

## BASIC RETRIEVAL INFORMATION:

Orbit number : 120875

Path number : 44

Block number : 59

Date acquired : 2022-09-08

UTC time : 18:49:00

MINX version : V4.0

User name : katherinejunghenn

Date digitized : 2022-09-12

Region name : O120875-B059-SPWB01

Region aerosol type : Smoke

Region geometry type : Polygon

Region wind dir type : Direction  
provided

Retrieved with band : Both - Blue

Retrieved with matcher : Medium

Retrieved with cameras : A B C

Retrieval precision : Normal

Min ht > terrain (km) : 0.000

Max ht > sealevel (km) : 30.000

Sample spacing (km) : 0.550

Registration corrected : Yes

Image color equalized : No

Level 1 radiance file : MISR\_AM1\_GRP\_TERRAIN\_GM\_P044\_O120875\_AN\_F03\_0024.hdf

Terrain elevation file : MISR\_AM1\_AGP\_P044\_F01\_24.hdf

Cam/Sun Geometry file : MISR\_AM1\_GP\_GMP\_P044\_O120875\_F03\_0013.hdf

SVM Classifiers file : Not Loaded

Aerosol product file : Not Loaded

IGBP biome grid file : MODIS\_MCD12C1\_IGBP\_BiomeGrid\_2008.dat

First point longitude : -120.699

First point latitude : 39.012

Geographic region : NorthAmerica, 3

Biome IGBP name, class : Evergreen Needleleaf  
forest, 1

Red/blue band better? :

Perimeter length (km) : 245

Area (sq km) : 2146

Area per point (sq km) : 0.303

Num. heights retrieved : 3596

Percent area covered : 51

Fire elev. (m > MSL) : 697

Median ht (m > fire) : 742

Max ht (m > fire) : 3950

Ht std. deviation (m) : 1071

Ht local variation (m) : 103

|WndDir-AlongDir|(deg) : 30

Total fire power (MW) : 2476

Retrieval quality est. : Good

Plume has pyro-cumulus : No

Comments by digitizer : None

**POLYGON:** 24 points in this table define the digitized bounding polygon if present.

Pt#	Latitude	Longitude	Block	Sample	Line
1	-120.756	39.038	59	1259	366
2	-120.853	38.994	59	1231	388
3	-120.929	38.982	59	1208	396
4	-120.955	38.93	59	1203	418
5	-120.959	38.835	59	1207	456
6	-120.999	38.647	60	1205	21
7	-121.024	38.6	60	1200	41
8	-120.954	38.527	60	1226	67
9	-120.916	38.365	60	1247	130
10	-120.885	38.272	60	1262	166
11	-120.753	38.249	60	1305	169
12	-120.805	38.435	60	1278	97
13	-120.758	38.57	60	1285	41
14	-120.636	38.594	60	1322	26
15	-120.717	38.708	59	1290	496
16	-120.599	38.808	59	1321	451
17	-120.541	38.828	59	1338	440
18	-120.518	38.951	59	1338	390
19	-120.489	39.003	59	1344	368
20	-120.554	39.05	59	1321	352
21	-120.606	39.101	59	1302	334
22	-120.675	39.094	59	1281	340
23	-120.74	39.069	59	1262	353
24	-120.756	39.038	59	1259	366

**DIRECTION:** 2 points in this table define the digitized direction line if present.

Pt#	Latitude	Longitude	Block	Sample	Line
1	-120.756	39.038	59	1259	366
2	-120.333	38.201	60	1440	169

**RESULTS:** 4772 points in this table are samples where NoWnd heights or fire power were retrieved.

Pt#	Latitude	Longitude	Block	Sample	Line	km to Pt	Deg CW	Terr. Elev.	NoWnd Ht.	Wind Corr.	Cross-Trk	Along-Trk	Total
						1	Rel. to N	(m)	(m)	Ht. (m)	Wind (m/s)	Wind (m/s)	Wind (m/s)
1	-120.756	39.038	59	1259	366	0	158	1016	-9999	-9999	-99.9	-99.9	-99.9
2	-121.015	38.611	60	1202	36	52.4	158	211	402	-9999	-99.9	-99.9	-99.9
3	-121.018	38.597	60	1202	42	54	158	215	246	-9999	-99.9	-99.9	-99.9
4	-120.95	38.939	59	1204	414	20.1	158	320	274	-9999	-99.9	-99.9	-99.9
5	-120.951	38.934	59	1204	416	20.4	158	420	352	-9999	-99.9	-99.9	-99.9
6	-120.952	38.929	59	1204	418	20.8	158	420	382	-9999	-99.9	-99.9	-99.9
7	-120.952	38.925	59	1204	420	21.2	158	542	515	-9999	-99.9	-99.9	-99.9
8	-120.953	38.92	59	1204	422	21.6	158	542	525	-9999	-99.9	-99.9	-99.9
9	-120.954	38.915	59	1204	424	22	158	554	627	648	0.2	-0.2	0.3
10	-121.004	38.635	60	1204	26	49.7	158	313	399	517	0.9	-1.3	1.6
11	-121.005	38.63	60	1204	28	50.2	158	266	361	-9999	-99.9	-99.9	-99.9
12	-121.011	38.596	60	1204	42	53.9	158	242	403	-9999	-99.9	-99.9	-99.9
13	-121.012	38.591	60	1204	44	54.4	158	245	280	-9999	-99.9	-99.9	-99.9
14	-120.94	38.958	59	1206	406	18.3	158	356	446	450	0.3	-0.4	0.5
15	-120.941	38.953	59	1206	408	18.6	158	346	411	-9999	-99.9	-99.9	-99.9
16	-120.942	38.948	59	1206	410	18.9	158	346	407	-9999	-99.9	-99.9	-99.9
17	-120.943	38.943	59	1206	412	19.3	158	320	332	-9999	-99.9	-99.9	-99.9
18	-120.944	38.939	59	1206	414	19.7	158	320	290	-9999	-99.9	-99.9	-99.9
19	-120.944	38.934	59	1206	416	20	158	420	386	-9999	-99.9	-99.9	-99.9
20	-120.945	38.929	59	1206	418	20.4	158	420	407	-9999	-99.9	-99.9	-99.9
21	-120.946	38.924	59	1206	420	20.8	158	542	540	-9999	-99.9	-99.9	-99.9
22	-120.947	38.919	59	1206	422	21.2	158	542	553	-9999	-99.9	-99.9	-99.9
23	-120.948	38.914	59	1206	424	21.6	158	554	579	-9999	-99.9	-99.9	-99.9
24	-120.95	38.904	59	1206	428	22.4	158	536	536	-9999	-99.9	-99.9	-99.9
25	-120.951	38.899	59	1206	430	22.9	158	536	539	580	0.3	-0.4	0.5
26	-120.953	38.885	59	1206	436	24.1	158	503	662	-9999	-99.9	-99.9	-99.9
27	-120.956	38.87	59	1206	442	25.5	158	468	732	779	0.4	-0.6	0.7
28	-120.957	38.865	59	1206	444	25.9	158	427	673	671	0.2	-0.3	0.4
29	-120.958	38.86	59	1206	446	26.4	158	427	738	851	1.1	-1.5	1.9
30	-120.981	38.733	59	1206	498	39.1	158	431	378	-9999	-99.9	-99.9	-99.9
31	-120.981	38.728	59	1206	500	39.6	158	477	516	647	1.1	-1.5	1.8
32	-120.982	38.723	59	1206	502	40.1	158	477	596	675	0.6	-0.9	1
33	-120.983	38.718	59	1206	504	40.7	158	469	573	718	0.2	-0.3	0.3
34	-120.984	38.713	59	1206	506	41.2	158	469	642	605	0.2	-0.3	0.3
35	-120.985	38.708	59	1206	508	41.7	158	436	526	644	1.1	-1.6	1.9
36	-120.986	38.703	59	1206	510	42.2	158	436	455	456	0	0	0
37	-120.988	38.693	60	1206	2	43.2	158	425	420	447	0.2	-0.2	0.3
38	-120.989	38.688	60	1206	4	43.7	158	421	436	-9999	-99.9	-99.9	-99.9
39	-120.989	38.683	60	1206	6	44.3	158	421	391	463	0.9	-1.2	1.5
40	-120.99	38.679	60	1206	8	44.8	158	406	355	-9999	-99.9	-99.9	-99.9
41	-120.991	38.674	60	1206	10	45.3	158	406	474	569	0.9	-1.3	1.6
42	-120.992	38.669	60	1206	12	45.8	158	373	527	692	1.3	-1.8	2.2
43	-120.993	38.664	60	1206	14	46.4	158	373	568	593	1.2	-1.7	2.1
44	-120.994	38.659	60	1206	16	46.9	158	343	506	643	1.1	-1.5	1.8
45	-120.995	38.654	60	1206	18	47.4	158	343	481	678	1.5	-2.1	2.6



97	-120.98	38.702	59	1208	510	42	158	429	486	575	0.9	-1.2	1.5
98	-120.98	38.698	60	1208	0	42.5	158	433	534	615	0.3	-0.4	0.5
99	-120.981	38.693	60	1208	2	43	158	433	444	471	0.2	-0.3	0.4
100	-120.982	38.688	60	1208	4	43.6	158	437	418	483	0.5	-0.7	0.9
101	-120.983	38.683	60	1208	6	44.1	158	437	389	471	0.7	-1	1.2
102	-120.984	38.678	60	1208	8	44.6	158	411	357	458	0.8	-1.1	1.4
103	-120.985	38.673	60	1208	10	45.1	158	411	503	590	0.7	-1	1.2
104	-120.986	38.668	60	1208	12	45.7	158	380	512	653	1	-1.3	1.7
105	-120.987	38.663	60	1208	14	46.2	158	380	500	557	0.9	-1.3	1.6
106	-120.988	38.658	60	1208	16	46.7	158	357	518	753	1.8	-2.5	3.1
107	-120.988	38.653	60	1208	18	47.2	158	357	558	-9999	-99.9	-99.9	-99.9
108	-120.989	38.648	60	1208	20	47.8	158	324	537	621	0.8	-1.1	1.4
109	-120.99	38.644	60	1208	22	48.3	158	324	461	607	1.2	-1.7	2
110	-120.992	38.634	60	1208	26	49.3	158	298	405	-9999	-99.9	-99.9	-99.9
111	-120.993	38.629	60	1208	28	49.9	158	288	459	481	0.8	-1.1	1.4
112	-120.994	38.624	60	1208	30	50.4	158	288	444	487	0.3	-0.5	0.6
113	-120.995	38.619	60	1208	32	50.9	158	280	-9999	505	0.3	-0.4	0.5
114	-120.997	38.604	60	1208	38	52.5	158	289	521	-9999	-99.9	-99.9	-99.9
115	-120.998	38.599	60	1208	40	53	158	290	1101	-9999	-99.9	-99.9	-99.9
116	-120.999	38.594	60	1208	42	53.6	158	290	-9999	438	0	-0.1	0.1
117	-121	38.59	60	1208	44	54.1	158	268	-9999	1259	9.5	-13.2	16.3
118	-121.001	38.585	60	1208	46	54.6	158	268	981	-9999	-99.9	-99.9	-99.9
119	-120.923	38.981	59	1210	396	15.8	158	524	746	865	1	-1.4	1.7
120	-120.924	38.976	59	1210	398	16.1	158	524	621	681	0.5	-0.7	0.8
121	-120.925	38.972	59	1210	400	16.4	158	388	616	-9999	-99.9	-99.9	-99.9
122	-120.926	38.967	59	1210	402	16.7	158	388	470	-9999	-99.9	-99.9	-99.9
123	-120.927	38.962	59	1210	404	17.1	158	397	507	-9999	-99.9	-99.9	-99.9
124	-120.927	38.957	59	1210	406	17.4	158	397	427	-9999	-99.9	-99.9	-99.9
125	-120.928	38.952	59	1210	408	17.7	158	446	407	-9999	-99.9	-99.9	-99.9
126	-120.929	38.947	59	1210	410	18.1	158	446	504	514	0.1	-0.1	0.1
127	-120.93	38.942	59	1210	412	18.5	158	404	332	-9999	-99.9	-99.9	-99.9
128	-120.931	38.937	59	1210	414	18.9	158	404	374	452	0.1	-0.1	0.1
129	-120.932	38.932	59	1210	416	19.3	158	430	368	-9999	-99.9	-99.9	-99.9
130	-120.933	38.927	59	1210	418	19.6	158	430	368	487	0.7	-0.9	1.2
131	-120.934	38.922	59	1210	420	20.1	158	511	514	-9999	-99.9	-99.9	-99.9
132	-120.934	38.918	59	1210	422	20.5	158	511	460	-9999	-99.9	-99.9	-99.9
133	-120.937	38.903	59	1210	428	21.7	158	517	645	-9999	-99.9	-99.9	-99.9
134	-120.938	38.898	59	1210	430	22.2	158	517	602	-9999	-99.9	-99.9	-99.9
135	-120.939	38.893	59	1210	432	22.6	158	502	646	-9999	-99.9	-99.9	-99.9
136	-120.942	38.873	59	1210	440	24.4	158	447	974	-9999	-99.9	-99.9	-99.9
137	-120.943	38.869	59	1210	442	24.9	158	447	807	1331	4.7	-6.5	8
138	-120.944	38.864	59	1210	444	25.3	158	427	837	832	0.5	-0.7	0.9
139	-120.945	38.859	59	1210	446	25.8	158	427	891	1000	1.2	-1.7	2.1
140	-120.946	38.854	59	1210	448	26.3	158	397	927	1170	1.6	-2.2	2.7
141	-120.947	38.849	59	1210	450	26.7	158	397	1014	1265	2.3	-3.2	4
142	-120.948	38.844	59	1210	452	27.2	158	299	907	1065	0.5	-1.4	1.5
143	-120.949	38.839	59	1210	454	27.7	158	299	1021	1185	1.1	-1.6	1.9
144	-120.95	38.834	59	1210	456	28.2	158	247	1032	1119	0.1	-0.1	0.1
145	-120.95	38.829	59	1210	458	28.7	158	247	1039	1099	0.1	-0.1	0.1
146	-120.951	38.824	59	1210	460	29.2	158	266	1038	1089	0.4	-0.5	0.7
147	-120.952	38.819	59	1210	462	29.6	158	266	-9999	904	1.8	-2.6	3.2

148	-120.953	38.815	59	1210	464	30.1	158	296	539	683	1.6	-2.2	2.7
149	-120.954	38.81	59	1210	466	30.6	158	296	471	670	1.6	-2.2	2.7
150	-120.955	38.805	59	1210	468	31.1	158	335	455	-9999	-99.9	-99.9	-99.9
151	-120.956	38.8	59	1210	470	31.6	158	335	426	533	0.8	-1.1	1.4
152	-120.957	38.795	59	1210	472	32.1	158	348	723	937	1.8	-2.5	3.1
153	-120.958	38.785	59	1210	476	33.1	158	358	850	-9999	-99.9	-99.9	-99.9
154	-120.959	38.78	59	1210	478	33.6	158	358	765	-9999	-99.9	-99.9	-99.9
155	-120.96	38.775	59	1210	480	34.1	158	375	761	1065	2.6	-3.6	4.4
156	-120.961	38.77	59	1210	482	34.6	158	375	796	1154	2.9	-4	5
157	-120.962	38.765	59	1210	484	35.1	158	338	842	1099	2.2	-3	3.8
158	-120.963	38.761	59	1210	486	35.6	158	338	-9999	1032	2.6	-3.7	4.5
159	-120.968	38.731	59	1210	498	38.7	158	381	630	-9999	-99.9	-99.9	-99.9
160	-120.969	38.726	59	1210	500	39.2	158	436	518	-9999	-99.9	-99.9	-99.9
161	-120.97	38.721	59	1210	502	39.8	158	436	672	759	0.7	-1	1.3
162	-120.971	38.716	59	1210	504	40.3	158	441	712	681	0	0	0.1
163	-120.972	38.712	59	1210	506	40.8	158	441	571	705	1.1	-1.6	1.9
164	-120.972	38.707	59	1210	508	41.3	158	429	635	-9999	-99.9	-99.9	-99.9
165	-120.973	38.702	59	1210	510	41.8	158	429	537	702	1.1	-1.5	1.8
166	-120.974	38.697	60	1210	0	42.4	158	433	632	683	0.9	-1.2	1.5
167	-120.975	38.692	60	1210	2	42.9	158	433	439	502	0.1	-0.1	0.1
168	-120.976	38.687	60	1210	4	43.4	158	437	450	469	0.2	-0.2	0.3
169	-120.977	38.682	60	1210	6	43.9	158	437	401	455	0.4	-0.6	0.7
170	-120.978	38.677	60	1210	8	44.4	158	411	385	488	0.8	-1.1	1.4
171	-120.979	38.672	60	1210	10	45	158	411	517	610	0.8	-1	1.3
172	-120.98	38.667	60	1210	12	45.5	158	380	511	637	1.1	-1.5	1.8
173	-120.98	38.662	60	1210	14	46	158	380	484	633	1.1	-1.5	1.8
174	-120.981	38.658	60	1210	16	46.5	158	357	504	652	1.2	-1.6	2
175	-120.982	38.653	60	1210	18	47.1	158	357	495	-9999	-99.9	-99.9	-99.9
176	-120.983	38.648	60	1210	20	47.6	158	324	527	710	1.4	-2	2.4
177	-120.984	38.643	60	1210	22	48.1	158	324	482	621	1.1	-1.5	1.9
178	-120.987	38.628	60	1210	28	49.7	158	288	427	499	0.6	-0.8	1
179	-120.987	38.623	60	1210	30	50.2	158	288	-9999	498	0.3	-0.4	0.6
180	-120.99	38.609	60	1210	36	51.8	158	289	456	528	0.6	-0.8	1
181	-120.994	38.589	60	1210	44	54	158	268	557	780	1.8	-2.5	3.1
182	-120.994	38.584	60	1210	46	54.5	158	268	392	616	1.7	-2.4	3
183	-120.995	38.579	60	1210	48	55	158	260	586	-9999	-99.9	-99.9	-99.9
184	-120.996	38.574	60	1210	50	55.6	158	260	555	-9999	-99.9	-99.9	-99.9
185	-120.917	38.981	59	1212	396	15.3	158	625	864	1134	1.2	-1.7	2.1
186	-120.92	38.961	59	1212	404	16.6	158	443	550	-9999	-99.9	-99.9	-99.9
187	-120.921	38.956	59	1212	406	17	158	443	452	-9999	-99.9	-99.9	-99.9
188	-120.922	38.951	59	1212	408	17.3	158	581	560	-9999	-99.9	-99.9	-99.9
189	-120.923	38.946	59	1212	410	17.7	158	581	535	-9999	-99.9	-99.9	-99.9
190	-120.925	38.937	59	1212	414	18.5	158	570	626	-9999	-99.9	-99.9	-99.9
191	-120.926	38.932	59	1212	416	18.9	158	571	546	-9999	-99.9	-99.9	-99.9
192	-120.926	38.927	59	1212	418	19.3	158	571	419	-9999	-99.9	-99.9	-99.9
193	-120.927	38.922	59	1212	420	19.7	158	537	524	-9999	-99.9	-99.9	-99.9
194	-120.928	38.917	59	1212	422	20.1	158	537	416	-9999	-99.9	-99.9	-99.9
195	-120.932	38.897	59	1212	430	21.8	158	520	609	-9999	-99.9	-99.9	-99.9
196	-120.933	38.892	59	1212	432	22.3	158	496	655	-9999	-99.9	-99.9	-99.9
197	-120.934	38.887	59	1212	434	22.7	158	496	531	-9999	-99.9	-99.9	-99.9
198	-120.935	38.878	59	1212	438	23.6	158	472	916	1368	3	-4.2	5.1

199	-120.936	38.873	59	1212	440	24.1	158	458	912	1157	1.6	-2.3	2.8
200	-120.937	38.868	59	1212	442	24.6	158	458	839	1285	2.6	-3.6	4.4
201	-120.938	38.863	59	1212	444	25	158	489	842	1212	2.2	-3	3.8
202	-120.939	38.858	59	1212	446	25.5	158	489	946	1192	2	-2.7	3.4
203	-120.94	38.853	59	1212	448	26	158	437	995	1214	1.9	-2.7	3.3
204	-120.941	38.848	59	1212	450	26.5	158	437	980	1137	1.9	-2.6	3.2
205	-120.941	38.843	59	1212	452	27	158	337	981	1258	1.7	-2.4	3
206	-120.942	38.838	59	1212	454	27.4	158	337	898	1182	1.2	-1.7	2.1
207	-120.943	38.833	59	1212	456	27.9	158	267	1065	1191	1.3	-1.9	2.3
208	-120.944	38.829	59	1212	458	28.4	158	267	1037	-9999	-99.9	-99.9	-99.9
209	-120.945	38.824	59	1212	460	28.9	158	253	1036	1556	5.1	-7	8.7
210	-120.946	38.819	59	1212	462	29.4	158	253	940	1040	1.5	-2.1	2.6
211	-120.947	38.814	59	1212	464	29.9	158	283	551	806	2.1	-2.9	3.6
212	-120.948	38.809	59	1212	466	30.4	158	283	554	-9999	-99.9	-99.9	-99.9
213	-120.949	38.804	59	1212	468	30.9	158	369	492	-9999	-99.9	-99.9	-99.9
214	-120.949	38.799	59	1212	470	31.4	158	369	768	-9999	-99.9	-99.9	-99.9
215	-120.95	38.794	59	1212	472	31.9	158	403	486	-9999	-99.9	-99.9	-99.9
216	-120.953	38.78	59	1212	478	33.4	158	400	851	997	1.2	-1.7	2.1
217	-120.954	38.775	59	1212	480	33.9	158	404	870	1049	1.5	-2.1	2.6
218	-120.955	38.77	59	1212	482	34.4	158	404	841	-9999	-99.9	-99.9	-99.9
219	-120.956	38.765	59	1212	484	34.9	158	386	853	1113	2.2	-3.1	3.8
220	-120.957	38.755	59	1212	488	36	158	355	1819	-9999	-99.9	-99.9	-99.9
221	-120.963	38.726	59	1212	500	39.1	158	389	624	-9999	-99.9	-99.9	-99.9
222	-120.964	38.721	59	1212	502	39.6	158	389	617	-9999	-99.9	-99.9	-99.9
223	-120.964	38.716	59	1212	504	40.1	158	416	708	-9999	-99.9	-99.9	-99.9
224	-120.965	38.711	59	1212	506	40.6	158	416	592	-9999	-99.9	-99.9	-99.9
225	-120.966	38.706	59	1212	508	41.1	158	426	638	643	0.5	-0.7	0.9
226	-120.967	38.701	59	1212	510	41.7	158	426	547	676	0.4	-0.5	0.6
227	-120.968	38.696	60	1212	0	42.2	158	440	442	534	0.7	-1	1.2
228	-120.969	38.691	60	1212	2	42.7	158	440	549	589	0.3	-0.4	0.5
229	-120.97	38.686	60	1212	4	43.2	158	464	-9999	545	0.1	-0.1	0.2
230	-120.971	38.681	60	1212	6	43.8	158	464	455	510	0.4	-0.5	0.6
231	-120.971	38.677	60	1212	8	44.3	158	456	469	560	0.7	-1	1.2
232	-120.972	38.672	60	1212	10	44.8	158	456	545	642	0.8	-1.1	1.3
233	-120.973	38.667	60	1212	12	45.3	158	422	551	718	1.3	-1.9	2.3
234	-120.974	38.662	60	1212	14	45.9	158	422	476	605	1.1	-1.5	1.8
235	-120.975	38.657	60	1212	16	46.4	158	391	506	629	1	-1.3	1.6
236	-120.976	38.652	60	1212	18	46.9	158	391	574	623	1	-1.4	1.7
237	-120.977	38.647	60	1212	20	47.4	158	361	531	669	1.1	-1.5	1.8
238	-120.978	38.642	60	1212	22	48	158	361	459	610	1.2	-1.6	2
239	-120.979	38.632	60	1212	26	49	158	328	472	-9999	-99.9	-99.9	-99.9
240	-120.98	38.627	60	1212	28	49.6	158	335	-9999	438	0	0	0
241	-120.981	38.623	60	1212	30	50.1	158	335	352	435	0	0	0
242	-120.985	38.603	60	1212	38	52.2	158	312	458	-9999	-99.9	-99.9	-99.9
243	-120.986	38.593	60	1212	42	53.3	158	313	299	-9999	-99.9	-99.9	-99.9
244	-120.987	38.588	60	1212	44	53.8	158	303	562	-9999	-99.9	-99.9	-99.9
245	-120.991	38.569	60	1212	52	56	158	253	667	-9999	-99.9	-99.9	-99.9
246	-120.91	38.985	59	1214	394	14.6	158	656	973	1166	1.6	-2.2	2.7
247	-120.914	38.96	59	1214	404	16.2	158	443	464	-9999	-99.9	-99.9	-99.9
248	-120.915	38.955	59	1214	406	16.6	158	443	402	-9999	-99.9	-99.9	-99.9
249	-120.916	38.951	59	1214	408	16.9	158	581	515	-9999	-99.9	-99.9	-99.9





301	-120.972	38.637	60	1214	24	48.4	158	328	420	501	0.6	-0.9	1.1
302	-120.973	38.632	60	1214	26	48.9	158	328	417	431	0.1	-0.2	0.2
303	-120.978	38.607	60	1214	36	51.6	158	312	466	-9999	-99.9	-99.9	-99.9
304	-120.978	38.602	60	1214	38	52.1	158	312	523	-9999	-99.9	-99.9	-99.9
305	-120.981	38.588	60	1214	44	53.7	158	303	387	-9999	-99.9	-99.9	-99.9
306	-120.903	38.984	59	1216	394	14.1	158	735	840	931	0.8	-1.1	1.3
307	-120.904	38.979	59	1216	396	14.4	158	688	920	-9999	-99.9	-99.9	-99.9
308	-120.905	38.974	59	1216	398	14.7	158	688	946	969	0.9	-1.2	1.5
309	-120.908	38.96	59	1216	404	15.8	158	378	574	505	0.1	-0.1	0.2
310	-120.909	38.955	59	1216	406	16.2	158	378	345	-9999	-99.9	-99.9	-99.9
311	-120.909	38.95	59	1216	408	16.5	158	590	501	-9999	-99.9	-99.9	-99.9
312	-120.91	38.945	59	1216	410	16.9	158	590	547	-9999	-99.9	-99.9	-99.9
313	-120.915	38.92	59	1216	420	19	158	587	762	786	0.2	-0.3	0.3
314	-120.917	38.911	59	1216	424	19.9	158	550	890	-9999	-99.9	-99.9	-99.9
315	-120.917	38.906	59	1216	426	20.3	158	550	757	-9999	-99.9	-99.9	-99.9
316	-120.918	38.901	59	1216	428	20.7	158	526	735	-9999	-99.9	-99.9	-99.9
317	-120.919	38.896	59	1216	430	21.2	158	526	664	-9999	-99.9	-99.9	-99.9
318	-120.92	38.891	59	1216	432	21.7	158	505	636	-9999	-99.9	-99.9	-99.9
319	-120.921	38.886	59	1216	434	22.1	158	505	641	675	0.8	-1.1	1.4
320	-120.922	38.881	59	1216	436	22.6	158	524	742	1020	1.8	-2.4	3
321	-120.923	38.876	59	1216	438	23.1	158	524	908	-9999	-99.9	-99.9	-99.9
322	-120.924	38.871	59	1216	440	23.5	158	528	920	1283	2.8	-4	4.9
323	-120.925	38.866	59	1216	442	24	158	528	893	1155	2.5	-3.5	4.3
324	-120.925	38.862	59	1216	444	24.5	158	509	948	1139	1.5	-2.1	2.6
325	-120.926	38.857	59	1216	446	25	158	509	985	1075	1.1	-1.5	1.8
326	-120.927	38.852	59	1216	448	25.5	158	504	888	1233	2.5	-3.5	4.3
327	-120.928	38.847	59	1216	450	26	158	504	933	1371	3	-4.1	5.1
328	-120.929	38.842	59	1216	452	26.4	158	431	989	1515	3.8	-5.3	6.5
329	-120.93	38.837	59	1216	454	26.9	158	431	946	1202	2.6	-3.6	4.5
330	-120.931	38.832	59	1216	456	27.4	158	310	1028	1333	2.5	-3.4	4.2
331	-120.932	38.827	59	1216	458	27.9	158	310	1030	1222	1.5	-2.1	2.6
332	-120.932	38.822	59	1216	460	28.4	158	252	1008	-9999	-99.9	-99.9	-99.9
333	-120.933	38.817	59	1216	462	28.9	158	252	998	-9999	-99.9	-99.9	-99.9
334	-120.936	38.803	59	1216	468	30.4	158	356	472	1606	2.2	-3	3.7
335	-120.937	38.798	59	1216	470	30.9	158	356	748	1174	3.8	-3.4	5.2
336	-120.938	38.793	59	1216	472	31.5	158	433	777	982	2.8	-3.9	4.8
337	-120.939	38.788	59	1216	474	32	158	433	718	989	2	-2.7	3.4
338	-120.94	38.783	59	1216	476	32.5	158	429	837	1037	1.5	-2.1	2.6
339	-120.94	38.778	59	1216	478	33	158	429	863	1056	1.6	-2.2	2.7
340	-120.941	38.773	59	1216	480	33.5	158	405	770	1059	1.7	-2.3	2.9
341	-120.942	38.768	59	1216	482	34	158	405	761	1145	3.1	-4.3	5.3
342	-120.943	38.763	59	1216	484	34.5	158	368	734	1214	2.8	-3.9	4.8
343	-120.944	38.759	59	1216	486	35.1	158	368	861	1258	0.9	-1.3	1.6
344	-120.945	38.754	59	1216	488	35.6	158	340	966	1204	1.3	-1.8	2.2
345	-120.946	38.749	59	1216	490	36.1	158	340	861	-9999	-99.9	-99.9	-99.9
346	-120.947	38.744	59	1216	492	36.6	158	315	590	-9999	-99.9	-99.9	-99.9
347	-120.948	38.734	59	1216	496	37.7	158	321	694	702	0.6	-0.9	1.1
348	-120.949	38.729	59	1216	498	38.2	158	321	676	-9999	-99.9	-99.9	-99.9
349	-120.951	38.719	59	1216	502	39.2	158	369	710	-9999	-99.9	-99.9	-99.9
350	-120.952	38.714	59	1216	504	39.7	158	393	695	712	0.1	-0.2	0.2
351	-120.953	38.709	59	1216	506	40.3	158	393	640	745	0.2	-0.2	0.3



