142	0.00	0.00	-0.33381	4.24143	10.98884
EQy	1143	1143	0.00	0.00	-0.66556	4.20216	10.98884
EQy	1144	1144	0.00	0.00	-0.99320	4.13699	10.98884
EQy	1145	1145	0.00	0.00	-1.31473	4.04631	10.98884
EQy	1146	1146	0.00	0.00	-1.62814	3.93069	10.98884
EQy	1147	1147	0.00	0.00	-1.93152	3.79083	10.98884
EQy	1148	1148	0.00	0.00	-2.22299	3.62759	10.98884
EQy	1149	1149	0.00	0.00	-2.50076	3.44200	10.98884
EQy	1150	1150	0.00	0.00	-2.76310	3.23518	10.98884
EQy	1151	1151	0.00	0.00	-3.00842	3.00842	10.98884
EQy	1152	1152	0.00	0.00	-3.23518	2.76310	10.98884
EQy	1153	1153	0.00	0.00	-3.44200	2.50076	10.98884
EQy	1154	1154	0.00	0.00	-3.62759	2.22299	10.98884
EQy	1155	1155	0.00	0.00	-3.79083	1.93152	10.98884
EQy	1156	1156	0.00	0.00	-3.93069	1.62814	10.98884
EQy	1157	1157	0.00	0.00	-4.04631	1.31473	10.98884
EQy	1158	1158	0.00	0.00	-4.13699	0.99320	10.98884
EQy	1159	1159	0.00	0.00	-4.20216	0.66556	10.98884
EQy	1160	1160	0.00	0.00	-4.24143	0.33381	10.98884
EQy	1161	1161	0.00	0.00	-4.25454	5.210E-16	10.98884
EQy	1162	1162	0.00	0.00	-4.24143	-0.33381	10.98884
EQy	1163	1163	0.00	0.00	-4.20216	-0.66556	10.98884
EQy	1164	1164	0.00	0.00	-4.13699	-0.99320	10.98884
EQy	1165	1165	0.00	0.00	-4.04631	-1.31473	10.98884
EQy	1166	1166	0.00	0.00	-3.93069	-1.62814	10.98884
EQy	1167	1167	0.00	0.00	-3.79083	-1.93152	10.98884
EQy	1168	1168	0.00	0.00	-3.62759	-2.22299	10.98884
EQy	1169	1169	0.00	0.00	-3.44200	-2.50076	10.98884
EQy	1170	1170	0.00	0.00	-3.23518	-2.76310	10.98884
EQy	1171	1171	0.00	0.00	-3.00842	-3.00842	10.98884
EQy	1172	1172	0.00	0.00	-2.76310	-3.23518	10.98884
EQy	1173	1173	0.00	0.00	-2.50076	-3.44200	10.98884
EQy	1174	1174	0.00	0.00	-2.22299	-3.62759	10.98884
EQy	1175	1175	0.00	0.00	-1.93152	-3.79083	10.98884
EQy	1176	1176	0.00	0.00	-1.62814	-3.93069	10.98884
EQy	1177	1177	0.00	0.00	-1.31473	-4.04631	10.98884
EQy	1178	1178	0.00	0.00	-0.99320	-4.13699	10.98884
EQy	1179	1179	0.00	0.00	-0.66556	-4.20216	10.98884
EQy	1180	1180	0.00	0.00	-0.33381	-4.24143	10.98884
EQy	1181	1181	0.00	0.00	-7.815E-16	-4.25454	10.98884
EQy	1182	1182	0.00	0.00	0.33381	-4.24143	10.98884
EQy	1183	1183	0.00	0.00	0.66556	-4.20216	10.98884
EQy	1184	1184	0.00	0.00	0.99320	-4.13699	10.98884
EQy	1185	1185	0.00	0.00	1.31473	-4.04631	10.98884
EQy	1186	1186	0.00	0.00	1.62814	-3.93069	10.98884
EQy	1187	1187	0.00	0.00	1.93152	-3.79083	10.98884
EQy	1188	1188	0.00	0.00	2.22299	-3.62759	10.98884
EQy	1189	1189	0.00	0.00	2.50076	-3.44200	10.98884
EQy	1190	1190	0.00	0.00	2.76310	-3.23518	10.98884
EQy	1191	1191	0.00	0.00	3.00842	-3.00842	10.98884
EQy	1192	1192	0.00	0.00	3.23518	-2.76310	10.98884
EQy	1193	1193	0.00	0.00	3.44200	-2.50076	10.98884
EQy	1194	1194	0.00	0.00	3.62759	-2.22299	10.98884
EQy	1195	1195	0.00	0.00	3.79083	-1.93152	10.98884
EQy	1196	1196	0.00	0.00	3.93069	-1.62814	10.98884
EQy	1197	1197	0.00	0.00	4.04631	-1.31473	10.98884
EQy	1198	1198	0.00	0.00	4.13699	-0.99320	10.98884
EQy	1199	1199	0.00	0.00	4.20216	-0.66556	10.98884
EQy	1200	1200	0.00	0.00	4.24143	-0.33381	10.98884
EQy	1201	1201	0.00	0.00	2.12264	0.16706	11.12482
EQy	1202	1202	0.00	0.00	2.12920	0.00000	11.12482
EQy	1203	1203	0.00	0.00	2.10299	0.33308	11.12482
EQy	1204	1204	0.00	0.00	2.07037	0.49705	11.12482
EQy	1205	1205	0.00	0.00	2.02499	0.65796	11.12482