403	-120.93	38.802	59	1218	468	30.2	158	356	1214	1201	1.2	-1.6	2
404	-120.931	38.797	59	1218	470	30.7	158	356	804	1073	2.2	-3.1	3.8
405	-120.932	38.792	59	1218	472	31.3	158	433	741	1176	2.6	-3.6	4.5
406	-120.932	38.787	59	1218	474	31.8	158	433	845	1145	2	-2.8	3.5
407	-120.933	38.782	59	1218	476	32.3	158	429	877	1088	1.8	-2.5	3.1
408	-120.934	38.777	59	1218	478	32.8	158	429	874	1140	2.1	-2.9	3.6
409	-120.935	38.773	59	1218	480	33.3	158	405	830	1123	1.8	-2.5	3.1
410	-120.936	38.768	59	1218	482	33.8	158	405	802	1172	2.7	-3.8	4.6
411	-120.937	38.763	59	1218	484	34.4	158	368	837	1233	3.4	-4.7	5.8
412	-120.938	38.758	59	1218	486	34.9	158	368	755	1137	1.7	-2.4	3
413	-120.939	38.753	59	1218	488	35.4	158	340	680	-9999	-99.9	-99.9	-99.9
414	-120.939	38.748	59	1218	490	35.9	158	340	804	-9999	-99.9	-99.9	-99.9
415	-120.94	38.743	59	1218	492	36.4	158	315	446	-9999	-99.9	-99.9	-99.9
416	-120.942	38.733	59	1218	496	37.5	158	321	399	-9999	-99.9	-99.9	-99.9
417	-120.944	38.723	59	1218	500	38.5	158	369	618	767	1.7	-3.6	4
418	-120.945	38.719	59	1218	502	39.1	158	369	677	913	0.7	-0.9	1.2
419	-120.946	38.714	59	1218	504	39.6	158	393	670	757	0	0	0
420	-120.947	38.709	59	1218	506	40.1	158	393	651	753	0.2	-0.3	0.4
421	-120.947	38.704	59	1218	508	40.6	158	418	667	-9999	-99.9	-99.9	-99.9
422	-120.948	38.699	59	1218	510	41.2	158	418	734	753	0.2	-0.2	0.3
423	-120.949	38.694	60	1218	0	41.7	158	434	688	-9999	-99.9	-99.9	-99.9
424	-120.95	38.689	60	1218	2	42.2	158	434	582	736	1.2	-1.6	2
425	-120.951	38.684	60	1218	4	42.8	158	447	598	591	0.3	-0.4	0.4
426	-120.952	38.679	60	1218	6	43.3	158	447	583	723	1.1	-1.5	1.9
427	-120.953	38.674	60	1218	8	43.8	158	455	568	659	1.1	-1.6	1.9
428	-120.954	38.67	60	1218	10	44.4	158	455	514	497	0.1	-0.1	0.2
429	-120.954	38.665	60	1218	12	44.9	158	437	489	514	0.2	-0.3	0.4
430	-120.955	38.66	60	1218	14	45.4	158	437	503	-9999	-99.9	-99.9	-99.9
431	-120.958	38.645	60	1218	20	47	158	396	394	-9999	-99.9	-99.9	-99.9
432	-120.959	38.64	60	1218	22	47.6	158	396	355	-9999	-99.9	-99.9	-99.9
433	-120.96	38.635	60	1218	24	48.1	158	394	480	-9999	-99.9	-99.9	-99.9
434	-120.961	38.63	60	1218	26	48.6	158	394	433	495	0.5	-0.7	0.8
435	-120.962	38.625	60	1218	28	49.2	158	380	452	459	0.1	-0.1	0.1
436	-120.962	38.62	60	1218	30	49.7	158	380	454	490	0.3	-0.4	0.5
437	-120.963	38.616	60	1218	32	50.2	158	363	390	612	2	-2.7	3.4
438	-120.964	38.611	60	1218	34	50.8	158	363	446	-9999	-99.9	-99.9	-99.9
439	-120.965	38.606	60	1218	36	51.3	158	343	425	730	2	-2.8	3.5
440	-120.966	38.601	60	1218	38	51.8	158	343	387	-9999	-99.9	-99.9	-99.9
441	-120.968	38.591	60	1218	42	52.9	158	331	273	-9999	-99.9	-99.9	-99.9
442	-120.969	38.586	60	1218	44	53.5	158	315	-9999	586	2	-2.8	3.4
443	-120.89	38.988	59	1220	392	12.9	158	736	1059	1231	1.4	-2	2.4
444	-120.891	38.983	59	1220	394	13.2	158	736	1131	1243	1.2	-1.6	2
445	-120.892	38.978	59	1220	396	13.5	158	701	1102	1163	0.5	-0.7	0.9
446	-120.892	38.973	59	1220	398	13.9	158	701	987	989	0	0	0.1
447	-120.893	38.968	59	1220	400	14.2	158	459	539	799	1.2	-1.6	2
448	-120.894	38.963	59	1220	402	14.6	158	459	545	584	0.3	-0.4	0.5
449	-120.895	38.958	59	1220	404	15	158	444	460	-9999	-99.9	-99.9	-99.9
450	-120.896	38.953	59	1220	406	15.4	158	444	400	-9999	-99.9	-99.9	-99.9
451	-120.897	38.948	59	1220	408	15.8	158	574	477	-9999	-99.9	-99.9	-99.9
452	-120.898	38.944	59	1220	410	16.2	158	574	530	-9999	-99.9	-99.9	-99.9
453	-120.9	38.929	59	1220	416	17.4	158	716	-9999	1122	1	-1.4	1.8

454	-120.901	38.924	59	1220	418	17.9	158	716	-9999	1189	1	-1.3	1.6
455	-120.902	38.919	59	1220	420	18.3	158	649	968	-9999	-99.9	-99.9	-99.9
456	-120.903	38.914	59	1220	422	18.8	158	649	883	886	0.2	-0.2	0.3
457	-120.904	38.909	59	1220	424	19.2	158	569	980	-9999	-99.9	-99.9	-99.9
458	-120.905	38.904	59	1220	426	19.7	158	569	636	688	0.5	-0.7	0.8
459	-120.906	38.899	59	1220	428	20.1	158	534	850	-9999	-99.9	-99.9	-99.9
460	-120.907	38.894	59	1220	430	20.6	158	534	669	-9999	-99.9	-99.9	-99.9
461	-120.908	38.89	59	1220	432	21.1	158	528	631	759	1	-1.4	1.7
462	-120.908	38.885	59	1220	434	21.6	158	528	599	-9999	-99.9	-99.9	-99.9
463	-120.909	38.88	59	1220	436	22	158	577	526	1338	4	-5.6	6.9
464	-120.91	38.875	59	1220	438	22.5	158	577	897	1303	3.9	-5.4	6.7
465	-120.911	38.87	59	1220	440	23	158	593	1003	1346	2.9	-4	4.9
466	-120.912	38.865	59	1220	442	23.5	158	593	1015	1274	2.5	-3.5	4.3
467	-120.913	38.86	59	1220	444	24	158	577	972	1355	3.2	-4.4	5.4
468	-120.914	38.855	59	1220	446	24.5	158	577	1000	1358	3.3	-4.6	5.7
469	-120.916	38.845	59	1220	450	25.5	158	520	937	1457	3	-4.2	5.2
470	-120.916	38.841	59	1220	452	26	158	456	952	1337	2.5	-3.4	4.2
471	-120.917	38.836	59	1220	454	26.5	158	456	955	1196	1.9	-2.7	3.3
472	-120.918	38.831	59	1220	456	27	158	388	1038	1167	1.4	-1.9	2.4
473	-120.919	38.826	59	1220	458	27.5	158	388	1003	-9999	-99.9	-99.9	-99.9
474	-120.92	38.821	59	1220	460	28	158	264	957	1036	1.4	-1.9	2.4
475	-120.921	38.816	59	1220	462	28.5	158	264	867	1019	1.3	-1.8	2.3
476	-120.922	38.811	59	1220	464	29	158	249	850	1019	1	-2.4	2.7
477	-120.923	38.806	59	1220	466	29.5	158	249	903	1023	1.2	-1.7	2.1
478	-120.923	38.801	59	1220	468	30	158	293	679	1073	2.4	-3.4	4.2
479	-120.924	38.796	59	1220	470	30.5	158	293	832	1133	2.4	-3.3	4.1
480	-120.925	38.791	59	1220	472	31.1	158	371	776	1117	2.7	-3.8	4.6
481	-120.926	38.787	59	1220	474	31.6	158	371	799	1054	2	-2.8	3.5
482	-120.927	38.782	59	1220	476	32.1	158	407	807	1131	2.4	-3.3	4.1
483	-120.928	38.777	59	1220	478	32.6	158	407	799	1088	2.2	-3	3.7
484	-120.929	38.772	59	1220	480	33.1	158	435	879	1163	2.4	-3.4	4.2
485	-120.93	38.767	59	1220	482	33.7	158	435	875	1220	2.4	-3.4	4.1
486	-120.931	38.762	59	1220	484	34.2	158	393	924	1159	1.9	-2.6	3.3
487	-120.931	38.757	59	1220	486	34.7	158	393	1199	1218	1	-1.3	1.6
488	-120.933	38.747	59	1220	490	35.7	158	338	709	-9999	-99.9	-99.9	-99.9
489	-120.934	38.742	59	1220	492	36.3	158	321	-9999	864	1.6	-2.2	2.7
490	-120.935	38.738	59	1220	494	36.8	158	321	330	-9999	-99.9	-99.9	-99.9
491	-120.936	38.733	59	1220	496	37.3	158	327	-9999	783	1.8	-2.6	3.2
492	-120.937	38.728	59	1220	498	37.9	158	327	541	-9999	-99.9	-99.9	-99.9
493	-120.938	38.723	59	1220	500	38.4	158	362	647	793	1.2	-1.6	2
494	-120.939	38.718	59	1220	502	38.9	158	362	765	958	1.4	-2	2.5
495	-120.939	38.713	59	1220	504	39.4	158	373	768	844	0.8	-1.1	1.4
496	-120.94	38.708	59	1220	506	40	158	373	791	888	0.9	-1.2	1.5
497	-120.941	38.703	59	1220	508	40.5	158	394	805	812	0.4	-0.6	0.7
498	-120.942	38.698	59	1220	510	41	158	394	825	995	1.5	-2	2.5
499	-120.943	38.693	60	1220	0	41.6	158	418	734	939	1.3	-1.8	2.3
500	-120.944	38.688	60	1220	2	42.1	158	418	657	946	1.2	-1.7	2.1
501	-120.945	38.684	60	1220	4	42.6	158	428	683	935	1.7	-2.3	2.9
502	-120.946	38.679	60	1220	6	43.2	158	428	625	998	2.7	-3.8	4.6
503	-120.946	38.674	60	1220	8	43.7	158	429	656	-9999	-99.9	-99.9	-99.9
504	-120.947	38.669	60	1220	10	44.2	158	429	583	-9999	-99.9	-99.9	-99.9

505	-120.948	38.664	60	1220	12	44.8	158	429	522	677	1	-1.4	1.7
506	-120.949	38.659	60	1220	14	45.3	158	429	490	-9999	-99.9	-99.9	-99.9
507	-120.95	38.654	60	1220	16	45.8	158	426	423	458	0.3	-0.4	0.5
508	-120.952	38.644	60	1220	20	46.9	158	416	363	-9999	-99.9	-99.9	-99.9
509	-120.953	38.639	60	1220	22	47.4	158	416	-9999	521	1.9	-2.7	3.3
510	-120.955	38.625	60	1220	28	49	158	411	-9999	680	3	-4.2	5.1
511	-120.956	38.62	60	1220	30	49.6	158	411	482	595	1.4	-1.9	2.4
512	-120.957	38.615	60	1220	32	50.1	158	389	335	-9999	-99.9	-99.9	-99.9
513	-120.958	38.61	60	1220	34	50.6	158	389	493	655	0.9	-1.2	1.5
514	-120.959	38.605	60	1220	36	51.2	158	354	-9999	623	0.2	-0.2	0.3
515	-120.96	38.6	60	1220	38	51.7	158	354	474	631	0.9	-1.2	1.5
516	-120.961	38.595	60	1220	40	52.3	158	332	-9999	410	0.8	-1.2	1.4
517	-120.961	38.59	60	1220	42	52.8	158	332	-9999	517	1.8	-2.4	3
518	-120.962	38.585	60	1220	44	53.3	158	311	-9999	482	1.8	-2.4	3
519	-120.963	38.581	60	1220	46	53.9	158	311	-9999	389	0.6	-0.8	1
520	-120.969	38.546	60	1220	60	57.7	158	218	379	527	0.8	-1.2	1.4
521	-120.883	38.987	59	1222	392	12.4	158	736	1038	1217	1.5	-2	2.5
522	-120.884	38.982	59	1222	394	12.8	158	736	1047	1196	1.6	-2.2	2.7
523	-120.885	38.977	59	1222	396	13.1	158	701	993	1291	2	-2.7	3.4
524	-120.886	38.972	59	1222	398	13.5	158	701	1010	1086	1	-1.4	1.7
525	-120.887	38.967	59	1222	400	13.8	158	459	511	718	1.6	-2.2	2.7
526	-120.888	38.962	59	1222	402	14.2	158	459	531	644	0.9	-1.3	1.6
527	-120.889	38.958	59	1222	404	14.6	158	444	566	575	0.3	-0.4	0.5
528	-120.89	38.953	59	1222	406	15	158	444	444	501	0.4	-0.6	0.7
529	-120.891	38.948	59	1222	408	15.4	158	574	578	-9999	-99.9	-99.9	-99.9
530	-120.891	38.943	59	1222	410	15.8	158	574	608	-9999	-99.9	-99.9	-99.9
531	-120.893	38.933	59	1222	414	16.7	158	707	929	1211	8.2	-11.3	13.9
532	-120.894	38.928	59	1222	416	17.1	158	716	979	1095	1.2	-1.7	2.1
533	-120.895	38.923	59	1222	418	17.6	158	716	1117	1312	1.6	-2.2	2.8
534	-120.896	38.918	59	1222	420	18	158	649	1106	1271	1.4	-1.9	2.3
535	-120.897	38.913	59	1222	422	18.5	158	649	1084	1168	1.1	-1.5	1.8
536	-120.898	38.909	59	1222	424	18.9	158	569	1039	1168	1.5	-2	2.5
537	-120.899	38.904	59	1222	426	19.4	158	569	1012	1078	1.3	-1.8	2.2
538	-120.899	38.899	59	1222	428	19.9	158	534	941	954	0.4	-0.6	0.7
539	-120.9	38.894	59	1222	430	20.3	158	534	878	1002	1	-1.4	1.7
540	-120.901	38.889	59	1222	432	20.8	158	528	653	767	0.9	-1.3	1.6
541	-120.902	38.884	59	1222	434	21.3	158	528	617	-9999	-99.9	-99.9	-99.9
542	-120.903	38.879	59	1222	436	21.8	158	577	658	895	1.9	-2.7	3.3
543	-120.904	38.874	59	1222	438	22.3	158	577	843	1127	2.4	-3.3	4
544	-120.905	38.869	59	1222	440	22.8	158	593	978	1276	2.5	-3.4	4.2
545	-120.906	38.864	59	1222	442	23.2	158	593	1004	1263	2.5	-3.5	4.3
546	-120.907	38.859	59	1222	444	23.7	158	577	958	1250	2.6	-3.7	4.5
547	-120.907	38.855	59	1222	446	24.2	158	577	965	1359	2.9	-4.1	5
548	-120.909	38.845	59	1222	450	25.2	158	520	924	1143	1.8	-2.4	3
549	-120.91	38.84	59	1222	452	25.7	158	456	955	1152	1.6	-2.2	2.7
550	-120.911	38.835	59	1222	454	26.3	158	456	1047	1285	2.1	-3	3.7
551	-120.912	38.83	59	1222	456	26.8	158	388	996	1156	1.2	-1.7	2.1
552	-120.913	38.825	59	1222	458	27.3	158	388	921	1066	1.5	-2	2.5
553	-120.914	38.82	59	1222	460	27.8	158	264	866	1177	2.4	-3.3	4.1
554	-120.915	38.815	59	1222	462	28.3	158	264	918	1181	2.2	-3.1	3.8
555	-120.915	38.81	59	1222	464	28.8	158	249	901	1077	1.4	-2	2.5

556	-120.916	38.806	59	1222	466	29.3	158	249	916	1072	1.3	-1.8	2.3
557	-120.917	38.801	59	1222	468	29.8	158	293	718	1077	1.2	-1.7	2.1
558	-120.918	38.796	59	1222	470	30.4	158	293	864	1042	1.9	-2.7	3.3
559	-120.919	38.791	59	1222	472	30.9	158	371	824	1111	2.3	-3.2	4
560	-120.92	38.786	59	1222	474	31.4	158	371	837	1115	2.5	-3.4	4.2
561	-120.921	38.781	59	1222	476	31.9	158	407	807	1146	2.6	-3.5	4.4
562	-120.922	38.776	59	1222	478	32.4	158	407	698	1198	2.1	-2.9	3.6
563	-120.923	38.771	59	1222	480	33	158	435	894	1132	2	-2.8	3.4
564	-120.923	38.766	59	1222	482	33.5	158	435	922	1144	1.8	-2.5	3
565	-120.924	38.761	59	1222	484	34	158	393	965	1175	1.7	-2.3	2.9
566	-120.925	38.756	59	1222	486	34.5	158	393	1232	-9999	-99.9	-99.9	-99.9
567	-120.93	38.727	59	1222	498	37.7	158	327	528	533	0.4	-0.6	0.7
568	-120.931	38.722	59	1222	500	38.2	158	362	639	810	1.5	-2	2.5
569	-120.932	38.717	59	1222	502	38.8	158	362	712	851	1.1	-1.6	1.9
570	-120.933	38.712	59	1222	504	39.3	158	373	713	-9999	-99.9	-99.9	-99.9
571	-120.934	38.707	59	1222	506	39.8	158	373	721	871	1.2	-1.6	2
572	-120.935	38.702	59	1222	508	40.4	158	394	712	814	0.8	-1.1	1.4
573	-120.936	38.698	59	1222	510	40.9	158	394	808	853	0.4	-0.5	0.7
574	-120.937	38.693	60	1222	0	41.4	158	418	780	860	0.4	-0.6	0.7
575	-120.938	38.688	60	1222	2	42	158	418	675	928	1.2	-1.7	2.1
576	-120.938	38.683	60	1222	4	42.5	158	428	757	835	0.6	-0.9	1.1
577	-120.939	38.678	60	1222	6	43	158	428	663	893	1.8	-2.5	3.1
578	-120.94	38.673	60	1222	8	43.6	158	429	723	869	1.2	-1.6	2
579	-120.941	38.668	60	1222	10	44.1	158	429	620	792	1.2	-1.7	2.1
580	-120.942	38.663	60	1222	12	44.6	158	429	582	757	0.9	-1.2	1.5
581	-120.943	38.658	60	1222	14	45.2	158	429	588	738	0.9	-1.2	1.5
582	-120.944	38.653	60	1222	16	45.7	158	426	490	585	0.7	-1	1.3
583	-120.945	38.649	60	1222	18	46.2	158	426	504	-9999	-99.9	-99.9	-99.9
584	-120.945	38.644	60	1222	20	46.8	158	416	348	-9999	-99.9	-99.9	-99.9
585	-120.946	38.639	60	1222	22	47.3	158	416	-9999	557	1.8	-2.6	3.1
586	-120.95	38.619	60	1222	30	49.5	158	411	448	739	2.2	-3	3.7
587	-120.951	38.614	60	1222	32	50	158	389	-9999	764	3.1	-4.3	5.4
588	-120.952	38.609	60	1222	34	50.5	158	389	423	692	1.2	-1.6	2
589	-120.953	38.604	60	1222	36	51.1	158	354	366	685	1.4	-2	2.5
590	-120.953	38.599	60	1222	38	51.6	158	354	489	762	2.4	-3.3	4
591	-120.954	38.595	60	1222	40	52.2	158	332	390	-9999	-99.9	-99.9	-99.9
592	-120.955	38.59	60	1222	42	52.7	158	332	391	772	3	-4.2	5.1
593	-120.957	38.58	60	1222	46	53.8	158	311	350	400	0.5	-0.7	0.9
594	-120.877	38.986	59	1224	392	12	158	728	937	1211	2.1	-2.9	3.6
595	-120.878	38.981	59	1224	394	12.3	158	728	983	1024	1.1	-1.5	1.8
596	-120.879	38.976	59	1224	396	12.7	158	665	834	1050	1.7	-2.4	2.9
597	-120.88	38.972	59	1224	398	13	158	665	888	1106	1.7	-2.4	2.9
598	-120.882	38.962	59	1224	402	13.8	158	494	570	-9999	-99.9	-99.9	-99.9
599	-120.883	38.957	59	1224	404	14.2	158	433	543	592	0.6	-0.8	1
600	-120.883	38.952	59	1224	406	14.6	158	433	-9999	476	0.6	-0.9	1.1
601	-120.884	38.947	59	1224	408	15	158	662	596	702	0.9	-1.2	1.5
602	-120.885	38.942	59	1224	410	15.5	158	662	613	683	0.6	-0.8	1
603	-120.888	38.927	59	1224	416	16.8	158	736	1084	1247	1.4	-1.9	2.3
604	-120.889	38.923	59	1224	418	17.2	158	736	1205	1387	1.5	-2.1	2.6
605	-120.89	38.918	59	1224	420	17.7	158	737	1222	1501	1.8	-2.5	3
606	-120.891	38.913	59	1224	422	18.2	158	737	1112	1337	1.9	-2.6	3.2

607	-120.891	38.908	59	1224	424	18.6	158	645	1041	1312	1.8	-2.6	3.2
608	-120.892	38.903	59	1224	426	19.1	158	645	993	1259	2.3	-3.1	3.8
609	-120.893	38.898	59	1224	428	19.6	158	577	878	1089	1.3	-1.8	2.3
610	-120.894	38.893	59	1224	430	20.1	158	577	716	956	1.5	-2.1	2.6
611	-120.895	38.888	59	1224	432	20.5	158	560	667	978	1.2	-1.7	2.1
612	-120.896	38.883	59	1224	434	21	158	560	646	915	1.3	-2.8	3.1
613	-120.897	38.878	59	1224	436	21.5	158	581	682	-9999	-99.9	-99.9	-99.9
614	-120.898	38.873	59	1224	438	22	158	581	661	927	2.2	-3	3.7
615	-120.899	38.869	59	1224	440	22.5	158	606	930	1250	2.6	-3.6	4.5
616	-120.899	38.864	59	1224	442	23	158	606	969	1338	3	-4.2	5.2
617	-120.9	38.859	59	1224	444	23.5	158	583	917	1295	3	-4.1	5.1
618	-120.901	38.854	59	1224	446	24	158	583	922	1287	3	-4.2	5.1
619	-120.902	38.849	59	1224	448	24.5	158	531	905	1194	2.2	-3	3.7
620	-120.903	38.844	59	1224	450	25	158	531	911	1169	2.1	-2.9	3.6
621	-120.904	38.839	59	1224	452	25.5	158	518	947	1221	2.5	-3.4	4.2
622	-120.905	38.834	59	1224	454	26	158	518	941	1240	1.9	-2.6	3.2
623	-120.906	38.829	59	1224	456	26.6	158	407	936	1123	0.8	-1.2	1.4
624	-120.907	38.824	59	1224	458	27.1	158	407	729	1122	2.5	-3.4	4.2
625	-120.907	38.82	59	1224	460	27.6	158	273	822	1122	2.4	-3.3	4.1
626	-120.908	38.815	59	1224	462	28.1	158	273	833	1151	2	-2.8	3.5
627	-120.909	38.81	59	1224	464	28.6	158	253	822	947	0.7	-1	1.3
628	-120.91	38.805	59	1224	466	29.1	158	253	829	959	1.4	-2	2.4
629	-120.911	38.8	59	1224	468	29.7	158	273	832	933	1.1	-1.5	1.8
630	-120.912	38.795	59	1224	470	30.2	158	273	955	1051	1.7	-2.3	2.9
631	-120.913	38.79	59	1224	472	30.7	158	320	799	1078	1.9	-2.6	3.2
632	-120.914	38.785	59	1224	474	31.2	158	320	787	1106	2.4	-3.3	4.1
633	-120.914	38.78	59	1224	476	31.7	158	406	866	1244	2.9	-4	4.9
634	-120.915	38.775	59	1224	478	32.3	158	406	1153	1471	2.6	-3.6	4.4
635	-120.916	38.77	59	1224	480	32.8	158	487	870	1237	2.4	-3.3	4.1
636	-120.917	38.766	59	1224	482	33.3	158	487	837	1062	1.3	-1.8	2.3
637	-120.918	38.761	59	1224	484	33.8	158	431	882	1221	2.7	-3.7	4.6
638	-120.919	38.756	59	1224	486	34.4	158	431	894	1212	2.7	-3.7	4.6
639	-120.92	38.751	59	1224	488	34.9	158	348	727	1076	2.1	-4	4.6
640	-120.921	38.746	59	1224	490	35.4	158	348	600	798	2.2	-3	3.8
641	-120.922	38.741	59	1224	492	36	158	381	712	-9999	-99.9	-99.9	-99.9
642	-120.922	38.736	59	1224	494	36.5	158	381	880	1131	2.8	-3.9	4.8
643	-120.923	38.731	59	1224	496	37	158	362	698	991	2.3	-3.3	4
644	-120.924	38.726	59	1224	498	37.6	158	362	753	1097	2.4	-3.3	4.1
645	-120.925	38.721	59	1224	500	38.1	158	366	655	846	1.3	-1.8	2.2
646	-120.926	38.717	59	1224	502	38.6	158	366	645	764	0.9	-1.3	1.6
647	-120.927	38.712	59	1224	504	39.2	158	380	687	822	1.1	-1.5	1.8
648	-120.928	38.707	59	1224	506	39.7	158	380	704	803	0.9	-1.2	1.5
649	-120.929	38.702	59	1224	508	40.2	158	394	728	882	1.7	-2.3	2.9
650	-120.93	38.697	59	1224	510	40.8	158	394	768	942	1.5	-2.1	2.6
651	-120.93	38.692	60	1224	0	41.3	158	415	772	935	1.1	-1.5	1.9
652	-120.931	38.687	60	1224	2	41.8	158	415	816	952	1.1	-1.5	1.9
653	-120.932	38.682	60	1224	4	42.4	158	431	800	846	0.4	-1.6	1.7
654	-120.933	38.677	60	1224	6	42.9	158	431	660	892	1.8	-2.5	3.1
655	-120.934	38.672	60	1224	8	43.4	158	429	566	881	2	-2.8	3.5
656	-120.935	38.667	60	1224	10	44	158	429	652	903	2	-2.8	3.4
657	-120.936	38.663	60	1224	12	44.5	158	428	640	873	1.7	-2.4	3

658	-120.937	38.658	60	1224	14	45	158	428	629	914	1.7	-2.3	2.8
659	-120.937	38.653	60	1224	16	45.6	158	406	675	883	1.7	-2.3	2.9
660	-120.938	38.648	60	1224	18	46.1	158	406	588	955	1.6	-2.3	2.8
661	-120.939	38.643	60	1224	20	46.7	158	364	763	-9999	-99.9	-99.9	-99.9
662	-120.941	38.633	60	1224	24	47.7	158	346	578	-9999	-99.9	-99.9	-99.9
663	-120.942	38.628	60	1224	26	48.3	158	346	435	491	0.9	-1.3	1.5
664	-120.943	38.623	60	1224	28	48.8	158	340	422	444	0.5	-0.7	0.8
665	-120.947	38.599	60	1224	38	51.5	158	308	420	708	2.3	-3.2	4
666	-120.948	38.594	60	1224	40	52	158	283	468	649	1.1	-1.6	1.9
667	-120.949	38.589	60	1224	42	52.6	158	283	651	598	0.6	-0.9	1.1
668	-120.955	38.555	60	1224	56	56.4	158	288	402	-9999	-99.9	-99.9	-99.9
669	-120.957	38.545	60	1224	60	57.5	158	245	390	-9999	-99.9	-99.9	-99.9
670	-120.959	38.535	60	1224	64	58.5	158	188	316	-9999	-99.9	-99.9	-99.9
671	-120.87	38.991	59	1226	390	11.2	158	787	1038	1211	1.4	-2	2.5
672	-120.871	38.986	59	1226	392	11.6	158	728	1042	1130	1.3	-1.7	2.2
673	-120.872	38.981	59	1226	394	11.9	158	728	1000	1023	1	-1.4	1.8
674	-120.873	38.976	59	1226	396	12.3	158	665	846	-9999	-99.9	-99.9	-99.9
675	-120.874	38.971	59	1226	398	12.6	158	665	765	857	0.4	-0.5	0.6
676	-120.875	38.961	59	1226	402	13.4	158	494	280	-9999	-99.9	-99.9	-99.9
677	-120.876	38.956	59	1226	404	13.8	158	433	364	737	2.2	-3	3.7
678	-120.877	38.951	59	1226	406	14.3	158	433	479	750	2	-2.8	3.5
679	-120.878	38.946	59	1226	408	14.7	158	662	625	982	1.5	-2.1	2.6
680	-120.879	38.941	59	1226	410	15.1	158	662	690	1013	0.9	-1.2	1.5
681	-120.882	38.927	59	1226	416	16.5	158	736	1083	1240	1.3	-1.8	2.2
682	-120.882	38.922	59	1226	418	16.9	158	736	1290	1472	1.5	-2.1	2.6
683	-120.883	38.917	59	1226	420	17.4	158	737	-9999	1531	1.5	-2.1	2.6
684	-120.884	38.912	59	1226	422	17.9	158	737	1209	1385	1.6	-2.2	2.7
685	-120.885	38.907	59	1226	424	18.4	158	645	1218	1385	1.4	-1.9	2.4
686	-120.886	38.902	59	1226	426	18.8	158	645	1068	1276	1.7	-2.4	2.9
687	-120.887	38.897	59	1226	428	19.3	158	577	933	1119	1.5	-2.1	2.5
688	-120.888	38.892	59	1226	430	19.8	158	577	788	1012	1	-1.4	1.7
689	-120.889	38.888	59	1226	432	20.3	158	560	926	-9999	-99.9	-99.9	-99.9
690	-120.89	38.883	59	1226	434	20.8	158	560	709	766	0.5	-0.7	0.8
691	-120.89	38.878	59	1226	436	21.3	158	581	643	831	1.5	-2.1	2.6
692	-120.891	38.873	59	1226	438	21.8	158	581	634	916	2.1	-3	3.7
693	-120.892	38.868	59	1226	440	22.3	158	606	676	904	1.9	-2.6	3.2
694	-120.893	38.863	59	1226	442	22.8	158	606	844	1162	2.6	-3.6	4.5
695	-120.894	38.858	59	1226	444	23.3	158	583	842	1140	2.8	-3.8	4.7
696	-120.895	38.853	59	1226	446	23.8	158	583	833	1188	2.9	-4	5
697	-120.896	38.848	59	1226	448	24.3	158	531	826	1119	2.4	-3.3	4
698	-120.897	38.843	59	1226	450	24.8	158	531	815	1088	2.3	-3.2	3.9
699	-120.898	38.838	59	1226	452	25.3	158	518	847	1041	1.6	-2.2	2.7
700	-120.898	38.834	59	1226	454	25.8	158	518	865	948	1.1	-1.5	1.9
701	-120.899	38.829	59	1226	456	26.4	158	407	746	867	1	-1.3	1.7
702	-120.9	38.824	59	1226	458	26.9	158	407	724	754	0.2	-0.3	0.4
703	-120.901	38.819	59	1226	460	27.4	158	273	699	961	1.2	-1.6	2
704	-120.902	38.814	59	1226	462	27.9	158	273	769	1096	2.2	-3	3.7
705	-120.903	38.809	59	1226	464	28.4	158	253	776	928	1.4	-1.9	2.3
706	-120.904	38.804	59	1226	466	29	158	253	814	955	1.2	-1.7	2.1
707	-120.905	38.799	59	1226	468	29.5	158	273	811	993	1.7	-2.4	2.9
708	-120.906	38.794	59	1226	470	30	158	273	796	1108	1.6	-2.2	2.8



709	-120.906	38.789	59	1226	472	30.5	158	320	805	1090	2.1	-2.9	3.6
710	-120.907	38.784	59	1226	474	31.1	158	320	907	1026	1.9	-2.7	3.3
711	-120.908	38.78	59	1226	476	31.6	158	406	834	1167	2.5	-3.5	4.3
712	-120.909	38.775	59	1226	478	32.1	158	406	766	1088	2.6	-3.6	4.4
713	-120.91	38.77	59	1226	480	32.6	158	487	922	1178	2.4	-3.3	4.1
714	-120.911	38.765	59	1226	482	33.2	158	487	882	1368	3.6	-5	6.2
715	-120.912	38.76	59	1226	484	33.7	158	431	1050	1357	3.2	-4.4	5.5
716	-120.913	38.755	59	1226	486	34.2	158	431	720	1148	3.4	-4.7	5.8
717	-120.914	38.75	59	1226	488	34.8	158	348	683	1031	2.8	-3.9	4.8
718	-120.914	38.745	59	1226	490	35.3	158	348	544	918	2.7	-3.8	4.7
719	-120.915	38.74	59	1226	492	35.8	158	381	645	1105	2.2	-3	3.7
720	-120.916	38.735	59	1226	494	36.4	158	381	570	912	1.7	-2.3	2.8
721	-120.917	38.731	59	1226	496	36.9	158	362	694	482	0	0	0
722	-120.918	38.726	59	1226	498	37.4	158	362	689	817	1	-1.4	1.8
723	-120.919	38.721	59	1226	500	38	158	366	642	864	1.4	-2	2.5
724	-120.92	38.716	59	1226	502	38.5	158	366	633	846	1.9	-2.7	3.3
725	-120.921	38.711	59	1226	504	39	158	380	643	838	1.2	-1.7	2
726	-120.922	38.706	59	1226	506	39.6	158	380	684	817	1.1	-1.5	1.8
727	-120.922	38.701	59	1226	508	40.1	158	394	729	894	1.3	-1.9	2.3
728	-120.923	38.696	59	1226	510	40.6	158	394	729	918	1.2	-1.7	2.1
729	-120.924	38.691	60	1226	0	41.2	158	415	772	995	1.8	-2.6	3.2
730	-120.925	38.686	60	1226	2	41.7	158	415	811	922	1.7	-2.3	2.9
731	-120.926	38.681	60	1226	4	42.2	158	431	708	826	1	-1.3	1.6
732	-120.927	38.677	60	1226	6	42.8	158	431	632	1041	2.8	-3.8	4.7
733	-120.928	38.672	60	1226	8	43.3	158	429	549	838	2.3	-3.2	4
734	-120.929	38.667	60	1226	10	43.8	158	429	781	808	1.5	-2.1	2.6
735	-120.929	38.662	60	1226	12	44.4	158	428	666	866	1.5	-2	2.5
736	-120.93	38.657	60	1226	14	44.9	158	428	670	821	2	-2.7	3.4
737	-120.931	38.652	60	1226	16	45.5	158	406	726	879	1.6	-2.2	2.8
738	-120.932	38.647	60	1226	18	46	158	406	738	-9999	-99.9	-99.9	-99.9
739	-120.933	38.642	60	1226	20	46.5	158	364	621	1316	4.5	-6.2	7.6
740	-120.936	38.628	60	1226	26	48.2	158	346	446	713	2.2	-3	3.7
741	-120.937	38.623	60	1226	28	48.7	158	340	380	-9999	-99.9	-99.9	-99.9
742	-120.939	38.608	60	1226	34	50.3	158	332	471	-9999	-99.9	-99.9	-99.9
743	-120.94	38.603	60	1226	36	50.9	158	308	545	646	0.7	-1	1.2
744	-120.941	38.598	60	1226	38	51.4	158	308	584	-9999	-99.9	-99.9	-99.9
745	-120.942	38.593	60	1226	40	51.9	158	283	586	661	0.6	-0.8	1
746	-120.943	38.588	60	1226	42	52.5	158	283	621	-9999	-99.9	-99.9	-99.9
747	-120.951	38.544	60	1226	60	57.4	158	245	477	-9999	-99.9	-99.9	-99.9
748	-120.951	38.539	60	1226	62	57.9	158	245	487	-9999	-99.9	-99.9	-99.9
749	-120.864	38.99	59	1228	390	10.8	158	755	904	978	0.6	-0.9	1.1
750	-120.865	38.985	59	1228	392	11.1	158	642	937	1170	1.7	-2.4	2.9
751	-120.866	38.98	59	1228	394	11.5	158	642	834	1124	1.7	-2.4	2.9
752	-120.866	38.975	59	1228	396	11.9	158	553	984	1040	1.2	-1.6	2
753	-120.867	38.97	59	1228	398	12.3	158	553	760	937	1	-1.4	1.7
754	-120.868	38.965	59	1228	400	12.7	158	514	537	-9999	-99.9	-99.9	-99.9
755	-120.869	38.96	59	1228	402	13.1	158	514	614	679	0.5	-0.7	0.9
756	-120.87	38.955	59	1228	404	13.5	158	427	571	543	0.4	-0.5	0.7
757	-120.871	38.951	59	1228	406	13.9	158	427	402	432	0.4	-0.6	0.7
758	-120.872	38.946	59	1228	408	14.4	158	678	532	868	1.9	-2.6	3.2
759	-120.873	38.941	59	1228	410	14.8	158	678	652	879	1.4	-1.9	2.4



811	-120.921	38.671	60	1228	8	43.2	158	435	530	677	1.2	-1.7	2
812	-120.922	38.666	60	1228	10	43.7	158	435	537	701	1.3	-1.9	2.3
813	-120.923	38.661	60	1228	12	44.3	158	429	594	812	1.8	-2.4	3
814	-120.924	38.656	60	1228	14	44.8	158	429	552	863	2.5	-3.4	4.2
815	-120.925	38.651	60	1228	16	45.4	158	427	752	875	1.6	-2.2	2.7
816	-120.926	38.646	60	1228	18	45.9	158	427	675	1221	3.5	-4.8	6
817	-120.927	38.642	60	1228	20	46.4	158	384	-9999	970	1.8	-2.5	3.1
818	-120.928	38.632	60	1228	24	47.5	158	314	642	-9999	-99.9	-99.9	-99.9
819	-120.929	38.627	60	1228	26	48.1	158	314	386	-9999	-99.9	-99.9	-99.9
820	-120.93	38.622	60	1228	28	48.6	158	301	378	-9999	-99.9	-99.9	-99.9
821	-120.931	38.617	60	1228	30	49.1	158	301	557	654	2	-2.8	3.4
822	-120.932	38.612	60	1228	32	49.7	158	313	453	655	1.6	-2.2	2.8
823	-120.933	38.607	60	1228	34	50.2	158	313	512	707	1.5	-2.1	2.6
824	-120.934	38.602	60	1228	36	50.8	158	271	624	711	0.7	-1	1.2
825	-120.935	38.597	60	1228	38	51.3	158	271	669	-9999	-99.9	-99.9	-99.9
826	-120.936	38.592	60	1228	40	51.9	158	250	669	727	0.7	-0.9	1.1
827	-120.936	38.588	60	1228	42	52.4	158	250	639	675	0.5	-0.6	0.8
828	-120.938	38.578	60	1228	46	53.5	158	259	421	-9999	-99.9	-99.9	-99.9
829	-120.943	38.548	60	1228	58	56.7	158	212	640	-9999	-99.9	-99.9	-99.9
830	-120.944	38.543	60	1228	60	57.3	158	196	615	-9999	-99.9	-99.9	-99.9
831	-120.945	38.539	60	1228	62	57.8	158	196	570	-9999	-99.9	-99.9	-99.9
832	-120.946	38.534	60	1228	64	58.4	158	157	-9999	769	0.9	-1.3	1.6
833	-120.857	38.989	59	1230	390	10.4	158	755	804	-9999	-99.9	-99.9	-99.9
834	-120.858	38.984	59	1230	392	10.7	158	642	905	-9999	-99.9	-99.9	-99.9
835	-120.859	38.979	59	1230	394	11.1	158	642	806	1093	2.8	-3.9	4.8
836	-120.86	38.974	59	1230	396	11.5	158	553	749	1007	2.4	-3.3	4.1
837	-120.861	38.97	59	1230	398	11.9	158	553	813	907	1.6	-3.4	3.8
838	-120.862	38.965	59	1230	400	12.3	158	514	707	804	1.4	-2	2.5
839	-120.863	38.96	59	1230	402	12.7	158	514	643	793	1.2	-1.7	2.1
840	-120.864	38.955	59	1230	404	13.1	158	427	626	790	1.3	-1.9	2.3
841	-120.865	38.95	59	1230	406	13.6	158	427	417	729	2.3	-3.2	4
842	-120.865	38.945	59	1230	408	14	158	678	541	816	2	-2.8	3.4
843	-120.866	38.94	59	1230	410	14.5	158	678	645	951	1.8	-2.5	3.1
844	-120.867	38.935	59	1230	412	15	158	689	748	1123	2.6	-3.6	4.5
845	-120.868	38.93	59	1230	414	15.4	158	689	884	1242	3.3	-3.6	4.9
846	-120.869	38.925	59	1230	416	15.9	158	762	1076	1352	2.2	-3.1	3.8
847	-120.87	38.92	59	1230	418	16.4	158	762	1195	1362	1.9	-2.6	3.2
848	-120.871	38.916	59	1230	420	16.9	158	774	1248	1485	1.8	-2.6	3.2
849	-120.872	38.911	59	1230	422	17.3	158	774	1271	1392	1.3	-1.8	2.2
850	-120.873	38.906	59	1230	424	17.8	158	731	1256	1472	1.7	-2.4	3
851	-120.873	38.901	59	1230	426	18.3	158	731	1089	1416	2.6	-3.6	4.5
852	-120.874	38.896	59	1230	428	18.8	158	650	1040	1345	2.4	-3.4	4.1
853	-120.875	38.891	59	1230	430	19.3	158	650	983	1272	2	-2	2.8
854	-120.876	38.886	59	1230	432	19.8	158	624	1018	1177	1.4	-1.9	2.3
855	-120.877	38.881	59	1230	434	20.3	158	624	857	1103	1.9	-2.6	3.3
856	-120.878	38.876	59	1230	436	20.8	158	586	720	1105	2.9	-4	5
857	-120.879	38.871	59	1230	438	21.3	158	586	770	1035	2.1	-2.9	3.6
858	-120.88	38.866	59	1230	440	21.9	158	598	811	1023	2	-2.8	3.4
859	-120.881	38.862	59	1230	442	22.4	158	598	791	1081	1.9	-2.6	3.2
860	-120.881	38.857	59	1230	444	22.9	158	581	884	1113	2.1	-2.9	3.5
861	-120.882	38.852	59	1230	446	23.4	158	581	856	1153	2.4	-3.3	4.1



913	-120.928	38.597	60	1230	38	51.2	158	271	541	737	0.7	-0.9	1.1
914	-120.929	38.592	60	1230	40	51.8	158	250	695	804	1.1	-1.6	1.9
915	-120.93	38.587	60	1230	42	52.3	158	250	649	817	1.3	-1.8	2.3
916	-120.931	38.582	60	1230	44	52.9	158	259	713	981	1.5	-2.1	2.6
917	-120.932	38.577	60	1230	46	53.4	158	259	468	532	0.5	-0.7	0.9
918	-120.933	38.572	60	1230	48	53.9	158	214	480	-9999	-99.9	-99.9	-99.9
919	-120.935	38.562	60	1230	52	55	158	198	528	-9999	-99.9	-99.9	-99.9
920	-120.935	38.557	60	1230	54	55.6	158	198	695	-9999	-99.9	-99.9	-99.9
921	-120.939	38.538	60	1230	62	57.8	158	196	597	-9999	-99.9	-99.9	-99.9
922	-120.94	38.533	60	1230	64	58.3	158	157	639	-9999	-99.9	-99.9	-99.9
923	-120.85	38.993	59	1232	388	9.6	158	676	813	-9999	-99.9	-99.9	-99.9
924	-120.851	38.988	59	1232	390	9.9	158	676	790	845	0.2	-0.2	0.3
925	-120.852	38.984	59	1232	392	10.3	158	514	798	818	0.1	-0.2	0.2
926	-120.853	38.979	59	1232	394	10.7	158	514	822	958	1.5	-2.9	3.2
927	-120.854	38.974	59	1232	396	11.1	158	400	762	816	1.2	-1.7	2
928	-120.855	38.969	59	1232	398	11.5	158	400	545	-9999	-99.9	-99.9	-99.9
929	-120.856	38.964	59	1232	400	11.9	158	416	627	-9999	-99.9	-99.9	-99.9
930	-120.857	38.959	59	1232	402	12.4	158	416	623	783	1	-1.4	1.7
931	-120.857	38.954	59	1232	404	12.8	158	527	483	660	1.2	-1.7	2
932	-120.858	38.949	59	1232	406	13.3	158	527	423	-9999	-99.9	-99.9	-99.9
933	-120.859	38.944	59	1232	408	13.7	158	720	600	823	1.5	-2.1	2.6
934	-120.86	38.939	59	1232	410	14.2	158	720	742	904	1.3	-1.8	2.2
935	-120.861	38.934	59	1232	412	14.7	158	694	810	1114	2.5	-3.5	4.3
936	-120.862	38.93	59	1232	414	15.1	158	694	810	1109	2.8	-3.9	4.8
937	-120.863	38.925	59	1232	416	15.6	158	733	1034	992	1.5	-2	2.5
938	-120.864	38.92	59	1232	418	16.1	158	733	1242	1344	2	-2.8	3.4
939	-120.865	38.915	59	1232	420	16.6	158	768	1267	1511	2.4	-3.3	4
940	-120.865	38.91	59	1232	422	17.1	158	768	1243	1570	2.7	-3.8	4.7
941	-120.866	38.905	59	1232	424	17.6	158	763	1273	1543	2.4	-3.4	4.2
942	-120.867	38.9	59	1232	426	18.1	158	763	1142	1502	3.2	-4.4	5.4
943	-120.868	38.895	59	1232	428	18.6	158	710	1146	1460	2.6	-3.6	4.5
944	-120.869	38.89	59	1232	430	19.1	158	710	989	1396	2.4	-3.4	4.1
945	-120.87	38.885	59	1232	432	19.6	158	679	999	1329	2.6	-3.7	4.5
946	-120.871	38.881	59	1232	434	20.1	158	679	823	1244	3.1	-3.2	4.4
947	-120.872	38.876	59	1232	436	20.6	158	637	709	1238	3.6	-5.1	6.2
948	-120.873	38.871	59	1232	438	21.1	158	637	812	1117	2.4	-3.3	4.1
949	-120.873	38.866	59	1232	440	21.7	158	602	760	955	1.7	-2.4	2.9
950	-120.874	38.861	59	1232	442	22.2	158	602	817	1106	2.3	-3.2	3.9
951	-120.875	38.856	59	1232	444	22.7	158	589	855	1133	2.2	-3	3.7
952	-120.876	38.851	59	1232	446	23.2	158	589	842	1123	2.2	-3.1	3.8
953	-120.877	38.846	59	1232	448	23.7	158	555	866	1153	2.1	-2.8	3.5
954	-120.878	38.841	59	1232	450	24.3	158	555	817	1107	2.3	-3.2	3.9
955	-120.879	38.836	59	1232	452	24.8	158	545	839	841	0.2	-0.3	0.4
956	-120.88	38.831	59	1232	454	25.3	158	545	738	-9999	-99.9	-99.9	-99.9
957	-120.881	38.827	59	1232	456	25.8	158	513	644	823	0.4	-0.6	0.7
958	-120.881	38.822	59	1232	458	26.4	158	513	768	801	0.4	-0.6	0.8
959	-120.882	38.817	59	1232	460	26.9	158	440	740	965	2.6	-3.6	4.5
960	-120.883	38.812	59	1232	462	27.4	158	440	577	-9999	-99.9	-99.9	-99.9
961	-120.884	38.807	59	1232	464	28	158	344	625	936	2.5	-3.4	4.2
962	-120.885	38.802	59	1232	466	28.5	158	344	634	951	1.7	-2.4	2.9
963	-120.886	38.797	59	1232	468	29	158	310	834	949	1.4	-1.9	2.4

964	-120.887	38.792	59	1232	470	29.5	158	310	781	1053	2.1	-2.9	3.5
965	-120.888	38.787	59	1232	472	30.1	158	388	809	1035	2.1	-2.9	3.6
966	-120.889	38.782	59	1232	474	30.6	158	388	807	999	2	-2.8	3.4
967	-120.889	38.778	59	1232	476	31.1	158	455	770	979	1.9	-2.6	3.2
968	-120.89	38.773	59	1232	478	31.7	158	455	787	948	1.1	-1.6	2
969	-120.891	38.768	59	1232	480	32.2	158	482	721	745	0.2	-0.3	0.3
970	-120.892	38.763	59	1232	482	32.8	158	482	799	1179	3	-4.1	5.1
971	-120.893	38.758	59	1232	484	33.3	158	463	860	-9999	-99.9	-99.9	-99.9
972	-120.894	38.753	59	1232	486	33.8	158	463	790	1069	2.3	-3.2	3.9
973	-120.895	38.748	59	1232	488	34.4	158	399	768	1132	3.7	-5.1	6.3
974	-120.896	38.743	59	1232	490	34.9	158	399	665	1000	2.7	-3.8	4.7
975	-120.897	38.738	59	1232	492	35.4	158	437	680	842	1.3	-1.8	2.3
976	-120.897	38.733	59	1232	494	36	158	437	553	687	0.9	-1.3	1.5
977	-120.899	38.724	59	1232	498	37.1	158	434	507	-9999	-99.9	-99.9	-99.9
978	-120.9	38.719	59	1232	500	37.6	158	413	651	831	1.5	-2	2.5
979	-120.901	38.714	59	1232	502	38.1	158	413	566	722	1.4	-2	2.5
980	-120.902	38.709	59	1232	504	38.7	158	412	536	757	1.6	-2.2	2.7
981	-120.903	38.704	59	1232	506	39.2	158	412	599	779	1.5	-2.1	2.5
982	-120.904	38.699	59	1232	508	39.7	158	436	716	826	1	-1.3	1.6
983	-120.904	38.694	59	1232	510	40.3	158	436	509	620	1.3	-1.9	2.3
984	-120.905	38.689	60	1232	0	40.8	158	456	-9999	622	0.2	-1.7	1.7
985	-120.906	38.684	60	1232	2	41.4	158	456	617	725	0.9	-1.3	1.5
986	-120.907	38.679	60	1232	4	41.9	158	471	552	804	0.3	-2.2	2.2
987	-120.908	38.675	60	1232	6	42.5	158	471	608	-9999	-99.9	-99.9	-99.9
988	-120.909	38.67	60	1232	8	43	158	456	647	942	2.4	-3.3	4.1
989	-120.91	38.665	60	1232	10	43.5	158	456	631	986	2.9	-4	4.9
990	-120.911	38.66	60	1232	12	44.1	158	432	623	711	1.3	-1.8	2.2
991	-120.912	38.655	60	1232	14	44.6	158	432	585	804	2	-2.8	3.4
992	-120.912	38.65	60	1232	16	45.2	158	395	671	869	1.6	-2.2	2.7
993	-120.913	38.645	60	1232	18	45.7	158	395	703	967	2.3	-3.1	3.9
994	-120.914	38.64	60	1232	20	46.3	158	373	724	-9999	-99.9	-99.9	-99.9
995	-120.918	38.621	60	1232	28	48.4	158	320	432	-9999	-99.9	-99.9	-99.9
996	-120.919	38.616	60	1232	30	49	158	320	541	-9999	-99.9	-99.9	-99.9
997	-120.92	38.611	60	1232	32	49.5	158	321	410	799	3.1	-4.3	5.3
998	-120.92	38.606	60	1232	34	50.1	158	321	496	-9999	-99.9	-99.9	-99.9
999	-120.921	38.601	60	1232	36	50.6	158	263	560	777	2.2	-3	3.7
1000	-120.922	38.596	60	1232	38	51.1	158	263	694	845	1.7	-1.2	2.1
1001	-120.923	38.591	60	1232	40	51.7	158	238	732	837	1.1	-1.5	1.9
1002	-120.924	38.586	60	1232	42	52.2	158	238	763	944	1.5	-2	2.5
1003	-120.925	38.581	60	1232	44	52.8	158	250	719	758	0.6	-0.9	1.1
1004	-120.926	38.576	60	1232	46	53.3	158	250	633	708	0.8	-1	1.3
1005	-120.927	38.571	60	1232	48	53.9	158	226	622	755	1.4	-1.9	2.3
1006	-120.927	38.567	60	1232	50	54.4	158	226	587	845	2.2	-3.1	3.8
1007	-120.928	38.562	60	1232	52	55	158	203	494	880	3	-4.2	5.2
1008	-120.929	38.557	60	1232	54	55.5	158	203	624	-9999	-99.9	-99.9	-99.9
1009	-120.931	38.547	60	1232	58	56.6	158	231	562	809	2.5	-3.5	4.3
1010	-120.932	38.542	60	1232	60	57.1	158	225	642	728	1.6	-3.5	3.9
1011	-120.933	38.537	60	1232	62	57.7	158	225	682	914	1.9	-2.7	3.3
1012	-120.934	38.532	60	1232	64	58.2	158	214	444	927	3.3	-4.6	5.7
1013	-120.935	38.527	60	1232	66	58.8	158	214	-9999	797	1.8	-2.5	3
1014	-120.94	38.498	60	1232	78	62	158	199	295	351	0.2	-0.3	0.4

1015	-120.941	38.493	60	1232	80	62.6	158	196	319	477	1.4	-1.9	2.3
1016	-120.942	38.488	60	1232	82	63.1	158	196	278	484	1.6	-2.3	2.8
1017	-120.942	38.483	60	1232	84	63.7	158	191	480	-9999	-99.9	-99.9	-99.9
1018	-120.843	38.998	59	1234	386	8.8	158	761	674	825	0.7	-1	1.2
1019	-120.844	38.993	59	1234	388	9.2	158	676	773	718	0.4	-0.6	0.7
1020	-120.845	38.988	59	1234	390	9.5	158	676	776	-9999	-99.9	-99.9	-99.9
1021	-120.846	38.983	59	1234	392	9.9	158	514	706	577	0	0	0
1022	-120.847	38.978	59	1234	394	10.3	158	514	649	751	1.1	-1.6	2
1023	-120.848	38.973	59	1234	396	10.7	158	400	629	853	1.1	-1.6	1.9
1024	-120.848	38.968	59	1234	398	11.2	158	400	540	-9999	-99.9	-99.9	-99.9
1025	-120.849	38.963	59	1234	400	11.6	158	416	542	588	0.4	-0.5	0.6
1026	-120.85	38.958	59	1234	402	12.1	158	416	519	691	1.2	-1.7	2.1
1027	-120.851	38.953	59	1234	404	12.5	158	527	549	628	0.6	-0.9	1.1
1028	-120.852	38.948	59	1234	406	13	158	527	574	796	1.6	-2.3	2.8
1029	-120.853	38.944	59	1234	408	13.4	158	720	743	817	0.5	-0.7	0.9
1030	-120.854	38.939	59	1234	410	13.9	158	720	787	1133	2.6	-3.5	4.4
1031	-120.855	38.934	59	1234	412	14.4	158	694	765	1066	2.6	-3.6	4.4
1032	-120.856	38.929	59	1234	414	14.9	158	694	864	1099	2.5	-3.4	4.2
1033	-120.856	38.924	59	1234	416	15.4	158	733	1094	1280	2.4	-3.4	4.2
1034	-120.857	38.919	59	1234	418	15.9	158	733	1218	1518	2.4	-3.4	4.2
1035	-120.858	38.914	59	1234	420	16.4	158	768	1274	1524	2.3	-3.2	4
1036	-120.859	38.909	59	1234	422	16.9	158	768	1202	1496	2.6	-3.6	4.4
1037	-120.86	38.904	59	1234	424	17.4	158	763	1235	1615	3	-4.2	5.2
1038	-120.861	38.899	59	1234	426	17.9	158	763	1188	1542	2.6	-3.7	4.5
1039	-120.862	38.895	59	1234	428	18.4	158	710	1266	1547	2.2	-3.1	3.8
1040	-120.863	38.89	59	1234	430	18.9	158	710	1127	1512	2.9	-4	5
1041	-120.864	38.885	59	1234	432	19.4	158	679	1079	1395	2.4	-3.3	4.1
1042	-120.864	38.88	59	1234	434	19.9	158	679	903	1308	3.2	-4.5	5.5
1043	-120.865	38.875	59	1234	436	20.4	158	637	881	1294	3.6	-5	6.2
1044	-120.866	38.87	59	1234	438	21	158	637	893	1234	2.7	-3.7	4.6
1045	-120.868	38.86	59	1234	442	22	158	602	921	1190	2.1	-2.9	3.6
1046	-120.869	38.855	59	1234	444	22.5	158	589	958	1244	2.2	-3.1	3.8
1047	-120.87	38.85	59	1234	446	23	158	589	965	1250	2.2	-3.1	3.8
1048	-120.871	38.845	59	1234	448	23.6	158	555	1007	1310	2.6	-3.6	4.4
1049	-120.872	38.841	59	1234	450	24.1	158	555	986	1240	2.5	-3.4	4.2
1050	-120.873	38.836	59	1234	452	24.6	158	545	861	1248	3	-4.2	5.2
1051	-120.873	38.831	59	1234	454	25.2	158	545	835	1267	3.7	-5.1	6.3
1052	-120.874	38.826	59	1234	456	25.7	158	513	836	884	1.7	-2.4	2.9
1053	-120.875	38.821	59	1234	458	26.2	158	513	791	926	1.5	-2	2.5
1054	-120.876	38.816	59	1234	460	26.7	158	440	680	839	0.7	-0.2	0.8
1055	-120.877	38.811	59	1234	462	27.3	158	440	625	969	2.8	-3.9	4.8
1056	-120.878	38.806	59	1234	464	27.8	158	344	598	-9999	-99.9	-99.9	-99.9
1057	-120.879	38.801	59	1234	466	28.3	158	344	635	-9999	-99.9	-99.9	-99.9
1058	-120.88	38.796	59	1234	468	28.9	158	310	1031	1424	3.9	-5.4	6.7
1059	-120.88	38.792	59	1234	470	29.4	158	310	826	1330	3.9	-5.3	6.6
1060	-120.881	38.787	59	1234	472	30	158	388	701	-9999	-99.9	-99.9	-99.9
1061	-120.882	38.782	59	1234	474	30.5	158	388	789	-9999	-99.9	-99.9	-99.9
1062	-120.883	38.777	59	1234	476	31	158	455	854	1153	2.6	-3.6	4.5
1063	-120.884	38.772	59	1234	478	31.6	158	455	789	1056	1.5	-2.1	2.6
1064	-120.885	38.767	59	1234	480	32.1	158	482	771	824	0.4	-0.6	0.7
1065	-120.886	38.762	59	1234	482	32.6	158	482	807	-9999	-99.9	-99.9	-99.9





1117	-120.84	38.977	59	1236	394	10	158	484	593	671	0.6	-0.8	1
1118	-120.841	38.972	59	1236	396	10.4	158	485	606	-9999	-99.9	-99.9	-99.9
1119	-120.842	38.967	59	1236	398	10.8	158	485	582	793	1	-1.4	1.7
1120	-120.844	38.958	59	1236	402	11.7	158	575	632	906	2.1	-3	3.7
1121	-120.845	38.953	59	1236	404	12.2	158	666	548	836	1.5	-2	2.5
1122	-120.846	38.948	59	1236	406	12.7	158	666	560	942	2.3	-3.2	3.9
1123	-120.847	38.943	59	1236	408	13.2	158	744	752	1208	2.7	-3.8	4.6
1124	-120.848	38.938	59	1236	410	13.7	158	744	800	1256	3.1	-4.3	5.3
1125	-120.848	38.933	59	1236	412	14.1	158	718	897	948	1.1	-1.5	1.8
1126	-120.849	38.928	59	1236	414	14.6	158	718	823	1100	2.2	-3	3.7
1127	-120.85	38.923	59	1236	416	15.1	158	758	1062	1475	3.3	-4.6	5.7
1128	-120.851	38.918	59	1236	418	15.6	158	758	917	1320	2.5	-3.5	4.3
1129	-120.852	38.913	59	1236	420	16.1	158	775	1063	1330	2.2	-3	3.7
1130	-120.853	38.909	59	1236	422	16.6	158	775	1245	1484	1.9	-2.7	3.3
1131	-120.854	38.904	59	1236	424	17.2	158	763	1117	1549	3	-4.1	5.1
1132	-120.855	38.899	59	1236	426	17.7	158	763	1177	1462	2.6	-3.6	4.5
1133	-120.856	38.894	59	1236	428	18.2	158	724	1209	1504	2.6	-3.6	4.4
1134	-120.856	38.889	59	1236	430	18.7	158	724	1131	1550	3.3	-4.6	5.7
1135	-120.857	38.884	59	1236	432	19.2	158	696	1057	1325	2.3	-3.1	3.9
1136	-120.858	38.879	59	1236	434	19.7	158	696	1009	1335	3.5	-4.8	6
1137	-120.859	38.874	59	1236	436	20.3	158	661	904	1269	2.8	-3.9	4.8
1138	-120.86	38.869	59	1236	438	20.8	158	661	809	1136	2.2	-3	3.7
1139	-120.861	38.864	59	1236	440	21.3	158	626	820	1085	2.1	-2.9	3.5
1140	-120.862	38.86	59	1236	442	21.8	158	626	1017	1203	1.5	-2.1	2.5
1141	-120.863	38.855	59	1236	444	22.4	158	611	1038	1259	2.2	-3.1	3.8
1142	-120.864	38.85	59	1236	446	22.9	158	611	1020	1280	2.4	-3.3	4
1143	-120.864	38.845	59	1236	448	23.4	158	603	1038	1340	2.2	-3	3.7
1144	-120.865	38.84	59	1236	450	24	158	603	1090	1306	1.8	-2.5	3.1
1145	-120.866	38.835	59	1236	452	24.5	158	576	1002	1332	2.7	-3.7	4.6
1146	-120.867	38.83	59	1236	454	25	158	576	1010	1246	2.7	-3.7	4.5
1147	-120.868	38.825	59	1236	456	25.5	158	524	875	1000	1	-1.4	1.8
1148	-120.869	38.82	59	1236	458	26.1	158	524	722	942	1.5	-2.1	2.6
1149	-120.87	38.815	59	1236	460	26.6	158	477	716	1029	2.7	-3.8	4.7
1150	-120.871	38.81	59	1236	462	27.1	158	477	635	979	2.7	-3.8	4.6
1151	-120.872	38.806	59	1236	464	27.7	158	430	647	997	2.8	-3.9	4.8
1152	-120.872	38.801	59	1236	466	28.2	158	430	651	1005	2.8	-3.9	4.9
1153	-120.875	38.786	59	1236	472	29.8	158	414	635	1100	3.4	-4.8	5.9
1154	-120.876	38.781	59	1236	474	30.4	158	414	730	1177	3.3	-4.6	5.6
1155	-120.877	38.776	59	1236	476	30.9	158	490	1038	806	1.4	-2	2.4
1156	-120.878	38.771	59	1236	478	31.4	158	490	712	781	0.5	-0.7	0.9
1157	-120.879	38.766	59	1236	480	32	158	491	875	820	0.4	-0.5	0.6
1158	-120.88	38.761	59	1236	482	32.5	158	491	799	950	0.7	-1	1.3
1159	-120.88	38.756	59	1236	484	33.1	158	451	874	1127	2.1	-2.8	3.5
1160	-120.881	38.752	59	1236	486	33.6	158	451	817	1075	2	-2.8	3.5
1161	-120.882	38.747	59	1236	488	34.1	158	399	809	991	1.5	-2.1	2.6
1162	-120.883	38.742	59	1236	490	34.7	158	399	626	827	1.7	-2.4	2.9
1163	-120.884	38.737	59	1236	492	35.2	158	455	591	692	1	-1.4	1.7
1164	-120.885	38.732	59	1236	494	35.8	158	455	578	-9999	-99.9	-99.9	-99.9
1165	-120.888	38.717	59	1236	500	37.4	158	444	495	-9999	-99.9	-99.9	-99.9
1166	-120.888	38.712	59	1236	502	37.9	158	444	470	695	1.8	-2.5	3.1
1167	-120.889	38.707	59	1236	504	38.5	158	438	551	805	2	-2.8	3.5