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EQy	1206	1206	0.00	0.00	1.96713	0.81481	11.12482
EQy	1207	1207	0.00	0.00	1.89713	0.96664	11.12482
EQy	1208	1208	0.00	0.00	1.81544	1.11251	11.12482
EQy	1209	1209	0.00	0.00	1.72256	1.25151	11.12482
EQy	1210	1210	0.00	0.00	1.61906	1.38281	11.12482
EQy	1211	1211	0.00	0.00	1.50557	1.50557	11.12482
EQy	1212	1212	0.00	0.00	1.38281	1.61906	11.12482
EQy	1213	1213	0.00	0.00	1.25151	1.72256	11.12482
EQy	1214	1214	0.00	0.00	1.11251	1.81544	11.12482
EQy	1215	1215	0.00	0.00	0.96664	1.89713	11.12482
EQy	1216	1216	0.00	0.00	0.81481	1.96713	11.12482
EQy	1217	1217	0.00	0.00	0.65796	2.02499	11.12482
EQy	1218	1218	0.00	0.00	0.49705	2.07037	11.12482
EQy	1219	1219	0.00	0.00	0.33308	2.10299	11.12482
EQy	1220	1220	0.00	0.00	0.16706	2.12264	11.12482
EQy	1221	1221	0.00	0.00	1.304E-16	2.12920	11.12482
EQy	1222	1222	0.00	0.00	-0.16706	2.12264	11.12482
EQy	1223	1223	0.00	0.00	-0.33308	2.10299	11.12482
EQy	1224	1224	0.00	0.00	-0.49705	2.07037	11.12482
EQy	1225	1225	0.00	0.00	-0.65796	2.02499	11.12482
EQy	1226	1226	0.00	0.00	-0.81481	1.96713	11.12482
EQy	1227	1227	0.00	0.00	-0.96664	1.89713	11.12482
EQy	1228	1228	0.00	0.00	-1.11251	1.81544	11.12482
EQy	1229	1229	0.00	0.00	-1.25151	1.72256	11.12482
EQy	1230	1230	0.00	0.00	-1.38281	1.61906	11.12482
EQy	1231	1231	0.00	0.00	-1.50557	1.50557	11.12482
EQy	1232	1232	0.00	0.00	-1.61906	1.38281	11.12482
EQy	1233	1233	0.00	0.00	-1.72256	1.25151	11.12482
EQy	1234	1234	0.00	0.00	-1.81544	1.11251	11.12482
EQy	1235	1235	0.00	0.00	-1.89713	0.96664	11.12482
EQy	1236	1236	0.00	0.00	-1.96713	0.81481	11.12482
EQy	1237	1237	0.00	0.00	-2.02499	0.65796	11.12482
EQy	1238	1238	0.00	0.00	-2.07037	0.49705	11.12482
EQy	1239	1239	0.00	0.00	-2.10299	0.33308	11.12482
EQy	1240	1240	0.00	0.00	-2.12264	0.16706	11.12482
EQy	1241	1241	0.00	0.00	-2.12920	2.607E-16	11.12482
EQy	1242	1242	0.00	0.00	-2.12264	-0.16706	11.12482
EQy	1243	1243	0.00	0.00	-2.10299	-0.33308	11.12482
EQy	1244	1244	0.00	0.00	-2.07037	-0.49705	11.12482
EQy	1245	1245	0.00	0.00	-2.02499	-0.65796	11.12482
EQy	1246	1246	0.00	0.00	-1.96713	-0.81481	11.12482
EQy	1247	1247	0.00	0.00	-1.89713	-0.96664	11.12482
EQy	1248	1248	0.00	0.00	-1.81544	-1.11251	11.12482
EQy	1249	1249	0.00	0.00	-1.72256	-1.25151	11.12482
EQy	1250	1250	0.00	0.00	-1.61906	-1.38281	11.12482
EQy	1251	1251	0.00	0.00	-1.50557	-1.50557	11.12482
EQy	1252	1252	0.00	0.00	-1.38281	-1.61906	11.12482
EQy	1253	1253	0.00	0.00	-1.25151	-1.72256	11.12482
EQy	1254	1254	0.00	0.00	-1.11251	-1.81544	11.12482
EQy	1255	1255	0.00	0.00	-0.96664	-1.89713	11.12482
EQy	1256	1256	0.00	0.00	-0.81481	-1.96713	11.12482
EQy	1257	1257	0.00	0.00	-0.65796	-2.02499	11.12482
EQy	1258	1258	0.00	0.00	-0.49705	-2.07037	11.12482
EQy	1259	1259	0.00	0.00	-0.33308	-2.10299	11.12482
EQy	1260	1260	0.00	0.00	-0.16706	-2.12264	11.12482
EQy	1261	1261	0.00	0.00	-3.911E-16	-2.12920	11.12482
EQy	1262	1262	0.00	0.00	0.16706	-2.12264	11.12482
EQy	1263	1263	0.00	0.00	0.33308	-2.10299	11.12482
EQy	1264	1264	0.00	0.00	0.49705	-2.07037	11.12482
EQy	1265	1265	0.00	0.00	0.65796	-2.02499	11.12482
EQy	1266	1266	0.00	0.00	0.81481	-1.96713	11.12482
EQy	1267	1267	0.00	0.00	0.96664	-1.89713	11.12482
EQy	1268	1268	0.00	0.00	1.11251	-1.81544	11.12482
EQy	1269	1269	0.00	0.00	1.25151	-1.72256	11.12482
EQy	1270	1270	0.00	0.00	1.38281	-1.61906	11.12482
EQy	1271	1271	0.00	0.00	1.50557	-1.50557	11.12482
EQy	1272	1272	0.00	0.00	1.61906	-1.38281	11.12482
EQy	1273	1273	0.00	0.00	1.72256	-1.25151	11.12482
EQy	1274	1274	0.00	0.00	1.81544	-1.11251	11.12482
EQy	1275	1275	0.00	0.00	1.89713	-0.96664	11.12482
EQy	1276	1276	0.00	0.00	1.96713	-0.81481	11.12482
EQy	1277	1277	0.00	0.00	2.02499	-0.65796	11.12482
EQy	1278	1278	0.00	0.00	2.07037	-0.49705	11.12482
EQy	1279	1279	0.00	0.00	2.10299	-0.33308	11.12482
EQy	1280	1280	0.00	0.00	2.12264	-0.16706	11.12482