1219	-120.841	38.937	59	1238	410	13.4	158	744	961	1109	1.7	-2.3	2.8
1220	-120.842	38.932	59	1238	412	13.9	158	718	999	1224	1.8	-2.5	3.1
1221	-120.843	38.927	59	1238	414	14.4	158	718	1020	1130	1.1	-1.5	1.8
1222	-120.844	38.923	59	1238	416	14.9	158	758	1046	1339	2.2	-3	3.7
1223	-120.845	38.918	59	1238	418	15.4	158	758	1079	1392	2.5	-3.5	4.3
1224	-120.846	38.913	59	1238	420	15.9	158	775	1138	1311	1.4	-2	2.4
1225	-120.847	38.908	59	1238	422	16.4	158	775	1225	1364	1.6	-2.2	2.7
1226	-120.847	38.903	59	1238	424	17	158	763	1169	1463	2.5	-3.4	4.2
1227	-120.848	38.898	59	1238	426	17.5	158	763	1143	1522	2.8	-3.9	4.8
1228	-120.849	38.893	59	1238	428	18	158	724	1165	1470	2.6	-3.6	4.4
1229	-120.85	38.888	59	1238	430	18.5	158	724	1122	1568	3.5	-4.9	6.1
1230	-120.851	38.883	59	1238	432	19	158	696	1092	1475	3.3	-4.6	5.6
1231	-120.852	38.878	59	1238	434	19.6	158	696	1074	1489	3.3	-4.6	5.6
1232	-120.853	38.874	59	1238	436	20.1	158	661	957	1386	3.4	-4.7	5.9
1233	-120.854	38.869	59	1238	438	20.6	158	661	912	1280	2.9	-4	5
1234	-120.855	38.864	59	1238	440	21.2	158	626	936	1218	2.2	-3	3.8
1235	-120.856	38.859	59	1238	442	21.7	158	626	1034	1367	2.5	-3.5	4.4
1236	-120.856	38.854	59	1238	444	22.2	158	611	1019	1287	2.2	-3.1	3.8
1237	-120.857	38.849	59	1238	446	22.7	158	611	1011	1302	2.3	-3.2	4
1238	-120.858	38.844	59	1238	448	23.3	158	603	1072	1348	2.1	-2.9	3.5
1239	-120.859	38.839	59	1238	450	23.8	158	603	1101	1343	1.8	-2.5	3
1240	-120.86	38.834	59	1238	452	24.3	158	576	1151	1440	1.5	-2.1	2.5
1241	-120.861	38.829	59	1238	454	24.9	158	576	1036	1315	1.7	-2.4	2.9
1242	-120.862	38.824	59	1238	456	25.4	158	524	875	1108	1.3	-1.8	2.2
1243	-120.863	38.82	59	1238	458	26	158	524	750	885	1	-1.4	1.7
1244	-120.864	38.815	59	1238	460	26.5	158	477	678	990	2.4	-3.3	4
1245	-120.864	38.81	59	1238	462	27	158	477	684	693	0.2	-0.3	0.4
1246	-120.865	38.805	59	1238	464	27.6	158	430	627	702	0.7	-1	1.2
1247	-120.866	38.8	59	1238	466	28.1	158	430	602	758	1.5	-2.1	2.6
1248	-120.867	38.795	59	1238	468	28.6	158	376	430	-9999	-99.9	-99.9	-99.9
1249	-120.868	38.79	59	1238	470	29.2	158	376	499	671	0.8	-1.1	1.3
1250	-120.869	38.785	59	1238	472	29.7	158	414	548	768	1.4	-2	2.4
1251	-120.87	38.78	59	1238	474	30.3	158	414	465	-9999	-99.9	-99.9	-99.9
1252	-120.871	38.775	59	1238	476	30.8	158	490	660	848	0.8	-1.2	1.4
1253	-120.872	38.771	59	1238	478	31.3	158	490	714	802	0.7	-1	1.2
1254	-120.872	38.766	59	1238	480	31.9	158	491	801	801	0.5	-0.7	0.9
1255	-120.873	38.761	59	1238	482	32.4	158	491	786	-9999	-99.9	-99.9	-99.9
1256	-120.874	38.756	59	1238	484	33	158	451	822	788	0.4	-0.5	0.6
1257	-120.875	38.751	59	1238	486	33.5	158	451	869	1137	2.4	-3.3	4.1
1258	-120.876	38.746	59	1238	488	34	158	399	802	980	1.6	-2.3	2.8
1259	-120.877	38.741	59	1238	490	34.6	158	399	679	842	1.7	-2.4	2.9
1260	-120.878	38.736	59	1238	492	35.1	158	455	579	760	1.4	-2	2.5
1261	-120.879	38.731	59	1238	494	35.7	158	455	553	785	1.9	-2.6	3.2
1262	-120.88	38.726	59	1238	496	36.2	158	465	583	814	1.9	-2.6	3.2
1263	-120.881	38.717	59	1238	500	37.3	158	444	-9999	993	4.1	-5.7	7
1264	-120.882	38.712	59	1238	502	37.8	158	444	487	-9999	-99.9	-99.9	-99.9
1265	-120.883	38.707	59	1238	504	38.4	158	438	559	797	2.5	-3.5	4.3
1266	-120.884	38.702	59	1238	506	38.9	158	438	555	840	2.8	-3.9	4.8
1267	-120.885	38.697	59	1238	508	39.5	158	452	494	597	0	-0.1	0.1
1268	-120.886	38.692	59	1238	510	40	158	452	569	685	1.6	-2.3	2.8
1269	-120.887	38.687	60	1238	0	40.6	158	472	568	706	1.1	-1.6	1.9

1270	-120.887	38.682	60	1238	2	41.1	158	472	598	-9999	-99.9	-99.9	-99.9
1271	-120.89	38.668	60	1238	8	42.7	158	464	572	843	1.8	-2.5	3
1272	-120.891	38.663	60	1238	10	43.3	158	464	563	720	1.3	-1.8	2.2
1273	-120.892	38.658	60	1238	12	43.8	158	452	596	751	1.2	-1.7	2.1
1274	-120.893	38.653	60	1238	14	44.4	158	452	608	-9999	-99.9	-99.9	-99.9
1275	-120.894	38.648	60	1238	16	44.9	158	429	672	-9999	-99.9	-99.9	-99.9
1276	-120.895	38.643	60	1238	18	45.5	158	429	714	-9999	-99.9	-99.9	-99.9
1277	-120.895	38.638	60	1238	20	46	158	357	705	-9999	-99.9	-99.9	-99.9
1278	-120.902	38.604	60	1238	34	49.8	158	311	737	-9999	-99.9	-99.9	-99.9
1279	-120.903	38.599	60	1238	36	50.4	158	273	741	-9999	-99.9	-99.9	-99.9
1280	-120.903	38.594	60	1238	38	50.9	158	273	696	-9999	-99.9	-99.9	-99.9
1281	-120.904	38.589	60	1238	40	51.5	158	235	653	795	1.3	-1.7	2.1
1282	-120.905	38.584	60	1238	42	52	158	235	584	807	1.5	-2	2.5
1283	-120.906	38.579	60	1238	44	52.6	158	235	513	688	0.9	-1.3	1.6
1284	-120.907	38.574	60	1238	46	53.1	158	235	454	603	1.4	-1.9	2.4
1285	-120.908	38.569	60	1238	48	53.7	158	241	537	594	1.1	-1.5	1.9
1286	-120.909	38.564	60	1238	50	54.2	158	241	502	556	0.5	-0.7	0.9
1287	-120.91	38.56	60	1238	52	54.8	158	252	510	-9999	-99.9	-99.9	-99.9
1288	-120.91	38.555	60	1238	54	55.3	158	252	624	659	0	0	0
1289	-120.911	38.55	60	1238	56	55.8	158	265	574	740	0.7	-0.9	1.2
1290	-120.912	38.545	60	1238	58	56.4	158	265	587	730	1	-1.4	1.7
1291	-120.913	38.54	60	1238	60	56.9	158	257	640	978	2.2	-3.1	3.8
1292	-120.914	38.535	60	1238	62	57.5	158	257	579	-9999	-99.9	-99.9	-99.9
1293	-120.915	38.53	60	1238	64	58	158	222	616	716	0.8	-1.1	1.3
1294	-120.916	38.525	60	1238	66	58.6	158	222	835	-9999	-99.9	-99.9	-99.9
1295	-120.92	38.501	60	1238	76	61.3	158	228	343	-9999	-99.9	-99.9	-99.9
1296	-120.921	38.496	60	1238	78	61.9	158	228	377	1235	6.4	-8.9	10.9
1297	-120.922	38.491	60	1238	80	62.4	158	220	304	510	1.6	-2.3	2.8
1298	-120.923	38.486	60	1238	82	63	158	220	350	573	1.8	-2.4	3
1299	-120.924	38.481	60	1238	84	63.5	158	205	404	614	1.6	-2.3	2.8
1300	-120.925	38.476	60	1238	86	64.1	158	205	411	621	1.7	-2.3	2.9
1301	-120.925	38.471	60	1238	88	64.6	158	201	310	531	1.7	-2.4	2.9
1302	-120.927	38.461	60	1238	92	65.7	158	196	531	615	1.7	-2.3	2.9
1303	-120.929	38.452	60	1238	96	66.8	158	190	807	-9999	-99.9	-99.9	-99.9
1304	-120.93	38.447	60	1238	98	67.3	158	190	1517	-9999	-99.9	-99.9	-99.9
1305	-120.823	39	59	1240	384	7.2	158	486	662	678	0.1	-0.1	0.2
1306	-120.824	38.995	59	1240	386	7.6	158	486	748	-9999	-99.9	-99.9	-99.9
1307	-120.825	38.991	59	1240	388	8	158	509	711	-9999	-99.9	-99.9	-99.9
1308	-120.826	38.986	59	1240	390	8.4	158	509	578	-9999	-99.9	-99.9	-99.9
1309	-120.827	38.981	59	1240	392	8.9	158	585	558	-9999	-99.9	-99.9	-99.9
1310	-120.828	38.976	59	1240	394	9.3	158	585	536	-9999	-99.9	-99.9	-99.9
1311	-120.829	38.971	59	1240	396	9.8	158	569	635	661	0.1	-0.1	0.1
1312	-120.83	38.966	59	1240	398	10.2	158	569	643	-9999	-99.9	-99.9	-99.9
1313	-120.83	38.961	59	1240	400	10.7	158	618	587	659	0.5	-0.8	0.9
1314	-120.831	38.956	59	1240	402	11.2	158	618	851	1275	3.5	-4.9	6
1315	-120.832	38.951	59	1240	404	11.7	158	739	1224	1935	5.7	-7.9	9.7
1316	-120.833	38.946	59	1240	406	12.2	158	739	1102	1154	2.9	-4.1	5
1317	-120.834	38.942	59	1240	408	12.7	158	741	1052	1351	2.4	-3.3	4
1318	-120.835	38.937	59	1240	410	13.2	158	741	1044	1299	2	-2.8	3.5
1319	-120.836	38.932	59	1240	412	13.7	158	749	1068	1338	1.9	-2.6	3.3
1320	-120.837	38.927	59	1240	414	14.2	158	749	1018	1344	2.2	-3.1	3.8

1321	-120.838	38.922	59	1240	416	14.7	158	787	1092	1445	2.3	-3.2	3.9
1322	-120.839	38.917	59	1240	418	15.2	158	787	1124	1383	2.5	-3.5	4.3
1323	-120.839	38.912	59	1240	420	15.7	158	792	1232	1500	2.2	-3	3.7
1324	-120.84	38.907	59	1240	422	16.3	158	792	1196	1481	1.9	-2.6	3.2
1325	-120.841	38.902	59	1240	424	16.8	158	777	1141	1426	2.2	-3.1	3.8
1326	-120.842	38.897	59	1240	426	17.3	158	777	1122	1422	2.2	-3.1	3.8
1327	-120.843	38.892	59	1240	428	17.8	158	744	1077	1448	3	-4.1	5.1
1328	-120.844	38.888	59	1240	430	18.4	158	744	1124	1583	3.6	-5	6.2
1329	-120.845	38.883	59	1240	432	18.9	158	710	1107	1477	3	-4.2	5.1
1330	-120.847	38.868	59	1240	438	20.5	158	686	970	1198	1.8	-2.5	3.1
1331	-120.848	38.863	59	1240	440	21	158	666	1010	1342	2.7	-3.7	4.6
1332	-120.849	38.858	59	1240	442	21.5	158	666	1085	1340	2	-2.7	3.4
1333	-120.85	38.853	59	1240	444	22.1	158	652	1045	1220	1.7	-2.4	2.9
1334	-120.851	38.848	59	1240	446	22.6	158	652	966	1249	2.3	-3.2	3.9
1335	-120.852	38.843	59	1240	448	23.1	158	625	1028	1236	1.7	-2.4	2.9
1336	-120.853	38.838	59	1240	450	23.7	158	625	1065	1300	1.9	-2.6	3.3
1337	-120.854	38.834	59	1240	452	24.2	158	596	1152	1432	1.6	-2.3	2.8
1338	-120.855	38.829	59	1240	454	24.8	158	596	1031	1339	1.9	-2.7	3.3
1339	-120.855	38.824	59	1240	456	25.3	158	553	895	1158	1.2	-1.6	2
1340	-120.856	38.819	59	1240	458	25.8	158	553	856	914	0.7	-1	1.2
1341	-120.857	38.814	59	1240	460	26.4	158	512	781	938	1.1	-1.5	1.9
1342	-120.858	38.809	59	1240	462	26.9	158	512	699	798	1	-1.4	1.8
1343	-120.859	38.804	59	1240	464	27.5	158	499	717	737	0.4	-0.5	0.6
1344	-120.86	38.799	59	1240	466	28	158	499	628	700	0.6	-0.9	1.1
1345	-120.861	38.794	59	1240	468	28.5	158	450	624	677	0.8	-1.2	1.4
1346	-120.862	38.789	59	1240	470	29.1	158	450	515	639	1.1	-1.5	1.9
1347	-120.863	38.785	59	1240	472	29.6	158	424	433	666	1.4	-2	2.4
1348	-120.863	38.78	59	1240	474	30.2	158	424	638	-9999	-99.9	-99.9	-99.9
1349	-120.864	38.775	59	1240	476	30.7	158	506	686	-9999	-99.9	-99.9	-99.9
1350	-120.865	38.77	59	1240	478	31.2	158	506	588	798	1.6	-2.2	2.7
1351	-120.866	38.765	59	1240	480	31.8	158	511	688	-9999	-99.9	-99.9	-99.9
1352	-120.867	38.76	59	1240	482	32.3	158	511	731	-9999	-99.9	-99.9	-99.9
1353	-120.868	38.755	59	1240	484	32.9	158	458	763	-9999	-99.9	-99.9	-99.9
1354	-120.869	38.75	59	1240	486	33.4	158	458	791	1012	1.8	-2.5	3.1
1355	-120.87	38.745	59	1240	488	34	158	421	795	841	1	-1.4	1.8
1356	-120.871	38.74	59	1240	490	34.5	158	421	733	1005	2.1	-2.9	3.6
1357	-120.871	38.735	59	1240	492	35	158	454	694	855	1.3	-1.8	2.2
1358	-120.875	38.716	59	1240	500	37.2	158	479	718	-9999	-99.9	-99.9	-99.9
1359	-120.876	38.711	59	1240	502	37.8	158	479	489	-9999	-99.9	-99.9	-99.9
1360	-120.877	38.706	59	1240	504	38.3	158	475	663	-9999	-99.9	-99.9	-99.9
1361	-120.878	38.701	59	1240	506	38.9	158	475	571	1029	3.5	-4.9	6
1362	-120.879	38.696	59	1240	508	39.4	158	479	443	845	3	-4.1	5.1
1363	-120.88	38.686	60	1240	0	40.5	158	484	457	-9999	-99.9	-99.9	-99.9
1364	-120.881	38.682	60	1240	2	41	158	484	518	-9999	-99.9	-99.9	-99.9
1365	-120.882	38.677	60	1240	4	41.6	158	473	493	-9999	-99.9	-99.9	-99.9
1366	-120.885	38.662	60	1240	10	43.2	158	446	562	866	2.1	-2.9	3.6
1367	-120.886	38.657	60	1240	12	43.8	158	422	510	839	1.8	-2.5	3.1
1368	-120.887	38.652	60	1240	14	44.3	158	422	791	-9999	-99.9	-99.9	-99.9
1369	-120.887	38.647	60	1240	16	44.9	158	419	785	-9999	-99.9	-99.9	-99.9
1370	-120.888	38.642	60	1240	18	45.4	158	419	600	-9999	-99.9	-99.9	-99.9
1371	-120.889	38.637	60	1240	20	45.9	158	417	-9999	974	1.9	-2.7	3.3



1423	-120.846	38.843	59	1242	448	23	158	625	1058	1226	1.4	-1.9	2.4
1424	-120.847	38.838	59	1242	450	23.6	158	625	1140	1317	2.2	-3	3.7
1425	-120.847	38.833	59	1242	452	24.1	158	596	1162	1475	1.9	-3.5	4
1426	-120.848	38.828	59	1242	454	24.6	158	596	1071	1335	1.8	-2.4	3
1427	-120.849	38.823	59	1242	456	25.2	158	553	988	1219	1.8	-2.6	3.2
1428	-120.85	38.818	59	1242	458	25.7	158	553	861	1011	1.1	-1.5	1.8
1429	-120.851	38.813	59	1242	460	26.3	158	512	792	906	0.9	-1.3	1.6
1430	-120.852	38.808	59	1242	462	26.8	158	512	783	911	1.2	-1.7	2.1
1431	-120.853	38.803	59	1242	464	27.4	158	499	718	848	0.9	-1.3	1.6
1432	-120.854	38.799	59	1242	466	27.9	158	499	637	765	1.1	-1.5	1.9
1433	-120.855	38.794	59	1242	468	28.4	158	450	609	874	1.9	-2.7	3.3
1434	-120.855	38.789	59	1242	470	29	158	450	527	795	2.2	-3	3.7
1435	-120.856	38.784	59	1242	472	29.5	158	424	480	752	2	-2.8	3.4
1436	-120.857	38.779	59	1242	474	30.1	158	424	541	672	1.5	-2.1	2.6
1437	-120.858	38.774	59	1242	476	30.6	158	506	462	647	1.5	-2	2.5
1438	-120.859	38.769	59	1242	478	31.2	158	506	538	591	0.4	-0.6	0.7
1439	-120.86	38.764	59	1242	480	31.7	158	511	589	-9999	-99.9	-99.9	-99.9
1440	-120.861	38.759	59	1242	482	32.2	158	511	678	-9999	-99.9	-99.9	-99.9
1441	-120.862	38.754	59	1242	484	32.8	158	458	693	-9999	-99.9	-99.9	-99.9
1442	-120.863	38.75	59	1242	486	33.3	158	458	742	-9999	-99.9	-99.9	-99.9
1443	-120.863	38.745	59	1242	488	33.9	158	421	704	768	0.5	-0.7	0.9
1444	-120.864	38.74	59	1242	490	34.4	158	421	744	897	1	-1.4	1.8
1445	-120.869	38.715	59	1242	500	37.1	158	479	832	-9999	-99.9	-99.9	-99.9
1446	-120.87	38.71	59	1242	502	37.7	158	479	711	603	0.5	-0.7	0.8
1447	-120.871	38.705	59	1242	504	38.2	158	475	691	823	1.7	-2.4	3
1448	-120.871	38.7	59	1242	506	38.8	158	475	584	621	1.1	-1.5	1.8
1449	-120.875	38.681	60	1242	2	41	158	484	521	-9999	-99.9	-99.9	-99.9
1450	-120.876	38.676	60	1242	4	41.5	158	473	472	-9999	-99.9	-99.9	-99.9
1451	-120.878	38.666	60	1242	8	42.6	158	446	502	-9999	-99.9	-99.9	-99.9
1452	-120.879	38.661	60	1242	10	43.2	158	446	545	872	2.3	-3.2	4
1453	-120.879	38.656	60	1242	12	43.7	158	422	565	-9999	-99.9	-99.9	-99.9
1454	-120.881	38.647	60	1242	16	44.8	158	419	753	959	1.7	-2.4	3
1455	-120.882	38.642	60	1242	18	45.3	158	419	821	1053	2	-2.7	3.3
1456	-120.883	38.637	60	1242	20	45.9	158	417	868	1135	2.2	-3.1	3.8
1457	-120.884	38.632	60	1242	22	46.4	158	417	878	1162	2.4	-3.4	4.2
1458	-120.887	38.612	60	1242	30	48.6	158	362	804	887	0.7	-0.9	1.2
1459	-120.888	38.607	60	1242	32	49.2	158	326	742	-9999	-99.9	-99.9	-99.9
1460	-120.889	38.602	60	1242	34	49.7	158	326	-9999	992	0.7	-1	1.2
1461	-120.89	38.597	60	1242	36	50.3	158	313	953	-9999	-99.9	-99.9	-99.9
1462	-120.891	38.593	60	1242	38	50.8	158	313	910	-9999	-99.9	-99.9	-99.9
1463	-120.894	38.573	60	1242	46	53	158	329	-87	-9999	-99.9	-99.9	-99.9
1464	-120.901	38.539	60	1242	60	56.8	158	216	611	-9999	-99.9	-99.9	-99.9
1465	-120.902	38.529	60	1242	64	57.9	158	200	651	863	2.3	-3.2	4
1466	-120.903	38.524	60	1242	66	58.5	158	200	372	691	1.1	-1.5	1.9
1467	-120.904	38.519	60	1242	68	59	158	208	494	625	1.1	-1.5	1.9
1468	-120.905	38.514	60	1242	70	59.6	158	208	334	356	0.4	-0.6	0.7
1469	-120.906	38.509	60	1242	72	60.1	158	237	307	604	1.1	-1.6	1.9
1470	-120.907	38.504	60	1242	74	60.7	158	237	294	607	2.5	-3.5	4.3
1471	-120.909	38.494	60	1242	78	61.8	158	248	383	-9999	-99.9	-99.9	-99.9
1472	-120.909	38.49	60	1242	80	62.3	158	243	411	-9999	-99.9	-99.9	-99.9
1473	-120.91	38.485	60	1242	82	62.9	158	243	385	-9999	-99.9	-99.9	-99.9





1525	-120.851	38.778	59	1244	474	30	158	414	566	578	0.1	-0.2	0.2
1526	-120.852	38.773	59	1244	476	30.5	158	457	539	-9999	-99.9	-99.9	-99.9
1527	-120.853	38.768	59	1244	478	31.1	158	457	492	518	0.2	-0.3	0.3
1528	-120.854	38.764	59	1244	480	31.6	158	520	556	-9999	-99.9	-99.9	-99.9
1529	-120.854	38.759	59	1244	482	32.2	158	520	576	-9999	-99.9	-99.9	-99.9
1530	-120.855	38.754	59	1244	484	32.7	158	487	635	-9999	-99.9	-99.9	-99.9
1531	-120.856	38.749	59	1244	486	33.3	158	487	757	-9999	-99.9	-99.9	-99.9
1532	-120.857	38.744	59	1244	488	33.8	158	460	730	773	0.4	-0.5	0.6
1533	-120.858	38.739	59	1244	490	34.3	158	460	726	813	0.7	-1	1.2
1534	-120.861	38.724	59	1244	496	36	158	485	869	1103	2	-2.7	3.4
1535	-120.862	38.714	59	1244	500	37.1	158	494	684	944	2	-2.8	3.4
1536	-120.863	38.71	59	1244	502	37.6	158	494	556	692	1.1	-1.5	1.8
1537	-120.864	38.705	59	1244	504	38.2	158	496	507	-9999	-99.9	-99.9	-99.9
1538	-120.865	38.7	59	1244	506	38.7	158	496	532	728	1.6	-2.2	2.7
1539	-120.867	38.69	59	1244	510	39.8	158	496	482	-9999	-99.9	-99.9	-99.9
1540	-120.875	38.646	60	1244	16	44.7	158	479	738	-9999	-99.9	-99.9	-99.9
1541	-120.876	38.641	60	1244	18	45.3	158	479	916	1122	1.7	-2.4	3
1542	-120.877	38.636	60	1244	20	45.8	158	438	1014	1180	1.3	-1.9	2.3
1543	-120.878	38.631	60	1244	22	46.4	158	438	1042	-9999	-99.9	-99.9	-99.9
1544	-120.879	38.621	60	1244	26	47.5	158	415	944	-9999	-99.9	-99.9	-99.9
1545	-120.88	38.616	60	1244	28	48	158	386	852	-9999	-99.9	-99.9	-99.9
1546	-120.881	38.611	60	1244	30	48.6	158	386	744	-9999	-99.9	-99.9	-99.9
1547	-120.882	38.607	60	1244	32	49.1	158	378	871	-9999	-99.9	-99.9	-99.9
1548	-120.883	38.602	60	1244	34	49.7	158	378	-9999	1045	0.7	-1	1.2
1549	-120.884	38.597	60	1244	36	50.2	158	366	1004	-9999	-99.9	-99.9	-99.9
1550	-120.896	38.528	60	1244	64	57.9	158	219	701	980	2.3	-3.1	3.9
1551	-120.897	38.523	60	1244	66	58.4	158	219	642	797	2	-2.8	3.5
1552	-120.898	38.518	60	1244	68	59	158	250	298	398	0.6	-0.9	1.1
1553	-120.899	38.513	60	1244	70	59.5	158	250	260	-9999	-99.9	-99.9	-99.9
1554	-120.9	38.508	60	1244	72	60.1	158	265	388	808	2.9	-4.1	5
1555	-120.901	38.504	60	1244	74	60.6	158	265	388	784	2.8	-3.9	4.8
1556	-120.901	38.499	60	1244	76	61.2	158	264	340	708	3.2	-4.4	5.4
1557	-120.902	38.494	60	1244	78	61.7	158	264	353	759	4.1	-5.7	7
1558	-120.903	38.489	60	1244	80	62.3	158	254	392	746	3.1	-4.3	5.4
1559	-120.904	38.484	60	1244	82	62.8	158	254	427	-9999	-99.9	-99.9	-99.9
1560	-120.905	38.479	60	1244	84	63.4	158	254	480	663	2	-2.7	3.3
1561	-120.906	38.474	60	1244	86	63.9	158	254	438	853	2.9	-4.8	5.6
1562	-120.907	38.469	60	1244	88	64.5	158	252	479	834	3.5	-4.9	6.1
1563	-120.908	38.464	60	1244	90	65	158	252	407	657	2.2	-3	3.7
1564	-120.91	38.45	60	1244	96	66.7	158	243	246	-9999	-99.9	-99.9	-99.9
1565	-120.912	38.44	60	1244	100	67.8	158	227	345	-9999	-99.9	-99.9	-99.9
1566	-120.913	38.435	60	1244	102	68.3	158	227	109	868	2.8	-3.9	4.8
1567	-120.916	38.415	60	1244	110	70.5	158	190	635	-9999	-99.9	-99.9	-99.9
1568	-120.92	38.396	60	1244	118	72.7	158	191	113	-9999	-99.9	-99.9	-99.9
1569	-120.802	39.013	59	1246	378	4.9	158	748	-9999	1095	1.2	-1.7	2.1
1570	-120.803	39.008	59	1246	380	5.3	158	513	1026	1261	1.8	-2.6	3.2
1571	-120.804	39.003	59	1246	382	5.7	158	513	833	1053	1.8	-2.5	3.1
1572	-120.804	38.998	59	1246	384	6.1	158	522	710	870	0.9	-1.2	1.5
1573	-120.805	38.993	59	1246	386	6.6	158	522	810	1399	2.8	-3.9	4.8
1574	-120.809	38.974	59	1246	394	8.5	158	790	747	-9999	-99.9	-99.9	-99.9
1575	-120.81	38.969	59	1246	396	9	158	670	1025	1149	1	-1.4	1.7

1576	-120.813	38.954	59	1246	402	10.5	158	717	933	-9999	-99.9	-99.9	-99.9
1577	-120.813	38.949	59	1246	404	11	158	786	-9999	1498	4.5	-6.2	7.6
1578	-120.814	38.944	59	1246	406	11.6	158	786	1063	-9999	-99.9	-99.9	-99.9
1579	-120.815	38.939	59	1246	408	12.1	158	789	1219	1384	1.3	-2.8	3.1
1580	-120.816	38.934	59	1246	410	12.6	158	789	1172	1418	2.1	-2.8	3.5
1581	-120.817	38.93	59	1246	412	13.1	158	823	1120	1396	2.3	-3.1	3.9
1582	-120.818	38.925	59	1246	414	13.7	158	823	1198	1429	2.3	-3.2	3.9
1583	-120.819	38.92	59	1246	416	14.2	158	850	1212	1548	2.8	-3.9	4.8
1584	-120.82	38.915	59	1246	418	14.7	158	850	1208	1341	1.4	-1.9	2.3
1585	-120.821	38.91	59	1246	420	15.3	158	836	1206	1559	2.9	-4.1	5
1586	-120.821	38.905	59	1246	422	15.8	158	836	1194	1496	2.5	-3.5	4.3
1587	-120.822	38.9	59	1246	424	16.3	158	790	1179	1464	2.5	-3.4	4.2
1588	-120.823	38.895	59	1246	426	16.9	158	790	1145	1404	2.1	-2.9	3.6
1589	-120.824	38.89	59	1246	428	17.4	158	754	1044	1235	1.6	-2.3	2.8
1590	-120.825	38.885	59	1246	430	18	158	754	1066	1210	1.2	-1.6	2
1591	-120.826	38.881	59	1246	432	18.5	158	733	989	1245	1.6	-3.4	3.8
1592	-120.827	38.876	59	1246	434	19	158	733	1081	1317	3	-4.2	5.1
1593	-120.828	38.871	59	1246	436	19.6	158	726	1090	1462	3.8	-5.2	6.5
1594	-120.829	38.866	59	1246	438	20.1	158	726	1123	1522	3.2	-4.4	5.4
1595	-120.83	38.861	59	1246	440	20.7	158	712	1092	1425	2.5	-3.5	4.3
1596	-120.83	38.856	59	1246	442	21.2	158	712	1057	1531	3.3	-4.6	5.6
1597	-120.831	38.851	59	1246	444	21.7	158	685	1091	1593	3.6	-5	6.2
1598	-120.832	38.846	59	1246	446	22.3	158	685	1135	1517	3.5	-4.9	6
1599	-120.833	38.841	59	1246	448	22.8	158	642	1254	1474	2.9	-4	4.9
1600	-120.834	38.836	59	1246	450	23.4	158	642	1143	1650	3.9	-5.3	6.6
1601	-120.835	38.831	59	1246	452	23.9	158	611	1176	1606	3.5	-4.8	6
1602	-120.836	38.827	59	1246	454	24.5	158	611	1245	1529	3.3	-4.5	5.6
1603	-120.837	38.822	59	1246	456	25	158	581	1015	1412	3.2	-4.4	5.5
1604	-120.838	38.817	59	1246	458	25.6	158	581	845	999	1.5	-2.1	2.6
1605	-120.838	38.812	59	1246	460	26.1	158	549	803	861	0.7	-0.9	1.1
1606	-120.839	38.807	59	1246	462	26.6	158	549	780	877	1	-1.4	1.7
1607	-120.84	38.802	59	1246	464	27.2	158	541	767	897	1.2	-1.7	2.1
1608	-120.841	38.797	59	1246	466	27.7	158	541	694	877	1.3	-1.8	2.3
1609	-120.842	38.792	59	1246	468	28.3	158	496	723	910	1.2	-1.7	2.1
1610	-120.843	38.787	59	1246	470	28.8	158	496	666	792	1.7	-2.3	2.9
1611	-120.844	38.782	59	1246	472	29.4	158	414	536	754	1.8	-2.5	3
1612	-120.845	38.778	59	1246	474	29.9	158	414	519	551	1.1	-1.5	1.9
1613	-120.846	38.773	59	1246	476	30.5	158	457	518	522	0	0	0
1614	-120.846	38.768	59	1246	478	31	158	457	550	523	0.2	-0.2	0.3
1615	-120.847	38.763	59	1246	480	31.6	158	520	540	-9999	-99.9	-99.9	-99.9
1616	-120.848	38.758	59	1246	482	32.1	158	520	525	-9999	-99.9	-99.9	-99.9
1617	-120.849	38.753	59	1246	484	32.6	158	487	486	-9999	-99.9	-99.9	-99.9
1618	-120.85	38.748	59	1246	486	33.2	158	487	660	1003	2.1	-3	3.6
1619	-120.851	38.743	59	1246	488	33.7	158	460	697	1018	2	-2.8	3.5
1620	-120.852	38.738	59	1246	490	34.3	158	460	724	-9999	-99.9	-99.9	-99.9
1621	-120.853	38.733	59	1246	492	34.8	158	472	835	964	1.1	-1.5	1.8
1622	-120.855	38.719	59	1246	498	36.5	158	485	740	-9999	-99.9	-99.9	-99.9
1623	-120.856	38.714	59	1246	500	37	158	494	858	1493	5.2	-7.3	9
1624	-120.858	38.704	59	1246	504	38.1	158	496	668	1140	3.8	-5.2	6.4
1625	-120.859	38.699	59	1246	506	38.7	158	496	545	847	2.3	-3.1	3.9
1626	-120.86	38.694	59	1246	508	39.2	158	496	529	539	0.1	-0.1	0.1