Table: Case - Static 1 - Load Assignments

Case	LoadType	LoadName	LoadSF
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Text	Text	Text	Unitless
DEAD	Load case	DEAD	1.000000
LIVE	Load case	LIVE	1.000000
EQx	Load case	EQx	1.000000
WIND	Load case	WIND	1.000000
SNOW	Load case	SNOW	1.000000
ULL	Load case	ULL	1.000000
EQy	Load case	EQy	1.000000
vaccum	Load case	vaccum	1.000000

Table: Frame Section Properties 1 - General, Part 1 of 6

SectionName	Material	Shape	t3	t2	tf	tw
Text	Text	Text	m	m	m	m
IPE140	STEEL	I/Wide Flange	0.140000	0.073000	0.006900	0.004700
IPE160	STEEL	I/Wide Flange	0.160000	0.082000	0.007400	0.005000
IPE270	STEEL	I/Wide Flange	0.270000	0.135000	0.010200	0.006600
RING	STEEL	General	0.270000	0.360000		

Table: Frame Section Properties 1 - General, Part 2 of 6

SectionName	t2b	tfb	Area	TorsConst	I33	I22	AS2
Text	m	m	m2	m4	m4	m4	m2
IPE140	0.073000	0.006900	0.001640	2.400E-08	5.410E-06	4.490E-07	0.000658
IPE160	0.082000	0.007400	0.002010	3.540E-08	8.690E-06	6.830E-07	0.000800
IPE270	0.135000	0.010200	0.004590	1.590E-07	0.000058	4.200E-06	0.001782
RING		0.014544	1.000E-08	0.000174	0.000157	0.000100	

Table: Frame Section Properties 1 - General, Part 3 of 6

SectionName	AS3	S33	S22	Z33	Z22	R33	R22
Text	m2	m3	m3	m3	m3	m	m
IPE140	0.000840	0.000077	0.000012	0.000088	0.000019	0.057435	0.016546
IPE160	0.001011	0.000109	0.000017	0.000124	0.000026	0.065752	0.018434
IPE270	0.002295	0.000429	0.000062	0.000484	0.000097	0.112314	0.030250
RING	0.000100	0.001286	0.000874	1.000E-06	1.000E-06	0.109270	0.103978