1627	-120.861	38.689	59	1246	510	39.8	158	496	509	649	1.1	-1.5	1.9
1628	-120.862	38.684	60	1246	0	40.3	158	492	523	617	0.7	-0.9	1.2
1629	-120.868	38.65	60	1246	14	44.1	158	500	1070	1296	1.9	-2.6	3.2
1630	-120.869	38.645	60	1246	16	44.7	158	479	778	1223	2.1	-3	3.7
1631	-120.87	38.64	60	1246	18	45.2	158	479	-9999	1217	1.1	-1.5	1.9
1632	-120.874	38.616	60	1246	28	48	158	386	562	-9999	-99.9	-99.9	-99.9
1633	-120.878	38.591	60	1246	38	50.7	158	366	912	-9999	-99.9	-99.9	-99.9
1634	-120.885	38.552	60	1246	54	55.1	158	298	264	-9999	-99.9	-99.9	-99.9
1635	-120.889	38.532	60	1246	62	57.3	158	218	497	885	1.6	-2.3	2.8
1636	-120.89	38.527	60	1246	64	57.9	158	219	653	802	1.2	-1.7	2.1
1637	-120.891	38.522	60	1246	66	58.4	158	219	390	645	0.4	-0.6	0.8
1638	-120.892	38.518	60	1246	68	59	158	250	364	454	0.7	-1	1.2
1639	-120.893	38.513	60	1246	70	59.5	158	250	308	-9999	-99.9	-99.9	-99.9
1640	-120.893	38.508	60	1246	72	60.1	158	265	614	945	2.6	-3.7	4.5
1641	-120.894	38.503	60	1246	74	60.6	158	265	562	928	3	-4.1	5.1
1642	-120.895	38.498	60	1246	76	61.2	158	264	441	731	2.7	-3.8	4.6
1643	-120.896	38.493	60	1246	78	61.7	158	264	454	797	3.4	-4.7	5.8
1644	-120.897	38.488	60	1246	80	62.3	158	254	516	653	3	-4.1	5.1
1645	-120.898	38.483	60	1246	82	62.8	158	254	506	-9999	-99.9	-99.9	-99.9
1646	-120.899	38.478	60	1246	84	63.4	158	254	513	563	0.3	-0.4	0.4
1647	-120.9	38.473	60	1246	86	63.9	158	254	563	750	1.5	-2.9	3.2
1648	-120.901	38.469	60	1246	88	64.4	158	252	571	667	0.8	-1.1	1.4
1649	-120.901	38.464	60	1246	90	65	158	252	556	-9999	-99.9	-99.9	-99.9
1650	-120.904	38.449	60	1246	96	66.6	158	243	144	-9999	-99.9	-99.9	-99.9
1651	-120.905	38.444	60	1246	98	67.2	158	243	-1618	-9999	-99.9	-99.9	-99.9
1652	-120.906	38.439	60	1246	100	67.7	158	227	880	-9999	-99.9	-99.9	-99.9
1653	-120.908	38.424	60	1246	106	69.4	158	198	-9999	440	1.8	-2.5	3.1
1654	-120.913	38.4	60	1246	116	72.1	158	191	4265	-9999	-99.9	-99.9	-99.9
1655	-120.914	38.395	60	1246	118	72.7	158	191	4810	-9999	-99.9	-99.9	-99.9
1656	-120.917	38.375	60	1246	126	74.9	158	185	39	-9999	-99.9	-99.9	-99.9
1657	-120.795	39.017	59	1248	376	4.1	158	574	1110	-9999	-99.9	-99.9	-99.9
1658	-120.796	39.012	59	1248	378	4.5	158	574	989	938	0.1	-0.1	0.1
1659	-120.796	39.007	59	1248	380	4.9	158	447	1207	-9999	-99.9	-99.9	-99.9
1660	-120.797	39.002	59	1248	382	5.3	158	447	858	1116	2.1	-2.9	3.6
1661	-120.798	38.998	59	1248	384	5.8	158	605	891	1088	1.9	-2.6	3.3
1662	-120.799	38.993	59	1248	386	6.3	158	605	814	1061	1.5	-2.1	2.6
1663	-120.8	38.988	59	1248	388	6.8	158	844	745	-9999	-99.9	-99.9	-99.9
1664	-120.801	38.983	59	1248	390	7.3	158	844	870	1219	1.7	-2.4	3
1665	-120.802	38.978	59	1248	392	7.8	158	896	852	1150	2.3	-3.2	4
1666	-120.803	38.973	59	1248	394	8.3	158	896	1310	1076	2.1	-3	3.7
1667	-120.804	38.968	59	1248	396	8.8	158	740	1067	1147	2	-2.7	3.4
1668	-120.806	38.953	59	1248	402	10.4	158	792	975	1152	2.3	-3.2	3.9
1669	-120.807	38.949	59	1248	404	10.9	158	823	908	1205	2.4	-3.3	4.1
1670	-120.808	38.944	59	1248	406	11.4	158	823	1175	1360	1.8	-2.4	3
1671	-120.809	38.939	59	1248	408	11.9	158	830	1203	1324	1.2	-1.7	2.1
1672	-120.81	38.934	59	1248	410	12.5	158	830	1265	1367	1.8	-2.5	3
1673	-120.811	38.929	59	1248	412	13	158	855	1121	1544	2.8	-3.8	4.7
1674	-120.812	38.924	59	1248	414	13.5	158	855	1216	1624	3.3	-4.6	5.7
1675	-120.813	38.919	59	1248	416	14.1	158	872	1187	1597	3.2	-4.5	5.5
1676	-120.813	38.914	59	1248	418	14.6	158	872	1230	1567	2.8	-3.9	4.8
1677	-120.814	38.909	59	1248	420	15.2	158	855	1194	1557	3	-4.2	5.2

1678	-120.815	38.904	59	1248	422	15.7	158	855	1186	1481	2.5	-3.4	4.2
1679	-120.816	38.899	59	1248	424	16.2	158	809	1118	-9999	-99.9	-99.9	-99.9
1680	-120.817	38.895	59	1248	426	16.8	158	809	1088	1385	2.6	-3.6	4.4
1681	-120.818	38.89	59	1248	428	17.3	158	780	1123	1382	2.8	-3.8	4.7
1682	-120.819	38.885	59	1248	430	17.9	158	780	1048	1196	1.2	-1.7	2.1
1683	-120.82	38.88	59	1248	432	18.4	158	754	1100	1167	0.9	-1.2	1.5
1684	-120.821	38.875	59	1248	434	18.9	158	754	1049	1256	2.2	-3	3.7
1685	-120.821	38.87	59	1248	436	19.5	158	722	1165	1482	2	-2.7	3.4
1686	-120.822	38.865	59	1248	438	20	158	722	1140	1467	2.8	-3.9	4.8
1687	-120.823	38.86	59	1248	440	20.6	158	697	1067	1489	2.8	-3.9	4.8
1688	-120.824	38.855	59	1248	442	21.1	158	697	1070	1393	3	-4.2	5.2
1689	-120.825	38.85	59	1248	444	21.7	158	700	1167	1598	3.3	-4.6	5.6
1690	-120.826	38.846	59	1248	446	22.2	158	700	1133	1585	3.8	-5.2	6.4
1691	-120.827	38.841	59	1248	448	22.8	158	704	1173	1686	3.6	-5	6.2
1692	-120.828	38.836	59	1248	450	23.3	158	704	1163	1604	3.5	-4.8	5.9
1693	-120.829	38.831	59	1248	452	23.8	158	657	1199	1755	4	-5.6	6.9
1694	-120.829	38.826	59	1248	454	24.4	158	657	1038	1416	3.3	-4.6	5.6
1695	-120.83	38.821	59	1248	456	24.9	158	614	957	1299	3.3	-4.6	5.7
1696	-120.831	38.816	59	1248	458	25.5	158	614	809	940	1.5	-2.1	2.5
1697	-120.832	38.811	59	1248	460	26	158	592	815	867	0.7	-1	1.2
1698	-120.833	38.806	59	1248	462	26.6	158	592	761	932	1.4	-2	2.4
1699	-120.834	38.801	59	1248	464	27.1	158	581	812	950	1.5	-2.1	2.6
1700	-120.835	38.796	59	1248	466	27.7	158	581	784	940	1.3	-1.8	2.2
1701	-120.836	38.792	59	1248	468	28.2	158	550	749	909	1.3	-1.8	2.2
1702	-120.837	38.787	59	1248	470	28.8	158	550	579	828	1.3	-1.9	2.3
1703	-120.838	38.782	59	1248	472	29.3	158	452	569	776	1.7	-2.3	2.9
1704	-120.838	38.777	59	1248	474	29.9	158	452	537	592	1.1	-1.6	1.9
1705	-120.839	38.772	59	1248	476	30.4	158	456	496	514	0.6	-0.8	1
1706	-120.84	38.767	59	1248	478	30.9	158	456	409	489	0.6	-0.9	1.1
1707	-120.841	38.762	59	1248	480	31.5	158	526	529	-9999	-99.9	-99.9	-99.9
1708	-120.842	38.757	59	1248	482	32	158	526	536	562	0.2	-0.3	0.4
1709	-120.843	38.752	59	1248	484	32.6	158	532	623	664	0.3	-0.5	0.6
1710	-120.844	38.747	59	1248	486	33.1	158	532	659	689	2	-1.2	2.3
1711	-120.845	38.743	59	1248	488	33.7	158	519	785	980	2	-2.8	3.4
1712	-120.846	38.738	59	1248	490	34.2	158	519	713	1053	2.6	-3.6	4.5
1713	-120.846	38.733	59	1248	492	34.8	158	501	848	1157	2.5	-3.5	4.3
1714	-120.849	38.718	59	1248	498	36.4	158	499	732	734	0.5	-0.6	0.8
1715	-120.85	38.713	59	1248	500	37	158	517	685	869	1.5	-2.1	2.6
1716	-120.851	38.708	59	1248	502	37.5	158	517	648	954	1.9	-2.6	3.2
1717	-120.852	38.703	59	1248	504	38.1	158	526	699	-9999	-99.9	-99.9	-99.9
1718	-120.853	38.698	59	1248	506	38.6	158	526	570	-9999	-99.9	-99.9	-99.9
1719	-120.854	38.693	59	1248	508	39.2	158	516	557	949	3	-4.2	5.2
1720	-120.854	38.689	59	1248	510	39.7	158	516	522	916	2.9	-4	4.9
1721	-120.855	38.684	60	1248	0	40.3	158	510	523	-9999	-99.9	-99.9	-99.9
1722	-120.862	38.649	60	1248	14	44.1	158	549	-9999	1169	1.9	-2.6	3.3
1723	-120.862	38.644	60	1248	16	44.7	158	545	865	-9999	-99.9	-99.9	-99.9
1724	-120.863	38.64	60	1248	18	45.2	158	545	990	1230	2	-2.8	3.5
1725	-120.864	38.635	60	1248	20	45.8	158	520	-9999	1370	1.6	-2.2	2.7
1726	-120.865	38.63	60	1248	22	46.3	158	520	1053	1422	2	-2.8	3.4
1727	-120.866	38.625	60	1248	24	46.8	158	482	1202	-9999	-99.9	-99.9	-99.9
1728	-120.868	38.615	60	1248	28	47.9	158	454	845	-9999	-99.9	-99.9	-99.9

1729	-120.869	38.61	60	1248	30	48.5	158	454	606	784	1.5	-0.5	1.6
1730	-120.87	38.605	60	1248	32	49	158	449	688	-9999	-99.9	-99.9	-99.9
1731	-120.871	38.595	60	1248	36	50.1	158	433	-9999	992	0.1	-0.2	0.3
1732	-120.874	38.581	60	1248	42	51.8	158	398	753	-9999	-99.9	-99.9	-99.9
1733	-120.878	38.556	60	1248	52	54.5	158	284	440	-9999	-99.9	-99.9	-99.9
1734	-120.879	38.551	60	1248	54	55.1	158	284	371	-9999	-99.9	-99.9	-99.9
1735	-120.88	38.546	60	1248	56	55.6	158	229	300	-9999	-99.9	-99.9	-99.9
1736	-120.881	38.541	60	1248	58	56.2	158	229	650	1202	3.9	-5.4	6.7
1737	-120.882	38.536	60	1248	60	56.7	158	234	404	-9999	-99.9	-99.9	-99.9
1738	-120.883	38.532	60	1248	62	57.3	158	234	459	-9999	-99.9	-99.9	-99.9
1739	-120.885	38.522	60	1248	66	58.4	158	262	523	-9999	-99.9	-99.9	-99.9
1740	-120.885	38.517	60	1248	68	58.9	158	290	466	-9999	-99.9	-99.9	-99.9
1741	-120.891	38.487	60	1248	80	62.2	158	266	545	807	2.5	-3.5	4.3
1742	-120.892	38.483	60	1248	82	62.8	158	266	559	773	2.3	-3.2	3.9
1743	-120.893	38.478	60	1248	84	63.3	158	271	619	-9999	-99.9	-99.9	-99.9
1744	-120.893	38.473	60	1248	86	63.9	158	271	559	-9999	-99.9	-99.9	-99.9
1745	-120.894	38.468	60	1248	88	64.4	158	264	589	-9999	-99.9	-99.9	-99.9
1746	-120.898	38.448	60	1248	96	66.6	158	249	173	928	2.3	-3.2	3.9
1747	-120.899	38.443	60	1248	98	67.2	158	249	-9999	821	2.4	-3.3	4.1
1748	-120.9	38.438	60	1248	100	67.7	158	229	804	1043	1.8	-2.6	3.2
1749	-120.906	38.404	60	1248	114	71.6	158	200	-9999	1800	22.4	-31.1	38.4
1750	-120.907	38.399	60	1248	116	72.1	158	207	4491	-9999	-99.9	-99.9	-99.9
1751	-120.909	38.384	60	1248	122	73.8	158	201	4834	-9999	-99.9	-99.9	-99.9
1752	-120.911	38.375	60	1248	126	74.9	158	193	5751	-9999	-99.9	-99.9	-99.9
1753	-120.787	39.021	59	1250	374	3.3	158	725	1015	-9999	-99.9	-99.9	-99.9
1754	-120.788	39.016	59	1250	376	3.7	158	574	979	1650	4	-5.5	6.8
1755	-120.789	39.012	59	1250	378	4.1	158	574	975	1494	2.8	-3.9	4.8
1756	-120.79	39.007	59	1250	380	4.6	158	447	1080	1292	2.4	-3.3	4
1757	-120.791	39.002	59	1250	382	5	158	447	983	1210	2.7	-3.8	4.7
1758	-120.792	38.997	59	1250	384	5.5	158	605	871	1055	2	-2.7	3.4
1759	-120.793	38.992	59	1250	386	6	158	605	872	1047	1.7	-2.3	2.8
1760	-120.794	38.987	59	1250	388	6.5	158	844	795	1467	2.3	-3.2	4
1761	-120.795	38.982	59	1250	390	7	158	844	1134	1291	2.1	-2.9	3.5
1762	-120.796	38.977	59	1250	392	7.6	158	896	1163	1651	3.5	-4.8	6
1763	-120.796	38.972	59	1250	394	8.1	158	896	1244	1499	2.5	-3.4	4.2
1764	-120.797	38.967	59	1250	396	8.6	158	740	1118	1368	3	-4.1	5.1
1765	-120.798	38.963	59	1250	398	9.1	158	740	806	1269	2.6	-3.6	4.4
1766	-120.799	38.958	59	1250	400	9.7	158	792	1019	1449	3.8	-5.2	6.4
1767	-120.8	38.953	59	1250	402	10.2	158	792	1054	1454	3.6	-5	6.2
1768	-120.801	38.948	59	1250	404	10.7	158	823	1127	1420	2.3	-3.3	4
1769	-120.802	38.943	59	1250	406	11.3	158	823	1189	1357	1	-1.4	1.8
1770	-120.803	38.938	59	1250	408	11.8	158	830	1190	1480	2.1	-2.9	3.6
1771	-120.804	38.933	59	1250	410	12.4	158	830	1279	1432	1.9	-2.7	3.3
1772	-120.804	38.928	59	1250	412	12.9	158	855	1288	1549	2.8	-3.8	4.7
1773	-120.805	38.923	59	1250	414	13.4	158	855	1309	1660	3.4	-4.7	5.7
1774	-120.806	38.918	59	1250	416	14	158	872	1211	1660	3.3	-4.6	5.7
1775	-120.807	38.913	59	1250	418	14.5	158	872	1250	1630	3	-4.2	5.1
1776	-120.808	38.909	59	1250	420	15.1	158	855	1194	1533	2.7	-3.7	4.5
1777	-120.809	38.904	59	1250	422	15.6	158	855	1222	1440	1.7	-2.4	2.9
1778	-120.81	38.899	59	1250	424	16.1	158	809	1113	-9999	-99.9	-99.9	-99.9
1779	-120.811	38.894	59	1250	426	16.7	158	809	1218	1481	2.1	-3	3.7

1780	-120.812	38.889	59	1250	428	17.2	158	780	1168	1238	0.6	-0.8	1
1781	-120.813	38.884	59	1250	430	17.8	158	780	1040	1227	1.5	-2.1	2.6
1782	-120.813	38.879	59	1250	432	18.3	158	754	1139	1319	1.4	-2	2.5
1783	-120.814	38.874	59	1250	434	18.9	158	754	973	1295	2.6	-3.6	4.4
1784	-120.815	38.869	59	1250	436	19.4	158	722	1123	1399	1.9	-2.7	3.3
1785	-120.816	38.864	59	1250	438	20	158	722	1198	1512	2.4	-3.3	4.1
1786	-120.817	38.86	59	1250	440	20.5	158	697	1186	1515	2.4	-3.3	4.1
1787	-120.818	38.855	59	1250	442	21	158	697	1191	1535	2.8	-3.9	4.8
1788	-120.819	38.85	59	1250	444	21.6	158	700	1192	1516	3.1	-4.2	5.2
1789	-120.82	38.845	59	1250	446	22.1	158	700	1215	1588	2.8	-3.9	4.8
1790	-120.821	38.84	59	1250	448	22.7	158	704	1234	1583	3.2	-4.4	5.5
1791	-120.821	38.835	59	1250	450	23.2	158	704	1229	1638	3.2	-4.4	5.4
1792	-120.822	38.83	59	1250	452	23.8	158	657	1270	1717	3.8	-5.3	6.5
1793	-120.823	38.825	59	1250	454	24.3	158	657	1082	1489	3.5	-4.8	6
1794	-120.824	38.82	59	1250	456	24.9	158	614	980	1369	3.4	-4.7	5.8
1795	-120.825	38.815	59	1250	458	25.4	158	614	753	798	0.7	-0.9	1.1
1796	-120.826	38.81	59	1250	460	26	158	592	791	925	1.1	-1.5	1.9
1797	-120.827	38.806	59	1250	462	26.5	158	592	830	989	1.4	-2	2.4
1798	-120.828	38.801	59	1250	464	27.1	158	581	835	979	1.6	-2.2	2.7
1799	-120.829	38.796	59	1250	466	27.6	158	581	840	983	1.2	-1.6	2
1800	-120.829	38.791	59	1250	468	28.2	158	550	814	984	1.4	-1.9	2.4
1801	-120.83	38.786	59	1250	470	28.7	158	550	762	947	2.5	-3.4	4.2
1802	-120.831	38.781	59	1250	472	29.3	158	452	637	858	1.8	-2.5	3
1803	-120.832	38.776	59	1250	474	29.8	158	452	587	771	2.1	-2.9	3.5
1804	-120.833	38.771	59	1250	476	30.4	158	456	503	590	0.4	-0.6	0.7
1805	-120.836	38.757	59	1250	482	32	158	526	644	-9999	-99.9	-99.9	-99.9
1806	-120.837	38.752	59	1250	484	32.5	158	532	716	-9999	-99.9	-99.9	-99.9
1807	-120.837	38.747	59	1250	486	33.1	158	532	812	-9999	-99.9	-99.9	-99.9
1808	-120.838	38.742	59	1250	488	33.6	158	519	796	1269	3.8	-5.3	6.6
1809	-120.839	38.737	59	1250	490	34.2	158	519	756	1057	2.7	-3.8	4.7
1810	-120.84	38.732	59	1250	492	34.7	158	501	710	1194	3.3	-4.6	5.6
1811	-120.841	38.727	59	1250	494	35.3	158	501	789	-9999	-99.9	-99.9	-99.9
1812	-120.844	38.712	59	1250	500	36.9	158	517	708	825	1	-1.4	1.7
1813	-120.845	38.707	59	1250	502	37.5	158	517	665	799	0.6	-0.8	1
1814	-120.846	38.698	59	1250	506	38.6	158	526	658	-9999	-99.9	-99.9	-99.9
1815	-120.856	38.644	60	1250	16	44.6	158	545	1082	-9999	-99.9	-99.9	-99.9
1816	-120.857	38.639	60	1250	18	45.2	158	545	-9999	1308	2.6	-3.6	4.4
1817	-120.858	38.634	60	1250	20	45.7	158	520	1087	1333	0.9	-1.2	1.5
1818	-120.859	38.629	60	1250	22	46.3	158	520	1035	1311	1	-1.4	1.7
1819	-120.86	38.624	60	1250	24	46.8	158	482	500	1216	1.3	-1.8	2.3
1820	-120.861	38.619	60	1250	26	47.4	158	482	1097	-9999	-99.9	-99.9	-99.9
1821	-120.861	38.614	60	1250	28	47.9	158	454	995	-9999	-99.9	-99.9	-99.9
1822	-120.862	38.609	60	1250	30	48.5	158	454	581	-9999	-99.9	-99.9	-99.9
1823	-120.863	38.604	60	1250	32	49	158	449	703	723	0.9	-1.3	1.6
1824	-120.864	38.6	60	1250	34	49.6	158	449	586	-9999	-99.9	-99.9	-99.9
1825	-120.865	38.595	60	1250	36	50.1	158	433	578	645	0.3	-0.5	0.6
1826	-120.866	38.59	60	1250	38	50.7	158	433	639	665	0.4	-0.6	0.7
1827	-120.867	38.585	60	1250	40	51.2	158	398	644	-9999	-99.9	-99.9	-99.9
1828	-120.868	38.58	60	1250	42	51.8	158	398	378	-9999	-99.9	-99.9	-99.9
1829	-120.869	38.575	60	1250	44	52.3	158	387	790	-9999	-99.9	-99.9	-99.9
1830	-120.869	38.57	60	1250	46	52.9	158	387	791	-9999	-99.9	-99.9	-99.9

1831	-120.872	38.555	60	1250	52	54.5	158	284	-9999	1336	2.4	-3.3	4.1
1832	-120.874	38.546	60	1250	56	55.6	158	229	148	-9999	-99.9	-99.9	-99.9
1833	-120.875	38.541	60	1250	58	56.2	158	229	270	1000	1.7	-2.4	2.9
1834	-120.876	38.536	60	1250	60	56.7	158	234	257	-9999	-99.9	-99.9	-99.9
1835	-120.877	38.531	60	1250	62	57.3	158	234	291	-9999	-99.9	-99.9	-99.9
1836	-120.881	38.506	60	1250	72	60	158	299	404	-9999	-99.9	-99.9	-99.9
1837	-120.882	38.501	60	1250	74	60.6	158	299	549	-9999	-99.9	-99.9	-99.9
1838	-120.883	38.497	60	1250	76	61.1	158	280	474	492	0.1	-0.2	0.2
1839	-120.884	38.492	60	1250	78	61.7	158	280	1111	-9999	-99.9	-99.9	-99.9
1840	-120.884	38.487	60	1250	80	62.2	158	266	671	-9999	-99.9	-99.9	-99.9
1841	-120.887	38.472	60	1250	86	63.8	158	271	617	-9999	-99.9	-99.9	-99.9
1842	-120.888	38.467	60	1250	88	64.4	158	264	609	-9999	-99.9	-99.9	-99.9
1843	-120.889	38.462	60	1250	90	64.9	158	264	950	-9999	-99.9	-99.9	-99.9
1844	-120.891	38.452	60	1250	94	66	158	250	759	950	1.6	-2.2	2.7
1845	-120.893	38.438	60	1250	100	67.7	158	229	793	973	1.5	-2.1	2.6
1846	-120.899	38.403	60	1250	114	71.5	158	200	665	1458	20.2	-28.1	34.6
1847	-120.9	38.398	60	1250	116	72.1	158	207	4723	-9999	-99.9	-99.9	-99.9
1848	-120.901	38.394	60	1250	118	72.6	158	207	274	-9999	-99.9	-99.9	-99.9
1849	-120.902	38.389	60	1250	120	73.2	158	201	5050	-9999	-99.9	-99.9	-99.9
1850	-120.908	38.354	60	1250	134	77	158	141	188	195	0.1	-0.1	0.1
1851	-120.78	39.026	59	1252	372	2.5	158	720	-9999	-9999	-99.9	-99.9	-99.9
1852	-120.781	39.021	59	1252	374	2.9	158	720	-9999	-9999	-99.9	-99.9	-99.9
1853	-120.782	39.016	59	1252	376	3.4	158	491	1272	1982	5.7	-7.9	9.8
1854	-120.783	39.011	59	1252	378	3.8	158	491	1367	2018	5.2	-7.2	8.9
1855	-120.784	39.006	59	1252	380	4.3	158	507	1286	1752	3.8	-5.3	6.5
1856	-120.785	39.001	59	1252	382	4.8	158	507	1005	1494	3.8	-5.3	6.6
1857	-120.786	38.996	59	1252	384	5.3	158	780	1387	1354	3.6	-4.9	6.1
1858	-120.787	38.991	59	1252	386	5.8	158	780	824	1233	3.3	-4.5	5.6
1859	-120.787	38.986	59	1252	388	6.3	158	915	766	1137	3	-4.1	5.1
1860	-120.788	38.981	59	1252	390	6.9	158	915	1158	1333	2.2	-3	3.8
1861	-120.789	38.977	59	1252	392	7.4	158	898	1005	1374	2.5	-3.5	4.3
1862	-120.79	38.972	59	1252	394	7.9	158	898	1042	1437	1.7	-2.3	2.9
1863	-120.791	38.967	59	1252	396	8.5	158	793	1138	1373	1.9	-2.6	3.2
1864	-120.792	38.962	59	1252	398	9	158	793	797	-9999	-99.9	-99.9	-99.9
1865	-120.794	38.952	59	1252	402	10.1	158	848	930	1113	1.5	-2	2.5
1866	-120.795	38.947	59	1252	404	10.6	158	863	1074	1441	2.3	-3.2	4
1867	-120.795	38.942	59	1252	406	11.2	158	863	1146	1441	2.4	-3.3	4.1
1868	-120.796	38.937	59	1252	408	11.7	158	864	1216	1565	2.6	-3.6	4.4
1869	-120.797	38.932	59	1252	410	12.3	158	864	1188	1597	2.9	-4.1	5
1870	-120.798	38.927	59	1252	412	12.8	158	881	1271	1673	3.2	-4.5	5.5
1871	-120.799	38.923	59	1252	414	13.3	158	881	1203	1691	3.3	-4.5	5.6
1872	-120.8	38.918	59	1252	416	13.9	158	868	1238	1688	3.3	-4.6	5.7
1873	-120.801	38.913	59	1252	418	14.4	158	868	1237	1599	3	-4.1	5.1
1874	-120.802	38.908	59	1252	420	15	158	849	1201	1585	3.2	-4.4	5.4
1875	-120.803	38.903	59	1252	422	15.5	158	849	1203	1585	3.2	-4.4	5.4
1876	-120.804	38.898	59	1252	424	16.1	158	824	1216	1526	3	-4.1	5.1
1877	-120.804	38.893	59	1252	426	16.6	158	824	1039	1543	2.8	-3.9	4.8
1878	-120.805	38.888	59	1252	428	17.2	158	813	1087	1416	2.7	-3.8	4.7
1879	-120.806	38.883	59	1252	430	17.7	158	813	1176	1245	0.6	-0.9	1.1
1880	-120.807	38.878	59	1252	432	18.3	158	798	1217	-9999	-99.9	-99.9	-99.9
1881	-120.808	38.874	59	1252	434	18.8	158	798	1059	1363	2.5	-3.4	4.2

1882	-120.809	38.869	59	1252	436	19.3	158	751	1078	1384	2	-2.8	3.5
1883	-120.81	38.864	59	1252	438	19.9	158	751	1128	1416	2.1	-2.9	3.6
1884	-120.811	38.859	59	1252	440	20.4	158	710	1162	1475	2.2	-3.1	3.8
1885	-120.812	38.854	59	1252	442	21	158	710	1205	1554	2.8	-3.9	4.9
1886	-120.812	38.849	59	1252	444	21.5	158	681	1248	1617	3.4	-4.8	5.9
1887	-120.813	38.844	59	1252	446	22.1	158	681	1199	1633	4.1	-5.7	7
1888	-120.814	38.839	59	1252	448	22.6	158	695	1201	1608	3.3	-4.6	5.7
1889	-120.815	38.834	59	1252	450	23.2	158	695	1260	1739	3.9	-5.5	6.7
1890	-120.816	38.829	59	1252	452	23.7	158	711	1255	1669	3.3	-4.6	5.7
1891	-120.817	38.824	59	1252	454	24.3	158	711	1135	1728	4.7	-6.5	8
1892	-120.818	38.82	59	1252	456	24.8	158	690	1024	1613	4.8	-6.7	8.3
1893	-120.819	38.815	59	1252	458	25.4	158	690	850	1182	2.6	-3.7	4.5
1894	-120.82	38.81	59	1252	460	25.9	158	659	809	851	0.4	-0.5	0.6
1895	-120.821	38.805	59	1252	462	26.5	158	659	870	949	0.7	-1	1.2
1896	-120.821	38.8	59	1252	464	27	158	637	841	962	1	-1.4	1.7
1897	-120.822	38.795	59	1252	466	27.6	158	637	858	975	1	-1.3	1.7
1898	-120.823	38.79	59	1252	468	28.1	158	589	688	899	1.3	-1.9	2.3
1899	-120.824	38.785	59	1252	470	28.7	158	589	749	912	1.7	-2.4	3
1900	-120.825	38.78	59	1252	472	29.2	158	452	657	909	2	-2.8	3.5
1901	-120.826	38.775	59	1252	474	29.8	158	452	627	786	2.1	-2.9	3.6
1902	-120.827	38.771	59	1252	476	30.3	158	419	484	738	1.7	-2.3	2.8
1903	-120.828	38.766	59	1252	478	30.9	158	419	469	-9999	-99.9	-99.9	-99.9
1904	-120.829	38.761	59	1252	480	31.4	158	495	503	-9999	-99.9	-99.9	-99.9
1905	-120.829	38.756	59	1252	482	32	158	495	380	-9999	-99.9	-99.9	-99.9
1906	-120.831	38.746	59	1252	486	33.1	158	551	782	1180	3.3	-4.5	5.6
1907	-120.832	38.741	59	1252	488	33.6	158	552	801	1282	3.8	-5.3	6.6
1908	-120.833	38.736	59	1252	490	34.2	158	552	734	984	1.9	-2.6	3.2
1909	-120.834	38.731	59	1252	492	34.7	158	550	720	-9999	-99.9	-99.9	-99.9
1910	-120.835	38.726	59	1252	494	35.3	158	550	757	-9999	-99.9	-99.9	-99.9
1911	-120.836	38.721	59	1252	496	35.8	158	525	618	-9999	-99.9	-99.9	-99.9
1912	-120.837	38.717	59	1252	498	36.4	158	525	719	-9999	-99.9	-99.9	-99.9
1913	-120.849	38.648	60	1252	14	44	158	541	2232	-9999	-99.9	-99.9	-99.9
1914	-120.852	38.633	60	1252	20	45.7	158	485	1063	1455	1.8	-2.5	3.1
1915	-120.853	38.628	60	1252	22	46.2	158	485	965	1364	2	-2.8	3.5
1916	-120.853	38.623	60	1252	24	46.8	158	455	706	1011	1.4	-2	2.4
1917	-120.854	38.619	60	1252	26	47.3	158	455	845	1225	2.1	-3	3.6
1918	-120.855	38.614	60	1252	28	47.9	158	414	913	-9999	-99.9	-99.9	-99.9
1919	-120.856	38.609	60	1252	30	48.4	158	414	538	-9999	-99.9	-99.9	-99.9
1920	-120.857	38.604	60	1252	32	49	158	397	703	977	2.2	-1.5	2.7
1921	-120.858	38.599	60	1252	34	49.5	158	397	637	581	0.4	-0.5	0.7
1922	-120.859	38.594	60	1252	36	50.1	158	413	683	733	0.6	-0.9	1.1
1923	-120.86	38.589	60	1252	38	50.6	158	413	707	731	0.5	-0.7	0.9
1924	-120.861	38.584	60	1252	40	51.2	158	421	646	670	0.1	-0.2	0.2
1925	-120.861	38.579	60	1252	42	51.7	158	421	489	-9999	-99.9	-99.9	-99.9
1926	-120.862	38.574	60	1252	44	52.3	158	421	812	-9999	-99.9	-99.9	-99.9
1927	-120.863	38.569	60	1252	46	52.8	158	421	919	-9999	-99.9	-99.9	-99.9
1928	-120.866	38.555	60	1252	52	54.5	158	366	1010	-9999	-99.9	-99.9	-99.9
1929	-120.868	38.545	60	1252	56	55.6	158	308	236	-9999	-99.9	-99.9	-99.9
1930	-120.869	38.54	60	1252	58	56.1	158	308	474	-9999	-99.9	-99.9	-99.9
1931	-120.869	38.535	60	1252	60	56.7	158	365	300	-9999	-99.9	-99.9	-99.9
1932	-120.87	38.53	60	1252	62	57.2	158	365	389	-9999	-99.9	-99.9	-99.9