Table: Frame Section Properties 1 - General, Part 4 of 6

SectionName	ConcCol	ConcBeam	Color	TotalWt	TotalMass	FromFile	AMod
Text	Yes/No	Yes/No	Text	Kgf	Kgf-s2/m	Yes/No	Unitless
IPE140	No	No	Yellow	35094.08	3578.60	Yes	1.000000
IPE160	No	No	Magenta	15279.14	1558.04	Yes	1.000000
IPE270	No	No	Red	59846.65	6102.66	Yes	1.000000
RING	No	No	Cyan	22421.46	2286.35	No	1.000000

Table: Frame Section Properties 1 - General, Part 5 of 6

SectionName	A2Mod	A3Mod	JMod	I2Mod	I3Mod	MMod	WMod
Text	Unitless	Unitless	Unitless	Unitless	Unitless	Unitless	Unitless
IPE140	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000
IPE160	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000
IPE270	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000
RING	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000

Table: Frame Section Properties 1 - General, Part 6 of 6

SectionName	SectInFile	FileName
Text	Text	Text
IPE140	IPE140	c:\program files\computers and structures\sap2000\euro.pro
IPE160	IPE160	c:\program files\computers and structures\sap2000\euro.pro
IPE270	IPE270	c:\program files\computers and structures\sap2000\euro.pro
RING		

Table: Load Case Definitions

LoadCase	DesignType	SelfWtMult	AutoLoad
Text	Text	Unitless	Text
DEAD	DEAD	1.000000	
LIVE	LIVE	0.000000	
EQx	QUAKE	0.000000	USER COEFF



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WIND WIND 0.000000 None
 SNOW SNOW 0.000000
 ULL LIVE 0.000000
 EQy QUAKE 0.000000 USER COEFF
 vaccum OTHER 0.000000

Table: Material Properties 1 - General, Part 1 of 2

Material	Type	DesignType	UnitMass	UnitWeight	E	U	A
Text	Text	Text	Kgf-s2/m4	Kgf/m3	Kgf/m2	Unitless	1/C
ALUM	Isotropic	Aluminum	2.7680E+02	2.7126E+03	7101003224	0.330000	2.3580E-05
CLDFRM	Isotropic	ColdFormed	8.0038E+02	7.8490E+03	2.074E+10	0.300000	1.1700E-05
CONC	Isotropic	Concrete	2.4501E+02	2.4028E+03	2531050654	0.200000	9.9000E-06
OTHER	Isotropic	None	2.4480E+02	2.4026E+03	2531050654	0.200000	9.9000E-06
STEEL	Isotropic	Steel	8.0038E+02	7.8490E+03	2.039E+10	0.300000	1.1700E-05

Table: Material Properties 1 - General, Part 2 of 2

Material	MDampRatio	VDampMass	VDampStiff	HDampMass	HDampStiff	NumAdvance	Color
Text	Unitless	1/Sec	Sec	1/Sec2	Unitless	Unitless	Text
ALUM	0.0000	0.0000	0.0000	0.0000	0.000000	0	White
CLDFRM	0.0000	0.0000	0.0000	0.0000	0.000000	0	Gray8Dark
CONC	0.0000	0.0000	0.0000	0.0000	0.000000	0	Yellow
OTHER	0.0000	0.0000	0.0000	0.0000	0.000000	0	Blue
STEEL	0.0000	0.0000	0.0000	0.0000	0.000000	0	Magenta

Table: Material Properties 3 - Design Steel

Material	Fy	Fu
Text	Kgf/m2	Kgf/m2
STEEL	25310506.54	40778038.32

Table: Material Properties 4 - Design Concrete

Material	Fc	RebarFy	RebarFys	LtWtConc	LtWtFact
Text	Kgf/m2	Kgf/m2	Kgf/m2	Yes/No	Unitless
CONC	2812278.50	42184177.57	28122785.05	No	1.000000

Table: Material Properties 5 - Design Aluminum

Material	AlumType	Alloy	Ftu	Fty	Fcy	Fsu	Fsy
Text	Text	Text	Kgf/m2	Kgf/m2	Kgf/m2	Kgf/m2	Kgf/m2
ALUM	Wrought	6061-T6	38.00	35.00	35.00	24.00	20.00

Table: Material Properties 6 - Design ColdFormed

Material	Fy	Fu
Text	Kgf/m2	Kgf/m2
CLDFRM	25310506.54	40778038.32

Table: Program Control, Part 1 of 2

ProgramName	Version	ProgLevel	CurrUnits	SteelCode	ConcCode
Text	Text	Text	Text	Text	Text
SAP2000	8.3.3	Nonlinear	Kgf, m, C	AISC-ASD89	ACI 318-99

Table: Program Control, Part 2 of 2

AlumCode
Text
AA-ASD 2000