1933	-120.871	38.525	60	1252	64	57.8	158	408	680	-9999	-99.9	-99.9	-99.9
1934	-120.872	38.52	60	1252	66	58.3	158	408	539	-9999	-99.9	-99.9	-99.9
1935	-120.873	38.515	60	1252	68	58.9	158	390	584	-9999	-99.9	-99.9	-99.9
1936	-120.875	38.506	60	1252	72	60	158	362	701	-9999	-99.9	-99.9	-99.9
1937	-120.876	38.501	60	1252	74	60.5	158	362	496	717	0.9	-1.2	1.5
1938	-120.876	38.496	60	1252	76	61.1	158	321	342	405	0.4	-0.5	0.7
1939	-120.879	38.481	60	1252	82	62.7	158	301	676	-9999	-99.9	-99.9	-99.9
1940	-120.88	38.476	60	1252	84	63.3	158	299	835	-9999	-99.9	-99.9	-99.9
1941	-120.881	38.471	60	1252	86	63.8	158	299	625	-9999	-99.9	-99.9	-99.9
1942	-120.884	38.457	60	1252	92	65.5	158	258	320	-9999	-99.9	-99.9	-99.9
1943	-120.885	38.447	60	1252	96	66.6	158	251	483	-9999	-99.9	-99.9	-99.9
1944	-120.887	38.437	60	1252	100	67.7	158	221	845	939	1.2	-1.7	2.1
1945	-120.893	38.403	60	1252	114	71.5	158	230	422	-9999	-99.9	-99.9	-99.9
1946	-120.895	38.393	60	1252	118	72.6	158	237	1945	-9999	-99.9	-99.9	-99.9
1947	-120.899	38.373	60	1252	126	74.8	158	213	214	364	1.2	-1.6	2
1948	-120.902	38.354	60	1252	134	77	158	164	160	-9999	-99.9	-99.9	-99.9
1949	-120.904	38.344	60	1252	138	78.1	158	174	24	-9999	-99.9	-99.9	-99.9
1950	-120.773	39.03	59	1254	370	1.8	158	902	-9999	-9999	-99.9	-99.9	-99.9
1951	-120.779	38.995	59	1254	384	5.1	158	780	1247	1566	3.3	-4.6	5.7
1952	-120.78	38.991	59	1254	386	5.7	158	780	1101	1506	3.3	-4.5	5.6
1953	-120.781	38.986	59	1254	388	6.2	158	915	1046	1429	3.3	-4.6	5.7
1954	-120.782	38.981	59	1254	390	6.7	158	915	1124	1501	3	-4.2	5.2
1955	-120.783	38.976	59	1254	392	7.3	158	898	1133	1461	3.1	-4.2	5.2
1956	-120.784	38.971	59	1254	394	7.8	158	898	1140	1363	2.2	-3.1	3.8
1957	-120.785	38.966	59	1254	396	8.4	158	793	1171	1790	4	-5.5	6.8
1958	-120.786	38.961	59	1254	398	8.9	158	793	1335	1822	4.3	-5.9	7.3
1959	-120.787	38.956	59	1254	400	9.5	158	848	1376	-9999	-99.9	-99.9	-99.9
1960	-120.787	38.951	59	1254	402	10	158	848	1046	1247	1.6	-2.2	2.7
1961	-120.788	38.946	59	1254	404	10.5	158	863	1198	1476	2.2	-3.1	3.8
1962	-120.789	38.942	59	1254	406	11.1	158	863	1285	1613	2.7	-3.8	4.6
1963	-120.79	38.937	59	1254	408	11.6	158	864	1259	1462	1.8	-2.6	3.1
1964	-120.791	38.932	59	1254	410	12.2	158	864	1330	1619	2.6	-3.7	4.5
1965	-120.792	38.927	59	1254	412	12.7	158	881	1293	1765	3	-4.1	5.1
1966	-120.793	38.922	59	1254	414	13.3	158	881	1370	1723	3.2	-4.4	5.5
1967	-120.794	38.917	59	1254	416	13.8	158	868	1262	1688	3	-4.1	5.1
1968	-120.795	38.912	59	1254	418	14.4	158	868	1258	1608	2.9	-4	4.9
1969	-120.795	38.907	59	1254	420	14.9	158	849	1260	1623	3	-4.2	5.1
1970	-120.796	38.902	59	1254	422	15.5	158	849	1264	1610	2.9	-4	4.9
1971	-120.797	38.897	59	1254	424	16	158	824	1196	1535	2.4	-3.4	4.2
1972	-120.798	38.892	59	1254	426	16.6	158	824	1289	1482	1.6	-2.2	2.8
1973	-120.799	38.888	59	1254	428	17.1	158	813	1071	1381	2	-2.8	3.5
1974	-120.8	38.883	59	1254	430	17.7	158	813	1116	1399	2.3	-3.2	3.9
1975	-120.801	38.878	59	1254	432	18.2	158	798	1199	1443	2.4	-3.3	4.1
1976	-120.802	38.873	59	1254	434	18.8	158	798	1114	1430	2.5	-3.5	4.4
1977	-120.803	38.868	59	1254	436	19.3	158	751	1128	1529	2.2	-3.1	3.8
1978	-120.804	38.863	59	1254	438	19.8	158	751	1194	1471	2	-2.8	3.4
1979	-120.804	38.858	59	1254	440	20.4	158	710	1277	1508	2.4	-3.4	4.2
1980	-120.805	38.853	59	1254	442	20.9	158	710	1229	1572	2.8	-3.9	4.8
1981	-120.806	38.848	59	1254	444	21.5	158	681	1264	1586	3	-4.1	5.1
1982	-120.807	38.843	59	1254	446	22	158	681	1205	1592	3.4	-4.8	5.9
1983	-120.808	38.839	59	1254	448	22.6	158	695	1205	1666	3.7	-5.2	6.4



2035	-120.878	38.451	60	1254	94	66	158	258	293	418	0.8	-1.1	1.4
2036	-120.886	38.407	60	1254	112	71	158	230	196	-9999	-99.9	-99.9	-99.9
2037	-120.888	38.397	60	1254	116	72.1	158	237	321	-9999	-99.9	-99.9	-99.9
2038	-120.889	38.392	60	1254	118	72.6	158	237	1803	-9999	-99.9	-99.9	-99.9
2039	-120.892	38.373	60	1254	126	74.8	158	213	281	-9999	-99.9	-99.9	-99.9
2040	-120.769	39.014	59	1256	376	2.9	158	425	-9999	1380	2.7	-3.7	4.5
2041	-120.771	39.005	59	1256	380	3.9	158	566	1308	-9999	-99.9	-99.9	-99.9
2042	-120.773	38.995	59	1256	384	5	158	930	1823	2350	4.3	-6	7.4
2043	-120.774	38.99	59	1256	386	5.6	158	930	1058	1606	4.3	-5.9	7.3
2044	-120.775	38.985	59	1256	388	6.1	158	929	1086	-9999	-99.9	-99.9	-99.9
2045	-120.776	38.98	59	1256	390	6.7	158	929	1173	1702	4	-5.6	6.9
2046	-120.777	38.975	59	1256	392	7.2	158	849	1314	1725	3.2	-4.4	5.5
2047	-120.778	38.97	59	1256	394	7.7	158	849	1300	-9999	-99.9	-99.9	-99.9
2048	-120.778	38.965	59	1256	396	8.3	158	807	1228	1597	2.9	-4	5
2049	-120.779	38.96	59	1256	398	8.8	158	807	1233	1853	4.7	-6.5	8
2050	-120.78	38.956	59	1256	400	9.4	158	874	-9999	1265	2.1	-2.9	3.5
2051	-120.781	38.951	59	1256	402	9.9	158	874	1067	1475	2.6	-3.6	4.4
2052	-120.782	38.946	59	1256	404	10.5	158	899	1314	1556	2.7	-3.8	4.7
2053	-120.783	38.941	59	1256	406	11	158	899	1207	1643	2.9	-4	4.9
2054	-120.784	38.936	59	1256	408	11.6	158	898	1287	1623	2.8	-3.9	4.8
2055	-120.785	38.931	59	1256	410	12.1	158	898	1351	1602	2.6	-3.6	4.4
2056	-120.786	38.926	59	1256	412	12.7	158	916	1342	1898	3.5	-4.8	6
2057	-120.787	38.921	59	1256	414	13.2	158	916	1321	1679	2.2	-3.1	3.8
2058	-120.787	38.916	59	1256	416	13.8	158	918	1307	1589	2.1	-2.9	3.6
2059	-120.788	38.911	59	1256	418	14.3	158	918	1295	1639	2.8	-3.9	4.8
2060	-120.789	38.906	59	1256	420	14.9	158	884	1280	1646	3	-4.2	5.2
2061	-120.79	38.902	59	1256	422	15.4	158	884	1322	1614	2.4	-3.4	4.1
2062	-120.791	38.897	59	1256	424	16	158	835	1237	1532	2.4	-3.4	4.2
2063	-120.793	38.887	59	1256	428	17.1	158	806	964	1506	4.4	-6.1	7.5
2064	-120.794	38.882	59	1256	430	17.6	158	806	1019	1441	3.4	-4.7	5.8
2065	-120.795	38.877	59	1256	432	18.2	158	802	1164	1410	2.3	-3.2	4
2066	-120.795	38.872	59	1256	434	18.7	158	802	1148	1611	2.5	-3.4	4.2
2067	-120.796	38.867	59	1256	436	19.3	158	785	1301	1548	2	-2.8	3.5
2068	-120.797	38.862	59	1256	438	19.8	158	785	1219	1476	2.1	-2.9	3.6
2069	-120.798	38.857	59	1256	440	20.4	158	750	1303	1685	2.6	-3.6	4.5
2070	-120.799	38.853	59	1256	442	20.9	158	750	1291	1616	2.6	-3.7	4.5
2071	-120.8	38.848	59	1256	444	21.5	158	695	1266	1588	2.9	-4	4.9
2072	-120.801	38.843	59	1256	446	22	158	695	1263	1730	3.6	-5	6.2
2073	-120.802	38.838	59	1256	448	22.6	158	657	1237	1694	3.6	-5	6.1
2074	-120.803	38.833	59	1256	450	23.1	158	657	1185	1577	3	-4.2	5.1
2075	-120.804	38.828	59	1256	452	23.7	158	677	1199	1618	3	-4.1	5.1
2076	-120.804	38.823	59	1256	454	24.2	158	677	1039	1578	3.6	-5	6.2
2077	-120.805	38.818	59	1256	456	24.8	158	690	1074	1505	3.5	-4.9	6
2078	-120.806	38.813	59	1256	458	25.3	158	690	937	1229	2.3	-3.3	4
2079	-120.807	38.808	59	1256	460	25.9	158	686	918	1158	1.9	-2.6	3.2
2080	-120.808	38.803	59	1256	462	26.4	158	686	918	1037	0.9	-1.3	1.6
2081	-120.809	38.799	59	1256	464	27	158	675	892	1119	1.9	-2.7	3.3
2082	-120.81	38.794	59	1256	466	27.5	158	675	877	930	0.5	-0.7	0.8
2083	-120.811	38.789	59	1256	468	28.1	158	605	873	917	1.2	-1.7	2.1
2084	-120.812	38.784	59	1256	470	28.6	158	605	759	899	0.5	-0.7	0.9
2085	-120.812	38.779	59	1256	472	29.2	158	433	618	832	1.7	-2.4	3



2137	-120.772	38.965	59	1258	396	8.3	158	807	1358	1798	3.5	-4.8	6
2138	-120.773	38.96	59	1258	398	8.8	158	807	1315	1756	3.5	-4.9	6
2139	-120.774	38.955	59	1258	400	9.4	158	874	1079	1391	2.5	-3.5	4.3
2140	-120.775	38.95	59	1258	402	9.9	158	874	1196	1541	2.7	-3.8	4.6
2141	-120.776	38.945	59	1258	404	10.5	158	899	1230	1470	2.2	-3	3.7
2142	-120.777	38.94	59	1258	406	11	158	899	1257	1610	2.8	-3.9	4.8
2143	-120.778	38.935	59	1258	408	11.6	158	898	1142	1418	2.2	-3.1	3.8
2144	-120.778	38.93	59	1258	410	12.1	158	898	1349	1375	1.9	-2.6	3.2
2145	-120.779	38.925	59	1258	412	12.7	158	916	1221	1535	2.1	-3	3.7
2146	-120.78	38.92	59	1258	414	13.2	158	916	1285	1657	2.9	-4	4.9
2147	-120.781	38.916	59	1258	416	13.8	158	918	1305	1653	2.8	-3.9	4.8
2148	-120.782	38.911	59	1258	418	14.3	158	918	1324	1555	2.7	-3.7	4.6
2149	-120.783	38.906	59	1258	420	14.9	158	884	1326	1702	3.1	-4.4	5.4
2150	-120.784	38.901	59	1258	422	15.4	158	884	1348	1674	2.5	-3.5	4.3
2151	-120.785	38.896	59	1258	424	16	158	835	1362	1664	2.7	-3.7	4.5
2152	-120.786	38.891	59	1258	426	16.5	158	835	1300	1529	1.9	-2.7	3.3
2153	-120.787	38.886	59	1258	428	17.1	158	806	1014	1563	4.4	-6.1	7.5
2154	-120.787	38.881	59	1258	430	17.6	158	806	1021	1440	3.4	-4.7	5.8
2155	-120.788	38.876	59	1258	432	18.2	158	802	1243	1430	1.5	-2.1	2.6
2156	-120.789	38.871	59	1258	434	18.7	158	802	1313	1686	2.6	-3.6	4.5
2157	-120.79	38.867	59	1258	436	19.3	158	785	1416	1515	2.3	-3.1	3.9
2158	-120.791	38.862	59	1258	438	19.8	158	785	1322	1553	2.2	-3	3.7
2159	-120.792	38.857	59	1258	440	20.4	158	750	1325	1585	2.4	-3.4	4.1
2160	-120.793	38.852	59	1258	442	20.9	158	750	1351	1677	2.6	-3.6	4.5
2161	-120.794	38.847	59	1258	444	21.5	158	695	1299	1627	3.1	-4.3	5.3
2162	-120.795	38.842	59	1258	446	22	158	695	1255	1701	3.4	-4.7	5.8
2163	-120.795	38.837	59	1258	448	22.6	158	657	1236	1608	3	-4.1	5.1
2164	-120.796	38.832	59	1258	450	23.1	158	657	1232	1583	3	-4.2	5.1
2165	-120.797	38.827	59	1258	452	23.7	158	677	1142	1561	3	-4.2	5.2
2166	-120.798	38.822	59	1258	454	24.2	158	677	1072	1535	3.3	-4.6	5.7
2167	-120.799	38.817	59	1258	456	24.8	158	690	1023	1361	2.8	-3.8	4.7
2168	-120.8	38.813	59	1258	458	25.3	158	690	955	1215	1.9	-2.6	3.3
2169	-120.801	38.808	59	1258	460	25.9	158	686	999	1187	1.5	-2.1	2.6
2170	-120.802	38.803	59	1258	462	26.4	158	686	980	1048	0.6	-0.8	1
2171	-120.803	38.798	59	1258	464	27	158	675	922	-9999	-99.9	-99.9	-99.9
2172	-120.804	38.793	59	1258	466	27.5	158	675	931	-9999	-99.9	-99.9	-99.9
2173	-120.804	38.788	59	1258	468	28.1	158	605	868	882	0.1	-0.2	0.2
2174	-120.805	38.783	59	1258	470	28.6	158	605	765	810	0.4	-0.5	0.6
2175	-120.806	38.778	59	1258	472	29.2	158	433	687	746	0.5	-0.7	0.8
2176	-120.807	38.773	59	1258	474	29.7	158	433	566	615	0.9	-1.3	1.6
2177	-120.808	38.768	59	1258	476	30.3	158	433	568	674	1.4	-1	1.7
2178	-120.809	38.764	59	1258	478	30.8	158	433	511	787	2.4	-3.3	4.1
2179	-120.81	38.759	59	1258	480	31.4	158	494	478	786	1.8	-2.5	3.1
2180	-120.811	38.754	59	1258	482	31.9	158	494	467	-9999	-99.9	-99.9	-99.9
2181	-120.812	38.749	59	1258	484	32.5	158	531	616	-9999	-99.9	-99.9	-99.9
2182	-120.813	38.739	59	1258	488	33.6	158	575	688	817	1	-1.4	1.8
2183	-120.814	38.734	59	1258	490	34.1	158	575	682	787	0.6	-0.8	1
2184	-120.815	38.729	59	1258	492	34.7	158	593	679	-9999	-99.9	-99.9	-99.9
2185	-120.816	38.724	59	1258	494	35.2	158	593	720	-9999	-99.9	-99.9	-99.9
2186	-120.817	38.719	59	1258	496	35.8	158	544	724	-9999	-99.9	-99.9	-99.9
2187	-120.82	38.705	59	1258	502	37.4	158	539	756	1021	2.2	-3	3.7



2239	-120.776	38.91	59	1260	418	14.3	158	961	1366	1660	2.4	-3.3	4.1
2240	-120.777	38.905	59	1260	420	14.9	158	914	1370	1739	3	-4.1	5.1
2241	-120.778	38.9	59	1260	422	15.4	158	914	1495	1943	3.6	-5	6.2
2242	-120.778	38.895	59	1260	424	16	158	878	1539	1842	2.8	-3.8	4.7
2243	-120.779	38.89	59	1260	426	16.5	158	878	1404	1679	1.9	-2.6	3.2
2244	-120.78	38.885	59	1260	428	17.1	158	849	1393	1564	1.7	-2.4	2.9
2245	-120.781	38.881	59	1260	430	17.6	158	849	1176	-9999	-99.9	-99.9	-99.9
2246	-120.782	38.876	59	1260	432	18.2	158	816	1249	1627	2.3	-3.2	3.9
2247	-120.783	38.871	59	1260	434	18.7	158	816	1388	1652	2.3	-3.2	3.9
2248	-120.784	38.866	59	1260	436	19.3	158	780	1430	1717	2.2	-3.1	3.8
2249	-120.785	38.861	59	1260	438	19.8	158	780	1451	1614	1.6	-2.2	2.7
2250	-120.786	38.856	59	1260	440	20.4	158	728	1424	1517	1.6	-2.2	2.8
2251	-120.787	38.851	59	1260	442	20.9	158	728	1386	1552	2	-2.8	3.4
2252	-120.787	38.846	59	1260	444	21.5	158	700	1360	1580	2.6	-3.6	4.5
2253	-120.788	38.841	59	1260	446	22	158	700	1300	1737	3.4	-4.7	5.8
2254	-120.789	38.836	59	1260	448	22.6	158	617	1241	1681	3.5	-4.9	6
2255	-120.79	38.832	59	1260	450	23.1	158	617	1183	1613	2.7	-3.7	4.6
2256	-120.791	38.827	59	1260	452	23.7	158	585	1120	1530	2.7	-3.8	4.6
2257	-120.792	38.822	59	1260	454	24.2	158	585	1118	1489	3	-4.2	5.1
2258	-120.793	38.817	59	1260	456	24.8	158	582	1203	1580	2.8	-3.9	4.9
2259	-120.794	38.812	59	1260	458	25.3	158	582	1120	1711	3.3	-4.5	5.6
2260	-120.795	38.807	59	1260	460	25.9	158	626	1030	1275	2	-2.8	3.4
2261	-120.795	38.802	59	1260	462	26.4	158	626	1016	1269	2.1	-2.9	3.6
2262	-120.796	38.797	59	1260	464	27	158	610	947	-9999	-99.9	-99.9	-99.9
2263	-120.797	38.792	59	1260	466	27.5	158	610	946	-9999	-99.9	-99.9	-99.9
2264	-120.798	38.787	59	1260	468	28.1	158	552	1010	1119	1	-1.3	1.6
2265	-120.799	38.782	59	1260	470	28.6	158	552	768	868	0.8	-1.1	1.4
2266	-120.8	38.778	59	1260	472	29.2	158	437	687	757	0.6	-0.8	1
2267	-120.801	38.773	59	1260	474	29.7	158	437	590	643	1.3	-1.9	2.3
2268	-120.802	38.768	59	1260	476	30.3	158	453	589	815	1.9	-2.6	3.2
2269	-120.803	38.763	59	1260	478	30.8	158	453	553	907	2.9	-4	5
2270	-120.803	38.758	59	1260	480	31.4	158	594	508	-9999	-99.9	-99.9	-99.9
2271	-120.804	38.753	59	1260	482	31.9	158	594	574	-9999	-99.9	-99.9	-99.9
2272	-120.805	38.748	59	1260	484	32.5	158	612	602	779	1.4	-2	2.4
2273	-120.806	38.743	59	1260	486	33	158	612	595	750	1.2	-1.7	2.1
2274	-120.807	38.738	59	1260	488	33.6	158	612	669	839	1.3	-1.9	2.3
2275	-120.808	38.733	59	1260	490	34.1	158	612	730	829	0.8	-1.1	1.3
2276	-120.809	38.729	59	1260	492	34.7	158	625	703	816	0.8	-1.1	1.3
2277	-120.81	38.724	59	1260	494	35.2	158	625	725	757	0.2	-0.3	0.4
2278	-120.811	38.719	59	1260	496	35.8	158	579	718	966	1.7	-2.4	3
2279	-120.812	38.714	59	1260	498	36.3	158	579	681	-9999	-99.9	-99.9	-99.9
2280	-120.812	38.709	59	1260	500	36.9	158	555	668	864	1.6	-2.2	2.7
2281	-120.813	38.704	59	1260	502	37.4	158	555	752	1091	2.7	-3.8	4.7
2282	-120.814	38.699	59	1260	504	38	158	556	813	-9999	-99.9	-99.9	-99.9
2283	-120.815	38.694	59	1260	506	38.5	158	556	784	1205	3.4	-4.7	5.8
2284	-120.816	38.689	59	1260	508	39.1	158	536	909	1094	1.5	-2.1	2.6
2285	-120.817	38.684	59	1260	510	39.6	158	536	856	985	1.1	-1.5	1.8
2286	-120.818	38.679	60	1260	0	40.2	158	500	787	1005	1.8	-2.5	3.1
2287	-120.819	38.675	60	1260	2	40.7	158	500	680	998	2.3	-3.1	3.9
2288	-120.82	38.67	60	1260	4	41.3	158	463	702	922	2.3	-3.2	4
2289	-120.825	38.64	60	1260	16	44.6	158	370	904	-9999	-99.9	-99.9	-99.9





2341	-120.765	38.934	59	1262	408	11.6	158	946	1289	1753	3.2	-4.4	5.5
2342	-120.766	38.929	59	1262	410	12.1	158	946	1397	1699	2.1	-2.9	3.6
2343	-120.767	38.924	59	1262	412	12.7	158	967	1528	1667	1.4	-1.9	2.3
2344	-120.768	38.919	59	1262	414	13.2	158	967	1515	1723	1.4	-1.9	2.4
2345	-120.769	38.914	59	1262	416	13.8	158	961	1459	1736	1.9	-2.7	3.3
2346	-120.769	38.909	59	1262	418	14.3	158	961	1475	1757	2	-2.8	3.5
2347	-120.77	38.904	59	1262	420	14.9	158	914	1484	1806	2.6	-3.6	4.5
2348	-120.771	38.899	59	1262	422	15.4	158	914	1519	1937	3.3	-4.6	5.7
2349	-120.772	38.895	59	1262	424	16	158	878	1565	1874	2.7	-3.7	4.6
2350	-120.773	38.89	59	1262	426	16.5	158	878	1516	1906	2.9	-4.1	5
2351	-120.774	38.885	59	1262	428	17.1	158	849	1532	1886	2.6	-3.6	4.5
2352	-120.775	38.88	59	1262	430	17.6	158	849	1493	1619	1.9	-2.6	3.2
2353	-120.776	38.875	59	1262	432	18.2	158	816	1495	1685	1.5	-2.1	2.6
2354	-120.777	38.87	59	1262	434	18.7	158	816	1413	1614	1.6	-2.2	2.7
2355	-120.778	38.865	59	1262	436	19.3	158	780	1453	1641	1.4	-1.9	2.4
2356	-120.778	38.86	59	1262	438	19.8	158	780	1428	1571	1.2	-1.6	2
2357	-120.779	38.855	59	1262	440	20.4	158	728	1421	1504	1.5	-2.1	2.6
2358	-120.78	38.85	59	1262	442	20.9	158	728	1380	1677	2.5	-3.5	4.4
2359	-120.781	38.846	59	1262	444	21.5	158	700	1340	1595	2.2	-3	3.7
2360	-120.782	38.841	59	1262	446	22	158	700	1290	1683	2.6	-3.6	4.4
2361	-120.783	38.836	59	1262	448	22.6	158	617	1232	1627	3.4	-4.7	5.7
2362	-120.784	38.831	59	1262	450	23.1	158	617	1131	1564	2.8	-3.9	4.8
2363	-120.785	38.826	59	1262	452	23.7	158	585	1106	1455	3.3	-4.6	5.7
2364	-120.786	38.821	59	1262	454	24.2	158	585	1078	1417	2.8	-3.8	4.7
2365	-120.787	38.816	59	1262	456	24.8	158	582	1126	1535	3	-4.2	5.2
2366	-120.787	38.811	59	1262	458	25.3	158	582	1101	1485	2.8	-3.8	4.7
2367	-120.788	38.806	59	1262	460	25.9	158	626	956	1530	2.7	-3.8	4.6
2368	-120.79	38.796	59	1262	464	27	158	610	911	-9999	-99.9	-99.9	-99.9
2369	-120.791	38.792	59	1262	466	27.5	158	610	841	-9999	-99.9	-99.9	-99.9
2370	-120.792	38.787	59	1262	468	28.1	158	552	980	-9999	-99.9	-99.9	-99.9
2371	-120.793	38.782	59	1262	470	28.6	158	552	753	-9999	-99.9	-99.9	-99.9
2372	-120.794	38.777	59	1262	472	29.2	158	437	653	-9999	-99.9	-99.9	-99.9
2373	-120.795	38.772	59	1262	474	29.7	158	437	525	-9999	-99.9	-99.9	-99.9
2374	-120.795	38.767	59	1262	476	30.3	158	453	535	-9999	-99.9	-99.9	-99.9
2375	-120.796	38.762	59	1262	478	30.8	158	453	555	612	0.8	-1.1	1.3
2376	-120.797	38.757	59	1262	480	31.4	158	594	640	642	1.1	-1.5	1.8
2377	-120.798	38.752	59	1262	482	31.9	158	594	696	719	1	-1.4	1.7
2378	-120.799	38.747	59	1262	484	32.5	158	612	705	989	2.3	-3.1	3.9
2379	-120.8	38.743	59	1262	486	33	158	612	695	962	2.1	-3	3.6
2380	-120.801	38.738	59	1262	488	33.6	158	612	732	855	1	-1.3	1.6
2381	-120.802	38.733	59	1262	490	34.1	158	612	752	911	1.3	-1.7	2.1
2382	-120.803	38.728	59	1262	492	34.7	158	625	769	-9999	-99.9	-99.9	-99.9
2383	-120.806	38.708	59	1262	500	36.9	158	555	683	-9999	-99.9	-99.9	-99.9
2384	-120.807	38.703	59	1262	502	37.4	158	555	728	1076	2.9	-4	4.9
2385	-120.808	38.698	59	1262	504	38	158	556	782	1243	3.7	-5.2	6.4
2386	-120.809	38.693	59	1262	506	38.5	158	556	800	1207	3.3	-4.6	5.7
2387	-120.81	38.689	59	1262	508	39.1	158	536	909	1166	2.1	-3	3.7
2388	-120.811	38.684	59	1262	510	39.6	158	536	837	1062	1.9	-2.6	3.2
2389	-120.812	38.679	60	1262	0	40.2	158	500	752	1062	2.5	-3.5	4.3
2390	-120.812	38.674	60	1262	2	40.7	158	500	699	1040	2.8	-3.8	4.7
2391	-120.813	38.669	60	1262	4	41.3	158	463	759	987	1.9	-2.6	3.3



2443	-120.76	38.928	59	1264	410	12.2	158	974	1482	1745	2.3	-3.2	4
2444	-120.761	38.923	59	1264	412	12.7	158	963	1522	1707	1.5	-2.1	2.6
2445	-120.761	38.918	59	1264	414	13.3	158	963	1545	1742	1.6	-2.2	2.7
2446	-120.762	38.913	59	1264	416	13.8	158	959	1492	1790	2	-2.8	3.5
2447	-120.763	38.909	59	1264	418	14.4	158	959	1506	1772	2	-2.8	3.4
2448	-120.764	38.904	59	1264	420	14.9	158	909	1440	1787	2.8	-3.9	4.9
2449	-120.765	38.899	59	1264	422	15.5	158	909	1584	1918	3.1	-4.3	5.3
2450	-120.766	38.894	59	1264	424	16	158	890	1551	1826	2.6	-3.7	4.5
2451	-120.767	38.889	59	1264	426	16.6	158	890	1461	1820	2.6	-3.6	4.5
2452	-120.768	38.884	59	1264	428	17.1	158	889	1605	1905	2.6	-3.7	4.5
2453	-120.769	38.879	59	1264	430	17.7	158	889	1511	1640	1.3	-1.8	2.3
2454	-120.769	38.874	59	1264	432	18.2	158	854	1448	1640	1.4	-1.9	2.4
2455	-120.77	38.869	59	1264	434	18.8	158	854	1477	1659	1.4	-2	2.4
2456	-120.771	38.864	59	1264	436	19.3	158	824	1531	1695	1.6	-2.3	2.8
2457	-120.772	38.86	59	1264	438	19.8	158	824	1479	1646	1.4	-1.9	2.4
2458	-120.773	38.855	59	1264	440	20.4	158	774	1316	1516	1.6	-2.3	2.8
2459	-120.774	38.85	59	1264	442	20.9	158	774	1385	1549	1.9	-2.6	3.2
2460	-120.775	38.845	59	1264	444	21.5	158	730	1334	1636	2.2	-3	3.7
2461	-120.776	38.84	59	1264	446	22	158	730	1342	1661	2.7	-3.8	4.7
2462	-120.777	38.835	59	1264	448	22.6	158	668	1261	1673	3.3	-4.6	5.6
2463	-120.778	38.83	59	1264	450	23.1	158	668	1177	1585	3.4	-4.8	5.9
2464	-120.778	38.825	59	1264	452	23.7	158	583	1102	1441	3.1	-4.3	5.3
2465	-120.779	38.82	59	1264	454	24.2	158	583	1028	1436	2.6	-3.7	4.5
2466	-120.78	38.815	59	1264	456	24.8	158	617	1110	1395	2.1	-2.9	3.6
2467	-120.781	38.811	59	1264	458	25.3	158	617	1135	1167	0.6	-0.9	1.1
2468	-120.784	38.796	59	1264	464	27	158	535	980	-9999	-99.9	-99.9	-99.9
2469	-120.787	38.776	59	1264	472	29.2	158	474	611	-9999	-99.9	-99.9	-99.9
2470	-120.788	38.771	59	1264	474	29.7	158	474	547	-9999	-99.9	-99.9	-99.9
2471	-120.789	38.766	59	1264	476	30.3	158	487	567	-9999	-99.9	-99.9	-99.9
2472	-120.79	38.761	59	1264	478	30.8	158	487	566	505	0.5	-0.7	0.9
2473	-120.791	38.757	59	1264	480	31.4	158	650	526	672	1.2	-1.7	2.1
2474	-120.792	38.752	59	1264	482	31.9	158	650	669	863	1.7	-2.3	2.9
2475	-120.793	38.747	59	1264	484	32.5	158	640	616	-9999	-99.9	-99.9	-99.9
2476	-120.794	38.742	59	1264	486	33	158	640	706	-9999	-99.9	-99.9	-99.9
2477	-120.795	38.737	59	1264	488	33.6	158	614	709	941	1.9	-2.6	3.2
2478	-120.795	38.732	59	1264	490	34.1	158	614	703	875	0.9	-1.2	1.5
2479	-120.802	38.698	59	1264	504	38	158	561	762	1172	3.3	-4.6	5.7
2480	-120.803	38.693	59	1264	506	38.5	158	561	-9999	1219	4	-5.5	6.8
2481	-120.805	38.678	60	1264	0	40.2	158	542	737	1255	4.2	-5.8	7.1
2482	-120.806	38.673	60	1264	2	40.7	158	542	613	1161	3.9	-5.4	6.6
2483	-120.807	38.668	60	1264	4	41.3	158	518	724	1004	2.3	-3.1	3.9
2484	-120.808	38.663	60	1264	6	41.8	158	518	629	897	2.2	-3	3.7
2485	-120.809	38.658	60	1264	8	42.4	158	498	715	948	1.9	-2.6	3.2
2486	-120.81	38.654	60	1264	10	42.9	158	498	600	801	1.6	-2.3	2.8
2487	-120.811	38.649	60	1264	12	43.5	158	503	681	972	2.3	-3.2	4
2488	-120.811	38.644	60	1264	14	44	158	503	733	1080	2.8	-3.8	4.7
2489	-120.812	38.639	60	1264	16	44.6	158	476	726	1092	2.9	-4	5
2490	-120.813	38.634	60	1264	18	45.1	158	476	634	1278	3.4	-4.7	5.8
2491	-120.814	38.629	60	1264	20	45.7	158	378	-9999	1055	2.7	-3.8	4.7
2492	-120.815	38.624	60	1264	22	46.2	158	378	1049	1334	2.4	-3.3	4.1
2493	-120.816	38.619	60	1264	24	46.8	158	388	983	1311	2.8	-3.9	4.7



2545	-120.755	38.918	59	1266	414	13.3	158	963	1582	1895	2.3	-3.2	4
2546	-120.756	38.913	59	1266	416	13.9	158	959	1583	1801	2.4	-3.3	4.1
2547	-120.757	38.908	59	1266	418	14.4	158	959	1557	1856	1.8	-2.4	3
2548	-120.758	38.903	59	1266	420	15	158	909	1575	1928	2.8	-3.9	4.9
2549	-120.759	38.898	59	1266	422	15.5	158	909	1571	2039	2.8	-3.8	4.7
2550	-120.76	38.893	59	1266	424	16.1	158	890	1609	1869	2.5	-3.4	4.2
2551	-120.761	38.888	59	1266	426	16.6	158	890	1564	1760	2.2	-3	3.7
2552	-120.761	38.883	59	1266	428	17.2	158	889	1640	1753	1.2	-1.6	2
2553	-120.762	38.878	59	1266	430	17.7	158	889	1641	1897	2	-2.8	3.5
2554	-120.763	38.874	59	1266	432	18.3	158	854	1667	1858	1.8	-2.4	3
2555	-120.764	38.869	59	1266	434	18.8	158	854	1675	-9999	-99.9	-99.9	-99.9
2556	-120.765	38.864	59	1266	436	19.3	158	824	1576	1687	1.3	-1.8	2.2
2557	-120.766	38.859	59	1266	438	19.9	158	824	1480	1599	1.2	-1.7	2.1
2558	-120.767	38.854	59	1266	440	20.4	158	774	1401	1530	1	-1.4	1.8
2559	-120.768	38.849	59	1266	442	21	158	774	1391	1647	2	-2.8	3.5
2560	-120.769	38.844	59	1266	444	21.5	158	730	1384	1706	2.5	-3.4	4.2
2561	-120.769	38.839	59	1266	446	22.1	158	730	1238	1548	2.5	-3.5	4.3
2562	-120.77	38.834	59	1266	448	22.6	158	668	1216	1621	3.2	-4.5	5.5
2563	-120.771	38.829	59	1266	450	23.2	158	668	1172	1611	3.5	-4.9	6
2564	-120.772	38.825	59	1266	452	23.7	158	583	1189	1537	3	-4.2	5.2
2565	-120.773	38.82	59	1266	454	24.3	158	583	1066	1430	2.9	-4	5
2566	-120.774	38.815	59	1266	456	24.8	158	617	1114	1493	2.6	-3.6	4.4
2567	-120.775	38.81	59	1266	458	25.4	158	617	1217	1729	3.6	-5	6.1
2568	-120.779	38.785	59	1266	468	28.1	158	464	492	1428	1.5	-2	2.5
2569	-120.781	38.775	59	1266	472	29.2	158	474	577	803	1.8	-2.5	3
2570	-120.782	38.771	59	1266	474	29.8	158	474	721	-9999	-99.9	-99.9	-99.9
2571	-120.783	38.766	59	1266	476	30.3	158	487	694	653	0.5	-0.7	0.9
2572	-120.784	38.761	59	1266	478	30.9	158	487	322	567	0.8	-1.1	1.3
2573	-120.785	38.756	59	1266	480	31.4	158	650	588	857	1.8	-2.5	3.1
2574	-120.786	38.751	59	1266	482	32	158	650	736	1081	2.3	-3.2	3.9
2575	-120.786	38.746	59	1266	484	32.5	158	640	738	1115	2.9	-4	5
2576	-120.787	38.741	59	1266	486	33.1	158	640	812	1172	3	-4.2	5.1
2577	-120.788	38.736	59	1266	488	33.6	158	614	-9999	1015	1.8	-2.5	3.1
2578	-120.789	38.731	59	1266	490	34.2	158	614	941	861	1	-1.4	1.7
2579	-120.795	38.697	59	1266	504	38	158	561	828	-9999	-99.9	-99.9	-99.9
2580	-120.799	38.677	60	1266	0	40.2	158	542	743	1266	4.2	-5.8	7.1
2581	-120.8	38.672	60	1266	2	40.7	158	542	739	1192	3.6	-5	6.2
2582	-120.801	38.668	60	1266	4	41.3	158	518	749	1110	2.9	-4	4.9
2583	-120.802	38.663	60	1266	6	41.8	158	518	651	1046	3.1	-4.4	5.4
2584	-120.803	38.658	60	1266	8	42.4	158	498	669	973	2.4	-3.4	4.2
2585	-120.803	38.653	60	1266	10	42.9	158	498	768	957	1.7	-2.3	2.8
2586	-120.804	38.648	60	1266	12	43.5	158	503	804	1098	2.3	-3.2	4
2587	-120.805	38.643	60	1266	14	44	158	503	860	1193	2.4	-3.4	4.2
2588	-120.806	38.638	60	1266	16	44.6	158	476	862	1340	3.8	-5.3	6.5
2589	-120.808	38.628	60	1266	20	45.7	158	378	964	1295	2.6	-3.6	4.5
2590	-120.809	38.623	60	1266	22	46.2	158	378	1115	1419	2.6	-3.6	4.5
2591	-120.81	38.619	60	1266	24	46.8	158	388	1019	-9999	-99.9	-99.9	-99.9
2592	-120.811	38.614	60	1266	26	47.3	158	388	-9999	1294	2.4	-3.4	4.2
2593	-120.811	38.609	60	1266	28	47.9	158	463	883	1220	2.7	-3.8	4.7
2594	-120.812	38.604	60	1266	30	48.4	158	463	-9999	1206	2.5	-3.5	4.3
2595	-120.813	38.599	60	1266	32	49	158	465	579	-9999	-99.9	-99.9	-99.9



2647	-120.758	38.868	59	1268	434	18.9	158	827	1574	1810	1.9	-2.6	3.2
2648	-120.759	38.863	59	1268	436	19.4	158	804	1641	1999	2.4	-3.3	4.1
2649	-120.76	38.858	59	1268	438	20	158	804	1476	1648	1.5	-2.1	2.6
2650	-120.761	38.853	59	1268	440	20.5	158	775	1439	1667	2.3	-3.1	3.9
2651	-120.761	38.848	59	1268	442	21	158	775	1412	1786	3.1	-4.3	5.3
2652	-120.762	38.843	59	1268	444	21.6	158	766	1212	1642	3.2	-4.4	5.4
2653	-120.763	38.839	59	1268	446	22.1	158	766	1174	1491	2.7	-3.8	4.7
2654	-120.764	38.834	59	1268	448	22.7	158	659	1231	1675	3.3	-4.6	5.7
2655	-120.765	38.829	59	1268	450	23.2	158	659	1130	1541	3.6	-5	6.1
2656	-120.766	38.824	59	1268	452	23.8	158	602	1112	1622	3.3	-4.6	5.7
2657	-120.767	38.819	59	1268	454	24.3	158	602	1259	1659	3.2	-4.5	5.5
2658	-120.768	38.814	59	1268	456	24.9	158	687	1175	1552	3.2	-4.4	5.4
2659	-120.769	38.809	59	1268	458	25.4	158	687	1226	1732	3.5	-4.8	5.9
2660	-120.769	38.804	59	1268	460	26	158	678	1329	1636	2.5	-3.4	4.2
2661	-120.772	38.789	59	1268	466	27.6	158	593	1035	1973	5	-6.9	8.5
2662	-120.773	38.785	59	1268	468	28.2	158	444	1067	1601	3.2	-4.5	5.5
2663	-120.774	38.78	59	1268	470	28.7	158	444	1059	1274	1.8	-2.5	3.1
2664	-120.775	38.775	59	1268	472	29.3	158	569	939	1295	2.9	-4	4.9
2665	-120.776	38.77	59	1268	474	29.8	158	569	866	-9999	-99.9	-99.9	-99.9
2666	-120.777	38.765	59	1268	476	30.4	158	626	668	786	1	-1.3	1.6
2667	-120.778	38.76	59	1268	478	30.9	158	626	553	694	0.6	-0.8	1
2668	-120.778	38.755	59	1268	480	31.4	158	709	609	-9999	-99.9	-99.9	-99.9
2669	-120.779	38.75	59	1268	482	32	158	709	796	1167	3.1	-4.3	5.3
2670	-120.78	38.745	59	1268	484	32.5	158	661	768	1140	3	-4.2	5.1
2671	-120.781	38.74	59	1268	486	33.1	158	661	882	-9999	-99.9	-99.9	-99.9
2672	-120.782	38.736	59	1268	488	33.6	158	628	607	-9999	-99.9	-99.9	-99.9
2673	-120.783	38.731	59	1268	490	34.2	158	628	676	-9999	-99.9	-99.9	-99.9
2674	-120.793	38.677	60	1268	0	40.2	158	619	790	1315	4.2	-5.8	7.1
2675	-120.795	38.667	60	1268	4	41.3	158	617	685	1081	3.2	-4.4	5.4
2676	-120.795	38.662	60	1268	6	41.9	158	617	672	1068	3.2	-4.4	5.4
2677	-120.796	38.657	60	1268	8	42.4	158	629	835	1137	1.6	-3.3	3.6
2678	-120.797	38.652	60	1268	10	43	158	629	729	1038	2.1	-3.8	4.4
2679	-120.798	38.647	60	1268	12	43.5	158	608	795	1091	2.3	-3.2	4
2680	-120.799	38.642	60	1268	14	44.1	158	608	863	1086	1.6	-2.2	2.7
2681	-120.8	38.637	60	1268	16	44.6	158	596	839	1282	1.9	-2.6	3.3
2682	-120.801	38.633	60	1268	18	45.2	158	596	1056	1178	1.3	-1.8	2.3
2683	-120.802	38.628	60	1268	20	45.7	158	484	1049	1495	3.4	-4.7	5.7
2684	-120.803	38.623	60	1268	22	46.3	158	484	1078	1212	2.3	-3.2	4
2685	-120.803	38.618	60	1268	24	46.8	158	364	851	1195	2.7	-3.7	4.6
2686	-120.804	38.613	60	1268	26	47.4	158	364	964	1111	2.4	-3.3	4
2687	-120.805	38.608	60	1268	28	47.9	158	481	920	1254	1.6	-2.2	2.7
2688	-120.806	38.603	60	1268	30	48.5	158	481	1157	1431	2.2	-3	3.7
2689	-120.807	38.598	60	1268	32	49	158	511	690	888	1.6	-2.2	2.7
2690	-120.808	38.593	60	1268	34	49.6	158	511	568	852	1.2	-1.7	2.1
2691	-120.811	38.579	60	1268	40	51.2	158	513	455	620	1.3	-1.8	2.2
2692	-120.812	38.569	60	1268	44	52.3	158	389	487	579	0.5	-0.7	0.9
2693	-120.813	38.564	60	1268	46	52.9	158	389	536	481	0.2	-0.3	0.4
2694	-120.815	38.554	60	1268	50	54	158	424	456	-9999	-99.9	-99.9	-99.9
2695	-120.818	38.539	60	1268	56	55.6	158	490	284	-9999	-99.9	-99.9	-99.9
2696	-120.824	38.505	60	1268	70	59.5	158	439	708	-9999	-99.9	-99.9	-99.9
2697	-120.841	38.412	60	1268	108	69.9	158	360	416	-9999	-99.9	-99.9	-99.9





2749	-120.773	38.75	59	1270	482	32	158	709	817	-9999	-99.9	-99.9	-99.9
2750	-120.775	38.74	59	1270	486	33.1	158	661	988	1746	6.1	-8.5	10.4
2751	-120.777	38.73	59	1270	490	34.2	158	628	698	999	2.4	-3.3	4.1
2752	-120.786	38.676	60	1270	0	40.3	158	619	796	1289	3.9	-5.5	6.7
2753	-120.788	38.666	60	1270	4	41.4	158	617	769	1146	3	-4.2	5.1
2754	-120.789	38.661	60	1270	6	41.9	158	617	796	-9999	-99.9	-99.9	-99.9
2755	-120.79	38.656	60	1270	8	42.5	158	629	792	1193	3.2	-4.4	5.5
2756	-120.791	38.651	60	1270	10	43	158	629	879	-9999	-99.9	-99.9	-99.9
2757	-120.792	38.647	60	1270	12	43.6	158	608	859	1203	2.4	-3.3	4.1
2758	-120.793	38.642	60	1270	14	44.1	158	608	921	1372	3.6	-5	6.1
2759	-120.794	38.637	60	1270	16	44.7	158	596	994	1178	1.2	-1.7	2
2760	-120.795	38.632	60	1270	18	45.2	158	596	1171	1384	2.2	-3.1	3.8
2761	-120.795	38.627	60	1270	20	45.8	158	484	1187	1519	2.6	-3.6	4.5
2762	-120.796	38.622	60	1270	22	46.3	158	484	1055	1422	2.6	-3.6	4.4
2763	-120.797	38.617	60	1270	24	46.8	158	364	913	1236	2.3	-3.1	3.9
2764	-120.798	38.612	60	1270	26	47.4	158	364	829	1110	1.8	-2.5	3
2765	-120.799	38.607	60	1270	28	47.9	158	481	901	-9999	-99.9	-99.9	-99.9
2766	-120.801	38.598	60	1270	32	49	158	511	-9999	1090	1.2	-1.7	2.1
2767	-120.802	38.593	60	1270	34	49.6	158	511	-9999	878	2.1	-2.9	3.5
2768	-120.805	38.573	60	1270	42	51.8	158	513	-9999	975	3.1	-4.3	5.3
2769	-120.806	38.568	60	1270	44	52.3	158	389	489	739	1.8	-2.6	3.1
2770	-120.807	38.563	60	1270	46	52.9	158	389	-9999	486	1.5	-2.1	2.6
2771	-120.808	38.558	60	1270	48	53.4	158	424	400	-9999	-99.9	-99.9	-99.9
2772	-120.81	38.548	60	1270	52	54.5	158	496	462	-9999	-99.9	-99.9	-99.9
2773	-120.82	38.49	60	1270	76	61.1	158	409	447	499	0.4	-0.6	0.7
2774	-120.821	38.485	60	1270	78	61.7	158	409	417	-9999	-99.9	-99.9	-99.9
2775	-120.841	38.377	60	1270	122	73.8	158	296	-1106	-9999	-99.9	-99.9	-99.9
2776	-120.707	39.072	59	1272	350	5.7	158	848	3382	3583	2.5	-3.5	4.3
2777	-120.708	39.068	59	1272	352	5.3	158	777	3754	4811	8.6	-11.9	14.7
2778	-120.71	39.058	59	1272	356	4.5	158	713	2341	2312	0.4	-0.6	0.7
2779	-120.711	39.053	59	1272	358	4.2	158	713	2068	-9999	-99.9	-99.9	-99.9
2780	-120.713	39.043	59	1272	362	3.7	158	619	2063	2150	0.6	-0.9	1.1
2781	-120.714	39.038	59	1272	364	3.6	158	530	2248	-9999	-99.9	-99.9	-99.9
2782	-120.715	39.033	59	1272	366	3.6	158	530	3085	3215	1	-1.4	1.7
2783	-120.716	39.028	59	1272	368	3.6	158	566	2956	3204	1.9	-4.5	4.9
2784	-120.716	39.023	59	1272	370	3.7	158	566	3018	3278	2	-5.1	5.5
2785	-120.717	39.019	59	1272	372	3.9	158	605	2327	-9999	-99.9	-99.9	-99.9
2786	-120.718	39.014	59	1272	374	4.2	158	605	2584	2821	1.3	-1.8	2.2
2787	-120.719	39.009	59	1272	376	4.5	158	694	2464	2636	1.2	-2.4	2.7
2788	-120.72	39.004	59	1272	378	4.9	158	694	2276	2617	1.8	-2.5	3
2789	-120.721	38.999	59	1272	380	5.3	158	680	2419	2461	1.7	-2.4	3
2790	-120.722	38.994	59	1272	382	5.7	158	680	2102	2736	4.9	-6.9	8.4
2791	-120.723	38.989	59	1272	384	6.1	158	697	2146	2647	3.9	-5.4	6.7
2792	-120.724	38.984	59	1272	386	6.6	158	697	1919	-9999	-99.9	-99.9	-99.9
2793	-120.725	38.979	59	1272	388	7	158	952	2088	2234	1.1	-1.6	1.9
2794	-120.73	38.95	59	1272	400	10	158	1041	1611	2101	3.5	-4.9	6
2795	-120.731	38.945	59	1272	402	10.5	158	1041	1743	2104	3.2	-4.4	5.4
2796	-120.732	38.94	59	1272	404	11	158	1034	1590	2230	4.4	-6.1	7.5
2797	-120.733	38.935	59	1272	406	11.6	158	1034	1638	-9999	-99.9	-99.9	-99.9
2798	-120.734	38.93	59	1272	408	12.1	158	995	1605	1868	2.5	-3.4	4.2
2799	-120.734	38.925	59	1272	410	12.6	158	995	1634	2053	3.4	-4.8	5.9



2851	-120.814	38.489	60	1272	76	61.2	158	440	456	-9999	-99.9	-99.9	-99.9
2852	-120.815	38.484	60	1272	78	61.7	158	440	449	-9999	-99.9	-99.9	-99.9
2853	-120.816	38.479	60	1272	80	62.3	158	409	412	-9999	-99.9	-99.9	-99.9
2854	-120.817	38.474	60	1272	82	62.8	158	409	514	-9999	-99.9	-99.9	-99.9
2855	-120.818	38.469	60	1272	84	63.4	158	411	943	-9999	-99.9	-99.9	-99.9
2856	-120.823	38.44	60	1272	96	66.6	158	335	520	-9999	-99.9	-99.9	-99.9
2857	-120.701	39.072	59	1274	350	6	158	848	2663	-9999	-99.9	-99.9	-99.9
2858	-120.703	39.062	59	1274	354	5.3	158	777	2756	3082	3.1	-4.3	5.3
2859	-120.704	39.057	59	1274	356	5	158	713	2505	-9999	-99.9	-99.9	-99.9
2860	-120.705	39.052	59	1274	358	4.7	158	713	2373	2177	0.5	-0.6	0.8
2861	-120.706	39.047	59	1274	360	4.4	158	619	-9999	2183	1.2	-1.6	2
2862	-120.708	39.033	59	1274	366	4.1	158	530	2911	3161	1.5	-2.1	2.6
2863	-120.709	39.028	59	1274	368	4.2	158	566	3006	3184	2.1	-2.9	3.6
2864	-120.71	39.023	59	1274	370	4.3	158	566	3112	-9999	-99.9	-99.9	-99.9
2865	-120.711	39.018	59	1274	372	4.4	158	605	2501	2829	1.9	-2.7	3.3
2866	-120.712	39.013	59	1274	374	4.7	158	605	2579	2898	2.6	-3.6	4.4
2867	-120.713	39.008	59	1274	376	5	158	694	2610	2726	1.3	-1.8	2.2
2868	-120.714	39.003	59	1274	378	5.3	158	694	2528	2757	1.8	-2.5	3
2869	-120.715	38.998	59	1274	380	5.6	158	680	2638	3010	2.7	-3.8	4.6
2870	-120.716	38.993	59	1274	382	6	158	680	2536	2779	3.3	-6.7	7.5
2871	-120.717	38.988	59	1274	384	6.4	158	697	2347	2890	4.5	-6.3	7.7
2872	-120.717	38.984	59	1274	386	6.9	158	697	2239	-9999	-99.9	-99.9	-99.9
2873	-120.718	38.979	59	1274	388	7.3	158	952	2182	2227	0.3	-0.5	0.6
2874	-120.723	38.954	59	1274	398	9.7	158	1052	1602	1919	2.6	-3.5	4.4
2875	-120.724	38.949	59	1274	400	10.2	158	1041	1780	2185	2.9	-4.1	5
2876	-120.725	38.944	59	1274	402	10.7	158	1041	1726	2005	2.4	-3.3	4.1
2877	-120.726	38.939	59	1274	404	11.2	158	1034	1798	2121	2.8	-3.9	4.8
2878	-120.726	38.934	59	1274	406	11.7	158	1034	1666	1962	2.6	-3.5	4.4
2879	-120.727	38.93	59	1274	408	12.3	158	995	1630	2166	3.6	-5	6.2
2880	-120.728	38.925	59	1274	410	12.8	158	995	1880	-9999	-99.9	-99.9	-99.9
2881	-120.729	38.92	59	1274	412	13.3	158	953	1571	1929	3.4	-4.7	5.8
2882	-120.73	38.915	59	1274	414	13.8	158	953	1546	1727	2	-2.7	3.4
2883	-120.731	38.91	59	1274	416	14.4	158	957	1775	1964	2.2	-3.1	3.8
2884	-120.732	38.905	59	1274	418	14.9	158	957	1787	1865	1.6	-2.2	2.7
2885	-120.733	38.9	59	1274	420	15.4	158	936	1744	1850	1.3	-1.8	2.2
2886	-120.734	38.895	59	1274	422	15.9	158	936	1824	1772	1.2	-1.7	2
2887	-120.735	38.89	59	1274	424	16.5	158	914	1574	1837	1.6	-2.3	2.8
2888	-120.735	38.885	59	1274	426	17	158	914	1445	1592	1.1	-1.6	1.9
2889	-120.736	38.881	59	1274	428	17.5	158	870	1446	1606	1.3	-1.8	2.2
2890	-120.743	38.846	59	1274	442	21.3	158	746	-9999	1552	1.5	-2.1	2.6
2891	-120.744	38.841	59	1274	444	21.8	158	690	1101	1585	3.8	-5.3	6.5
2892	-120.744	38.836	59	1274	446	22.4	158	690	948	1598	4.7	-6.5	8
2893	-120.745	38.832	59	1274	448	22.9	158	645	1172	1591	4.6	-6.4	7.9
2894	-120.746	38.827	59	1274	450	23.5	158	645	1086	1927	5.2	-7.2	8.9
2895	-120.747	38.822	59	1274	452	24	158	671	1280	1924	5	-7	8.6
2896	-120.748	38.817	59	1274	454	24.5	158	671	1241	1820	4.7	-6.5	8
2897	-120.749	38.812	59	1274	456	25.1	158	696	1283	1809	4.2	-5.8	7.2
2898	-120.75	38.807	59	1274	458	25.6	158	696	1294	1912	3.1	-4.4	5.4
2899	-120.753	38.787	59	1274	466	27.8	158	651	1138	1701	3.8	-5.2	6.4
2900	-120.754	38.782	59	1274	468	28.4	158	522	1052	-9999	-99.9	-99.9	-99.9
2901	-120.756	38.773	59	1274	472	29.4	158	631	-9999	1499	3.4	-4.7	5.8



2953	-120.717	38.948	59	1276	400	10.5	158	1138	2453	2220	4	-5.5	6.8
2954	-120.718	38.944	59	1276	402	10.9	158	1138	2317	2447	1.8	-2.5	3.1
2955	-120.719	38.939	59	1276	404	11.4	158	1127	2516	2445	2.2	-2.1	3.1
2956	-120.72	38.934	59	1276	406	12	158	1127	2068	2563	2.2	-3.1	3.8
2957	-120.721	38.929	59	1276	408	12.5	158	1091	2059	2594	3.3	-4.6	5.7
2958	-120.722	38.924	59	1276	410	13	158	1091	2133	2511	3	-4.2	5.2
2959	-120.723	38.919	59	1276	412	13.5	158	1073	2101	2293	1.6	-2.2	2.7
2960	-120.724	38.914	59	1276	414	14	158	1073	1918	-9999	-99.9	-99.9	-99.9
2961	-120.725	38.909	59	1276	416	14.5	158	1074	1810	1940	0.8	-1.1	1.3
2962	-120.726	38.904	59	1276	418	15	158	1074	1817	1965	1.2	-1.6	2
2963	-120.726	38.899	59	1276	420	15.6	158	1027	1869	2023	1.7	-2.3	2.9
2964	-120.727	38.895	59	1276	422	16.1	158	1027	1850	1770	0.5	-0.8	0.9
2965	-120.728	38.89	59	1276	424	16.6	158	978	1530	1548	0.3	-0.4	0.5
2966	-120.729	38.885	59	1276	426	17.1	158	978	1385	1493	0.1	-0.1	0.1
2967	-120.73	38.88	59	1276	428	17.7	158	925	1412	1480	1.1	-1.5	1.8
2968	-120.736	38.846	59	1276	442	21.4	158	845	1181	1359	1.5	-2	2.5
2969	-120.737	38.841	59	1276	444	22	158	796	1060	1421	2.9	-4	4.9
2970	-120.738	38.836	59	1276	446	22.5	158	796	887	1969	4.8	-6.6	8.1
2971	-120.739	38.831	59	1276	448	23	158	785	1203	1997	5	-7	8.6
2972	-120.74	38.826	59	1276	450	23.6	158	785	1094	1994	5.2	-7.3	8.9
2973	-120.741	38.821	59	1276	452	24.1	158	787	1324	1935	4.9	-6.7	8.3
2974	-120.742	38.816	59	1276	454	24.6	158	787	1326	1912	4.5	-6.3	7.7
2975	-120.743	38.811	59	1276	456	25.2	158	738	1368	1936	4.9	-6.8	8.4
2976	-120.744	38.806	59	1276	458	25.7	158	738	1345	1828	4	-5.5	6.8
2977	-120.747	38.787	59	1276	466	27.9	158	676	1121	-9999	-99.9	-99.9	-99.9
2978	-120.75	38.772	59	1276	472	29.5	158	625	926	-9999	-99.9	-99.9	-99.9
2979	-120.758	38.728	59	1276	490	34.4	158	727	1081	1480	3.2	-4.4	5.5
2980	-120.759	38.723	59	1276	492	35	158	689	1015	1379	2.9	-4.1	5
2981	-120.76	38.718	59	1276	494	35.5	158	689	985	1321	2.8	-3.8	4.7
2982	-120.761	38.713	59	1276	496	36.1	158	631	968	1409	3.3	-4.6	5.6
2983	-120.761	38.708	59	1276	498	36.6	158	631	1049	1391	3.6	-5	6.1
2984	-120.762	38.703	59	1276	500	37.1	158	658	-9999	1367	3.2	-4.4	5.4
2985	-120.763	38.698	59	1276	502	37.7	158	658	-9999	1294	3.2	-4.5	5.6
2986	-120.766	38.684	59	1276	508	39.3	158	669	895	1201	2.6	-3.6	4.4
2987	-120.767	38.679	59	1276	510	39.9	158	669	879	1301	3.7	-5.2	6.4
2988	-120.768	38.674	60	1276	0	40.4	158	684	900	1253	2.7	-3.7	4.6
2989	-120.769	38.669	60	1276	2	41	158	684	903	1315	3.6	-5	6.1
2990	-120.769	38.664	60	1276	4	41.5	158	681	928	-9999	-99.9	-99.9	-99.9
2991	-120.772	38.649	60	1276	10	43.2	158	622	939	1385	3.6	-4.9	6.1
2992	-120.773	38.644	60	1276	12	43.7	158	510	996	1416	3.4	-4.7	5.7
2993	-120.774	38.64	60	1276	14	44.2	158	510	961	1275	2.8	-3.9	4.8
2994	-120.775	38.635	60	1276	16	44.8	158	435	1031	1358	3.1	-4.3	5.3
2995	-120.776	38.63	60	1276	18	45.3	158	435	1009	1457	3.6	-5	6.1
2996	-120.777	38.625	60	1276	20	45.9	158	511	1053	1531	3.9	-5.4	6.6
2997	-120.778	38.615	60	1276	24	47	158	536	-9999	1329	4.1	-5.6	6.9
2998	-120.78	38.605	60	1276	28	48.1	158	492	-9999	1331	2.5	-3.4	4.2
2999	-120.786	38.571	60	1276	42	51.9	158	454	825	-9999	-99.9	-99.9	-99.9
3000	-120.794	38.527	60	1276	60	56.8	158	527	478	-9999	-99.9	-99.9	-99.9
3001	-120.798	38.507	60	1276	68	59	158	502	332	617	0.2	-0.3	0.3
3002	-120.799	38.502	60	1276	70	59.6	158	502	516	-9999	-99.9	-99.9	-99.9
3003	-120.802	38.488	60	1276	76	61.2	158	458	446	-9999	-99.9	-99.9	-99.9

3004	-120.802	38.483	60	1276	78	61.8	158	458	481	-9999	-99.9	-99.9	-99.9
3005	-120.804	38.473	60	1276	82	62.9	158	425	422	-9999	-99.9	-99.9	-99.9
3006	-120.811	38.434	60	1276	98	67.3	158	394	440	-9999	-99.9	-99.9	-99.9
3007	-120.826	38.35	60	1276	132	76.6	158	374	517	-9999	-99.9	-99.9	-99.9
3008	-120.827	38.345	60	1276	134	77.1	158	374	505	-9999	-99.9	-99.9	-99.9
3009	-120.828	38.34	60	1276	136	77.7	158	338	428	-9999	-99.9	-99.9	-99.9
3010	-120.829	38.335	60	1276	138	78.2	158	338	372	423	0.4	-0.6	0.7
3011	-120.83	38.331	60	1276	140	78.8	158	289	269	366	0.8	-1.1	1.4
3012	-120.831	38.326	60	1276	142	79.3	158	289	269	349	0.8	-1.1	1.4
3013	-120.832	38.321	60	1276	144	79.9	158	268	282	303	0.5	-0.7	0.8
3014	-120.833	38.316	60	1276	146	80.4	158	268	265	-9999	-99.9	-99.9	-99.9
3015	-120.834	38.311	60	1276	148	81	158	283	211	-9999	-99.9	-99.9	-99.9
3016	-120.834	38.306	60	1276	150	81.5	158	283	214	-9999	-99.9	-99.9	-99.9
3017	-120.688	39.075	59	1278	348	7.2	158	891	3248	3509	2.1	-2.9	3.6
3018	-120.689	39.07	59	1278	350	6.8	158	891	3394	3772	3	-4.1	5.1
3019	-120.689	39.065	59	1278	352	6.5	158	855	3764	4348	4.6	-6.3	7.8
3020	-120.692	39.051	59	1278	358	5.7	158	832	3205	-9999	-99.9	-99.9	-99.9
3021	-120.695	39.036	59	1278	364	5.3	158	687	3255	-9999	-99.9	-99.9	-99.9
3022	-120.696	39.031	59	1278	366	5.2	158	687	3331	3246	0.1	-0.1	0.1
3023	-120.697	39.026	59	1278	368	5.3	158	744	3178	3238	1	-2.2	2.4
3024	-120.698	39.021	59	1278	370	5.3	158	744	2932	3192	2	-2.8	3.5
3025	-120.699	39.016	59	1278	372	5.5	158	697	2814	-9999	-99.9	-99.9	-99.9
3026	-120.699	39.012	59	1278	374	5.7	158	697	2717	3007	1.7	-2.4	3
3027	-120.7	39.007	59	1278	376	5.9	158	861	2733	2890	1.4	-2	2.5
3028	-120.701	39.002	59	1278	378	6.2	158	861	2681	-9999	-99.9	-99.9	-99.9
3029	-120.702	38.997	59	1278	380	6.5	158	757	2851	-9999	-99.9	-99.9	-99.9
3030	-120.703	38.992	59	1278	382	6.8	158	757	2064	-9999	-99.9	-99.9	-99.9
3031	-120.704	38.987	59	1278	384	7.2	158	655	2332	-9999	-99.9	-99.9	-99.9
3032	-120.705	38.982	59	1278	386	7.6	158	655	2199	2213	0.1	-0.2	0.2
3033	-120.706	38.977	59	1278	388	8	158	900	2158	2209	0.4	-0.6	0.7
3034	-120.71	38.953	59	1278	398	10.2	158	1130	2640	-9999	-99.9	-99.9	-99.9
3035	-120.711	38.948	59	1278	400	10.7	158	1138	2726	2866	1.1	-1.5	1.9
3036	-120.712	38.943	59	1278	402	11.2	158	1138	2625	2291	4.3	-6	7.4
3037	-120.713	38.938	59	1278	404	11.7	158	1127	2615	2839	1.6	-3.4	3.8
3038	-120.714	38.933	59	1278	406	12.2	158	1127	2736	2757	1.1	-1.5	1.8
3039	-120.715	38.928	59	1278	408	12.7	158	1091	2266	2615	2.8	-5.7	6.4
3040	-120.716	38.923	59	1278	410	13.2	158	1091	2844	2799	1.6	-0.2	1.6
3041	-120.717	38.918	59	1278	412	13.7	158	1073	2381	2908	2.9	-1.5	3.3
3042	-120.717	38.913	59	1278	414	14.2	158	1073	2434	2810	3.9	-5.4	6.7
3043	-120.718	38.909	59	1278	416	14.7	158	1074	2279	2404	1.4	-2	2.4
3044	-120.719	38.904	59	1278	418	15.2	158	1074	2267	2661	3.2	-4.5	5.5
3045	-120.72	38.899	59	1278	420	15.7	158	1027	2215	2712	3.5	-4.8	5.9
3046	-120.721	38.894	59	1278	422	16.3	158	1027	2150	2539	2.3	-3.2	3.9
3047	-120.726	38.864	59	1278	434	19.4	158	920	1100	-9999	-99.9	-99.9	-99.9
3048	-120.731	38.84	59	1278	444	22.1	158	796	1118	1507	3.1	-4.2	5.2
3049	-120.732	38.835	59	1278	446	22.6	158	796	1094	1618	4.3	-6	7.4
3050	-120.733	38.83	59	1278	448	23.1	158	785	1197	1938	5.5	-7.7	9.5
3051	-120.734	38.825	59	1278	450	23.7	158	785	1381	1933	4.5	-6.2	7.6
3052	-120.735	38.82	59	1278	452	24.2	158	787	1309	1977	4.6	-6.3	7.8
3053	-120.735	38.815	59	1278	454	24.8	158	787	1379	1935	4.5	-6.3	7.7
3054	-120.736	38.81	59	1278	456	25.3	158	738	1190	1750	4.2	-5.8	7.1
3055	-120.736	38.805	59	1278	458	25.8	158	738	1190	1750	4.2	-5.8	7.1

3055	-120.737	38.806	59	1278	458	25.8	158	738	1207	1851	4	-5.6	6.9
3056	-120.744	38.771	59	1278	472	29.6	158	625	940	-9999	-99.9	-99.9	-99.9
3057	-120.744	38.766	59	1278	474	30.2	158	625	873	-9999	-99.9	-99.9	-99.9
3058	-120.753	38.717	59	1278	494	35.6	158	689	961	1428	3.2	-4.4	5.5
3059	-120.754	38.712	59	1278	496	36.1	158	631	1064	1465	3.5	-4.8	5.9
3060	-120.755	38.708	59	1278	498	36.7	158	631	1078	1495	3.9	-5.5	6.7
3061	-120.756	38.703	59	1278	500	37.2	158	658	-9999	1339	3.6	-5	6.2
3062	-120.757	38.698	59	1278	502	37.8	158	658	-9999	1321	3.2	-4.4	5.5
3063	-120.76	38.683	59	1278	508	39.4	158	669	882	-9999	-99.9	-99.9	-99.9
3064	-120.761	38.678	59	1278	510	39.9	158	669	879	1344	3.5	-4.8	5.9
3065	-120.761	38.673	60	1278	0	40.5	158	684	917	1451	4.4	-6	7.5
3066	-120.762	38.668	60	1278	2	41	158	684	937	1207	2.3	-3.2	4
3067	-120.763	38.663	60	1278	4	41.6	158	681	964	1430	4.2	-5.8	7.2
3068	-120.764	38.658	60	1278	6	42.1	158	681	1000	1547	4.3	-5.9	7.3
3069	-120.765	38.654	60	1278	8	42.7	158	622	939	1578	4.3	-6	7.4
3070	-120.766	38.649	60	1278	10	43.2	158	622	975	1480	4	-5.5	6.8
3071	-120.767	38.644	60	1278	12	43.8	158	510	1021	1437	3.3	-4.6	5.7
3072	-120.768	38.639	60	1278	14	44.3	158	510	912	1407	4	-5.5	6.8
3073	-120.769	38.634	60	1278	16	44.9	158	435	944	1499	4.4	-6.2	7.6
3074	-120.769	38.629	60	1278	18	45.4	158	435	942	1431	4.1	-5.6	6.9
3075	-120.77	38.624	60	1278	20	45.9	158	511	831	1694	5.6	-7.7	9.5
3076	-120.772	38.614	60	1278	24	47	158	536	-9999	1521	4.5	-6.2	7.6
3077	-120.775	38.6	60	1278	30	48.7	158	492	1192	1493	2.5	-3.4	4.2
3078	-120.778	38.58	60	1278	38	50.9	158	481	1459	-9999	-99.9	-99.9	-99.9
3079	-120.798	38.472	60	1278	82	62.9	158	425	435	-9999	-99.9	-99.9	-99.9
3080	-120.802	38.448	60	1278	92	65.7	158	407	457	595	0.9	-1.2	1.5
3081	-120.803	38.443	60	1278	94	66.2	158	407	-9999	663	1	-1.4	1.7
3082	-120.804	38.438	60	1278	96	66.8	158	394	423	538	0.9	-1.3	1.6
3083	-120.805	38.433	60	1278	98	67.3	158	394	463	593	1.1	-1.5	1.8
3084	-120.821	38.345	60	1278	134	77.2	158	374	487	-9999	-99.9	-99.9	-99.9
3085	-120.822	38.34	60	1278	136	77.7	158	338	428	560	0.8	-1.1	1.3
3086	-120.823	38.335	60	1278	138	78.3	158	338	354	354	0.3	-0.5	0.6
3087	-120.824	38.33	60	1278	140	78.8	158	289	274	-9999	-99.9	-99.9	-99.9
3088	-120.825	38.325	60	1278	142	79.4	158	289	271	-9999	-99.9	-99.9	-99.9
3089	-120.826	38.32	60	1278	144	79.9	158	268	219	351	1	-1.3	1.7
3090	-120.826	38.315	60	1278	146	80.5	158	268	220	-9999	-99.9	-99.9	-99.9
3091	-120.827	38.31	60	1278	148	81	158	283	259	-9999	-99.9	-99.9	-99.9
3092	-120.828	38.305	60	1278	150	81.6	158	283	226	-9999	-99.9	-99.9	-99.9
3093	-120.829	38.3	60	1278	152	82.1	158	283	218	-9999	-99.9	-99.9	-99.9
3094	-120.833	38.276	60	1278	162	84.9	158	238	299	-9999	-99.9	-99.9	-99.9
3095	-120.681	39.075	59	1280	348	7.6	158	852	3212	3790	2.7	-3.7	4.6
3096	-120.682	39.07	59	1280	350	7.3	158	852	3326	-9999	-99.9	-99.9	-99.9
3097	-120.683	39.065	59	1280	352	6.9	158	751	3281	3772	3.9	-5.4	6.6
3098	-120.684	39.06	59	1280	354	6.7	158	751	3342	4035	4.5	-6.3	7.8
3099	-120.685	39.055	59	1280	356	6.4	158	677	3567	4017	3.5	-4.9	6
3100	-120.686	39.05	59	1280	358	6.2	158	677	3194	-9999	-99.9	-99.9	-99.9
3101	-120.689	39.035	59	1280	364	5.8	158	830	3260	-9999	-99.9	-99.9	-99.9
3102	-120.69	39.03	59	1280	366	5.8	158	830	3205	3562	2	-2.8	3.4
3103	-120.69	39.026	59	1280	368	5.8	158	746	3084	3303	1.7	-3	3.4
3104	-120.691	39.021	59	1280	370	5.9	158	746	2970	3330	2.8	-3.9	4.8
3105	-120.692	39.016	59	1280	372	6	158	785	2912	3227	2.4	-3.4	4.2

3106	-120.693	39.011	59	1280	374	6.2	158	785	2839	3075	1.8	-2.5	3.1
3107	-120.694	39.006	59	1280	376	6.4	158	866	2780	3069	2.2	-3.1	3.8
3108	-120.695	39.001	59	1280	378	6.7	158	866	2623	-9999	-99.9	-99.9	-99.9
3109	-120.696	38.996	59	1280	380	6.9	158	677	2408	-9999	-99.9	-99.9	-99.9
3110	-120.697	38.991	59	1280	382	7.3	158	677	2470	-9999	-99.9	-99.9	-99.9
3111	-120.698	38.986	59	1280	384	7.6	158	637	2318	2328	0.4	-0.6	0.8
3112	-120.699	38.981	59	1280	386	8	158	637	2223	2404	0.8	-1.2	1.4
3113	-120.699	38.977	59	1280	388	8.4	158	812	2090	2083	0	-0.1	0.1
3114	-120.704	38.952	59	1280	398	10.5	158	1118	2457	2969	2.6	-2.3	3.5
3115	-120.705	38.947	59	1280	400	11	158	1183	2631	2932	2.3	-3.2	4
3116	-120.706	38.942	59	1280	402	11.5	158	1183	2611	2973	2.8	-3.9	4.8
3117	-120.707	38.937	59	1280	404	11.9	158	1215	2552	2860	2.4	-3.4	4.1
3118	-120.708	38.932	59	1280	406	12.4	158	1215	2909	3333	3.5	-4.8	6
3119	-120.708	38.927	59	1280	408	12.9	158	1210	2740	2968	1.8	-2.5	3.1
3120	-120.709	38.923	59	1280	410	13.4	158	1210	2898	3275	2	-2.7	3.3
3121	-120.71	38.918	59	1280	412	13.9	158	1209	2880	3280	2.3	-3.2	3.9
3122	-120.711	38.913	59	1280	414	14.4	158	1209	2707	2927	1.2	-1.6	2
3123	-120.712	38.908	59	1280	416	14.9	158	1221	2631	2802	1.3	-1.9	2.3
3124	-120.713	38.903	59	1280	418	15.4	158	1221	2436	2907	3.4	-4.8	5.9
3125	-120.714	38.898	59	1280	420	15.9	158	1137	2298	2912	2.8	-3.8	4.7
3126	-120.715	38.893	59	1280	422	16.4	158	1137	2626	2498	0.4	-0.6	0.7
3127	-120.716	38.888	59	1280	424	17	158	1022	2681	-9999	-99.9	-99.9	-99.9
3128	-120.72	38.864	59	1280	434	19.6	158	926	1108	1245	1.1	-1.6	1.9
3129	-120.721	38.859	59	1280	436	20.1	158	893	2007	-9999	-99.9	-99.9	-99.9
3130	-120.723	38.849	59	1280	440	21.2	158	839	1045	-9999	-99.9	-99.9	-99.9
3131	-120.725	38.839	59	1280	444	22.2	158	831	1059	1342	2.3	-3.1	3.8
3132	-120.726	38.834	59	1280	446	22.7	158	831	1012	1502	3.8	-5.2	6.4
3133	-120.726	38.829	59	1280	448	23.3	158	864	1332	1987	4.3	-6	7.4
3134	-120.727	38.824	59	1280	450	23.8	158	864	1286	1848	4.1	-5.7	7
3135	-120.728	38.82	59	1280	452	24.3	158	829	1286	1815	4.2	-5.8	7.2
3136	-120.729	38.815	59	1280	454	24.9	158	829	1284	1815	4.2	-5.8	7.2
3137	-120.73	38.81	59	1280	456	25.4	158	786	1214	-9999	-99.9	-99.9	-99.9
3138	-120.735	38.785	59	1280	466	28.1	158	692	2005	-9999	-99.9	-99.9	-99.9
3139	-120.737	38.771	59	1280	472	29.7	158	678	1070	1506	3.6	-5	6.1
3140	-120.749	38.707	59	1280	498	36.8	158	680	1081	1437	3.7	-5.2	6.4
3141	-120.75	38.702	59	1280	500	37.3	158	725	989	1347	3.8	-5.3	6.5
3142	-120.751	38.697	59	1280	502	37.8	158	725	972	1264	3.5	-4.8	6
3143	-120.753	38.682	59	1280	508	39.5	158	696	950	1377	3.6	-5	6.2
3144	-120.754	38.677	59	1280	510	40	158	696	880	1378	3.9	-5.3	6.6
3145	-120.755	38.672	60	1280	0	40.6	158	688	906	1341	3.6	-5	6.1
3146	-120.756	38.668	60	1280	2	41.1	158	688	924	1361	3.5	-4.9	6
3147	-120.757	38.663	60	1280	4	41.7	158	638	949	1388	3.8	-5.2	6.4
3148	-120.758	38.658	60	1280	6	42.2	158	638	1029	1540	4	-5.6	6.9
3149	-120.759	38.653	60	1280	8	42.7	158	519	958	1689	4.7	-6.5	8
3150	-120.76	38.648	60	1280	10	43.3	158	519	939	1556	4.3	-5.9	7.3
3151	-120.761	38.643	60	1280	12	43.8	158	438	1007	1475	3.7	-5.1	6.3
3152	-120.761	38.638	60	1280	14	44.4	158	438	904	1486	4.1	-5.7	7.1
3153	-120.762	38.633	60	1280	16	44.9	158	505	947	1527	4.3	-5.9	7.3
3154	-120.763	38.628	60	1280	18	45.5	158	505	1222	1418	3.8	-5.3	6.6
3155	-120.764	38.623	60	1280	20	46	158	555	816	1834	5.8	-8.1	10
3156	-120.765	38.619	60	1280	22	46.6	158	555	938	-9999	-99.9	-99.9	-99.9



3157	-120.766	38.614	60	1280	24	47.1	158	506	1114	1577	4.2	-5.8	7.1
3158	-120.767	38.609	60	1280	26	47.7	158	506	1128	-9999	-99.9	-99.9	-99.9
3159	-120.768	38.604	60	1280	28	48.2	158	519	1153	-9999	-99.9	-99.9	-99.9
3160	-120.77	38.589	60	1280	34	49.8	158	526	1085	-9999	-99.9	-99.9	-99.9
3161	-120.783	38.52	60	1280	62	57.5	158	555	549	-9999	-99.9	-99.9	-99.9
3162	-120.816	38.339	60	1280	136	77.8	158	335	339	-9999	-99.9	-99.9	-99.9
3163	-120.817	38.334	60	1280	138	78.3	158	335	325	-9999	-99.9	-99.9	-99.9
3164	-120.818	38.329	60	1280	140	78.9	158	282	574	-9999	-99.9	-99.9	-99.9
3165	-120.818	38.324	60	1280	142	79.4	158	282	326	-9999	-99.9	-99.9	-99.9
3166	-120.819	38.319	60	1280	144	80	158	297	240	326	1.1	-1.5	1.8
3167	-120.822	38.305	60	1280	150	81.6	158	275	278	-9999	-99.9	-99.9	-99.9
3168	-120.823	38.3	60	1280	152	82.2	158	248	327	-9999	-99.9	-99.9	-99.9
3169	-120.826	38.28	60	1280	160	84.3	158	216	340	-9999	-99.9	-99.9	-99.9
3170	-120.827	38.275	60	1280	162	84.9	158	216	272	-9999	-99.9	-99.9	-99.9
3171	-120.828	38.27	60	1280	164	85.4	158	246	270	-9999	-99.9	-99.9	-99.9
3172	-120.829	38.265	60	1280	166	86	158	246	269	360	0.7	-0.9	1.1
3173	-120.674	39.079	59	1282	346	8.4	158	1041	2750	-9999	-99.9	-99.9	-99.9
3174	-120.675	39.074	59	1282	348	8	158	852	3620	3832	2.3	-5	5.5
3175	-120.676	39.069	59	1282	350	7.7	158	852	3303	3705	3.2	-4.4	5.4
3176	-120.677	39.064	59	1282	352	7.4	158	751	3243	-9999	-99.9	-99.9	-99.9
3177	-120.678	39.059	59	1282	354	7.1	158	751	3220	-9999	-99.9	-99.9	-99.9
3178	-120.679	39.054	59	1282	356	6.9	158	677	3338	-9999	-99.9	-99.9	-99.9
3179	-120.68	39.049	59	1282	358	6.7	158	677	2743	-9999	-99.9	-99.9	-99.9
3180	-120.682	39.035	59	1282	364	6.3	158	830	3257	3625	1.8	-2.6	3.2
3181	-120.683	39.03	59	1282	366	6.3	158	830	3168	3205	1.8	-2.4	3
3182	-120.684	39.025	59	1282	368	6.3	158	746	2975	3106	1	-0.2	1
3183	-120.685	39.02	59	1282	370	6.4	158	746	2883	-9999	-99.9	-99.9	-99.9
3184	-120.686	39.015	59	1282	372	6.5	158	785	2878	-9999	-99.9	-99.9	-99.9
3185	-120.687	39.01	59	1282	374	6.7	158	785	2872	-9999	-99.9	-99.9	-99.9
3186	-120.688	39.005	59	1282	376	6.9	158	866	2805	2933	1	-1.4	1.7
3187	-120.689	39	59	1282	378	7.1	158	866	2739	-9999	-99.9	-99.9	-99.9
3188	-120.69	38.991	59	1282	382	7.7	158	677	2157	-9999	-99.9	-99.9	-99.9
3189	-120.691	38.986	59	1282	384	8	158	637	2372	2332	0.1	-0.2	0.2
3190	-120.692	38.981	59	1282	386	8.4	158	637	2252	-9999	-99.9	-99.9	-99.9
3191	-120.693	38.976	59	1282	388	8.8	158	812	2230	-9999	-99.9	-99.9	-99.9
3192	-120.694	38.971	59	1282	390	9.1	158	812	2650	2732	1.7	-2.3	2.9
3193	-120.695	38.966	59	1282	392	9.5	158	996	2908	3084	1.1	-1.5	1.9
3194	-120.696	38.961	59	1282	394	10	158	996	3168	3477	3	-4.1	5.1
3195	-120.697	38.956	59	1282	396	10.4	158	1118	3089	-9999	-99.9	-99.9	-99.9
3196	-120.698	38.951	59	1282	398	10.8	158	1118	2938	2839	1.8	-2.5	3
3197	-120.699	38.946	59	1282	400	11.3	158	1183	2292	2719	3.5	-3.1	4.7
3198	-120.7	38.941	59	1282	402	11.7	158	1183	2610	2938	2.4	-3.4	4.1
3199	-120.7	38.937	59	1282	404	12.2	158	1215	2681	2911	2.2	-3	3.7
3200	-120.701	38.932	59	1282	406	12.7	158	1215	2971	3269	2.9	-4	4.9
3201	-120.702	38.927	59	1282	408	13.2	158	1210	2759	2897	0.9	-1.2	1.5
3202	-120.703	38.922	59	1282	410	13.7	158	1210	2896	2987	1.2	-1.7	2.1
3203	-120.704	38.917	59	1282	412	14.1	158	1209	2736	3024	1.5	-2.1	2.6
3204	-120.705	38.912	59	1282	414	14.6	158	1209	2674	2805	1.3	-1.8	2.3
3205	-120.706	38.907	59	1282	416	15.1	158	1221	2747	2949	1.8	-2.5	3.1
3206	-120.707	38.902	59	1282	418	15.6	158	1221	2674	2823	1.6	-2.3	2.8
3207	-120.708	38.897	59	1282	420	16.1	158	1137	2463	2750	2.2	-1.2	2.5



3259	-120.679	39.019	59	1284	370	7	158	744	2826	3008	1.4	-2	2.4
3260	-120.684	38.99	59	1284	382	8.2	158	706	2030	-9999	-99.9	-99.9	-99.9
3261	-120.685	38.985	59	1284	384	8.5	158	689	2361	-9999	-99.9	-99.9	-99.9
3262	-120.686	38.98	59	1284	386	8.8	158	689	2230	2250	0.5	-0.6	0.8
3263	-120.687	38.975	59	1284	388	9.2	158	701	2270	2350	0.3	-0.4	0.5
3264	-120.688	38.97	59	1284	390	9.5	158	701	2362	2899	2.3	-3.3	4
3265	-120.689	38.965	59	1284	392	9.9	158	754	2911	3227	2.5	-3.5	4.3
3266	-120.69	38.96	59	1284	394	10.3	158	754	3047	3473	3.4	-4.7	5.8
3267	-120.691	38.955	59	1284	396	10.7	158	922	2977	-9999	-99.9	-99.9	-99.9
3268	-120.691	38.951	59	1284	398	11.2	158	922	2770	3262	2.6	-3.6	4.4
3269	-120.692	38.946	59	1284	400	11.6	158	1060	2607	2788	2.3	-3.2	3.9
3270	-120.693	38.941	59	1284	402	12.1	158	1060	2757	2859	1.9	-2.7	3.3
3271	-120.694	38.936	59	1284	404	12.5	158	1153	2654	2862	1.8	-2.5	3.1
3272	-120.695	38.931	59	1284	406	13	158	1153	2838	3376	3.3	-4.6	5.7
3273	-120.696	38.926	59	1284	408	13.4	158	1205	2664	2794	1.1	-1.5	1.8
3274	-120.697	38.921	59	1284	410	13.9	158	1205	2869	3188	2.6	-3.6	4.5
3275	-120.698	38.916	59	1284	412	14.4	158	1242	2669	2991	2.1	-2.8	3.5
3276	-120.699	38.911	59	1284	414	14.9	158	1242	2668	2639	0.6	-0.8	1
3277	-120.7	38.906	59	1284	416	15.4	158	1254	2649	2989	2	-2.8	3.4
3278	-120.7	38.902	59	1284	418	15.9	158	1254	2254	2661	1.3	-1.8	2.2
3279	-120.701	38.897	59	1284	420	16.4	158	1182	2576	2691	0.9	-1.3	1.5
3280	-120.702	38.892	59	1284	422	16.9	158	1182	2874	2993	0.9	-1.3	1.6
3281	-120.703	38.887	59	1284	424	17.4	158	1064	2879	2947	0.6	-0.8	1
3282	-120.704	38.882	59	1284	426	17.9	158	1064	2873	2881	0.1	-0.1	0.2
3283	-120.706	38.872	59	1284	430	18.9	158	978	2348	2207	5.1	-7	8.7
3284	-120.707	38.867	59	1284	432	19.4	158	921	1814	2348	3.5	-4.8	6
3285	-120.708	38.862	59	1284	434	19.9	158	921	2087	2345	3.4	-4.7	5.8
3286	-120.709	38.857	59	1284	436	20.4	158	886	1663	2206	4.4	-6.2	7.6
3287	-120.712	38.838	59	1284	444	22.5	158	914	1040	1057	0.1	-0.2	0.2
3288	-120.713	38.833	59	1284	446	23	158	914	-9999	1069	0.9	-1.2	1.5
3289	-120.714	38.828	59	1284	448	23.6	158	901	1793	-9999	-99.9	-99.9	-99.9
3290	-120.715	38.823	59	1284	450	24.1	158	901	1584	1914	3.8	-4	5.5
3291	-120.716	38.818	59	1284	452	24.6	158	870	1163	1603	3.3	-4.6	5.7
3292	-120.717	38.813	59	1284	454	25.2	158	870	1521	1997	3.8	-5.3	6.6
3293	-120.718	38.808	59	1284	456	25.7	158	854	1084	1295	1.7	-2.4	2.9
3294	-120.718	38.803	59	1284	458	26.2	158	854	1297	1845	4.5	-6.2	7.6
3295	-120.72	38.794	59	1284	462	27.3	158	827	1246	1919	3.8	-5.2	6.5
3296	-120.721	38.789	59	1284	464	27.8	158	728	1658	1841	3.6	-5	6.1
3297	-120.722	38.784	59	1284	466	28.3	158	728	1871	2364	4	-5.6	6.9
3298	-120.723	38.779	59	1284	468	28.9	158	668	1677	2267	4.8	-6.7	8.3
3299	-120.724	38.774	59	1284	470	29.4	158	668	1589	1906	3.6	-4.9	6.1
3300	-120.73	38.74	59	1284	484	33.2	158	803	893	911	0.3	-0.4	0.5
3301	-120.741	38.681	59	1284	508	39.7	158	724	1004	1430	3.6	-5	6.2
3302	-120.742	38.676	59	1284	510	40.2	158	724	913	1397	3.7	-5.1	6.2
3303	-120.743	38.671	60	1284	0	40.7	158	676	952	1335	3.4	-4.8	5.9
3304	-120.744	38.666	60	1284	2	41.3	158	676	929	1338	3.5	-4.8	6
3305	-120.744	38.661	60	1284	4	41.8	158	557	919	1354	3.8	-5.2	6.4
3306	-120.745	38.656	60	1284	6	42.4	158	557	952	1475	4.2	-5.9	7.3
3307	-120.746	38.651	60	1284	8	42.9	158	470	958	1620	4.4	-6.1	7.6
3308	-120.747	38.647	60	1284	10	43.4	158	470	977	1563	4.8	-6.6	8.1
3309	-120.748	38.642	60	1284	12	44	158	532	1020	1686	4.8	-6.6	8.2



3361	-120.71	38.813	59	1286	454	25.3	158	870	1672	-9999	-99.9	-99.9	-99.9
3362	-120.711	38.808	59	1286	456	25.8	158	854	1295	1551	2.1	-2.9	3.6
3363	-120.712	38.803	59	1286	458	26.4	158	854	1289	-9999	-99.9	-99.9	-99.9
3364	-120.713	38.798	59	1286	460	26.9	158	827	1223	-9999	-99.9	-99.9	-99.9
3365	-120.715	38.788	59	1286	464	28	158	728	1208	1760	3.2	-4.4	5.4
3366	-120.716	38.783	59	1286	466	28.5	158	728	1718	2114	3.3	-4.6	5.6
3367	-120.718	38.773	59	1286	470	29.5	158	668	1579	2116	4.4	-6.1	7.6
3368	-120.724	38.739	59	1286	484	33.3	158	803	911	926	0.1	-0.2	0.2
3369	-120.726	38.729	59	1286	488	34.4	158	709	1429	-9999	-99.9	-99.9	-99.9
3370	-120.736	38.675	59	1286	510	40.3	158	724	882	1298	3.4	-4.7	5.8
3371	-120.736	38.67	60	1286	0	40.8	158	676	936	1292	3	-4.2	5.2
3372	-120.737	38.665	60	1286	2	41.4	158	676	920	1316	3.3	-4.5	5.6
3373	-120.738	38.661	60	1286	4	41.9	158	557	901	1284	3.4	-4.8	5.9
3374	-120.739	38.656	60	1286	6	42.5	158	557	877	1327	3.8	-5.3	6.5
3375	-120.74	38.651	60	1286	8	43	158	470	985	1333	2.8	-3.9	4.8
3376	-120.741	38.646	60	1286	10	43.5	158	470	998	1464	3.9	-5.4	6.7
3377	-120.742	38.641	60	1286	12	44.1	158	532	1091	1579	4.4	-6.2	7.6
3378	-120.743	38.636	60	1286	14	44.6	158	532	1064	1620	4	-5.5	6.8
3379	-120.744	38.631	60	1286	16	45.2	158	590	1087	1644	4.1	-5.7	7
3380	-120.744	38.626	60	1286	18	45.7	158	590	1075	1737	4.9	-6.8	8.4
3381	-120.745	38.621	60	1286	20	46.3	158	559	1002	1702	4.9	-6.8	8.4
3382	-120.746	38.616	60	1286	22	46.8	158	559	1002	1642	5.1	-7.1	8.7
3383	-120.747	38.612	60	1286	24	47.3	158	529	1120	1616	4	-5.6	6.9
3384	-120.754	38.572	60	1286	40	51.7	158	542	726	-9999	-99.9	-99.9	-99.9
3385	-120.797	38.337	60	1286	136	77.9	158	376	300	542	1.8	-2.5	3.1
3386	-120.798	38.332	60	1286	138	78.5	158	376	284	-9999	-99.9	-99.9	-99.9
3387	-120.799	38.327	60	1286	140	79	158	346	225	-9999	-99.9	-99.9	-99.9
3388	-120.802	38.307	60	1286	148	81.2	158	295	282	298	0.1	-0.2	0.2
3389	-120.803	38.303	60	1286	150	81.7	158	295	489	-9999	-99.9	-99.9	-99.9
3390	-120.804	38.298	60	1286	152	82.3	158	240	248	-9999	-99.9	-99.9	-99.9
3391	-120.654	39.082	59	1288	344	10	158	1055	1372	-9999	-99.9	-99.9	-99.9
3392	-120.656	39.072	59	1288	348	9.4	158	1124	3676	-9999	-99.9	-99.9	-99.9
3393	-120.657	39.067	59	1288	350	9.1	158	1124	3618	3774	1.2	-1.7	2.1
3394	-120.658	39.062	59	1288	352	8.9	158	1174	3686	3997	1.4	-3.1	3.4
3395	-120.659	39.057	59	1288	354	8.6	158	1174	3726	4037	1.6	-3.1	3.5
3396	-120.66	39.052	59	1288	356	8.4	158	1029	3862	3995	0.9	-1.3	1.6
3397	-120.661	39.047	59	1288	358	8.3	158	1029	3506	3850	1.6	-2.2	2.7
3398	-120.662	39.042	59	1288	360	8.1	158	891	3163	3572	3.2	-4.4	5.4
3399	-120.663	39.037	59	1288	362	8.1	158	891	3088	3473	3	-4.2	5.1
3400	-120.663	39.033	59	1288	364	8	158	737	3351	3646	3.5	-4.9	6.1
3401	-120.664	39.028	59	1288	366	8	158	737	3175	3496	2.5	-3.5	4.3
3402	-120.665	39.023	59	1288	368	8	158	731	3211	3514	2.3	-3.2	4
3403	-120.666	39.018	59	1288	370	8.1	158	731	3016	3236	1.7	-2.4	3
3404	-120.667	39.013	59	1288	372	8.1	158	999	3123	3521	3.1	-4.3	5.3
3405	-120.668	39.008	59	1288	374	8.3	158	999	3121	3484	2.8	-3.9	4.8
3406	-120.669	39.003	59	1288	376	8.4	158	1071	3125	3545	3.3	-4.5	5.6
3407	-120.671	38.993	59	1288	380	8.9	158	831	2511	2824	2.5	-3.4	4.2
3408	-120.672	38.988	59	1288	382	9.1	158	831	2480	2710	2.2	-3.1	3.8
3409	-120.673	38.983	59	1288	384	9.4	158	847	2377	2612	1.7	-2.9	3.4
3410	-120.673	38.979	59	1288	386	9.7	158	847	2430	2646	1.7	-2.5	3
3411	-120.674	38.974	59	1288	388	10	158	832	2504	2788	2.3	-3.1	3.9



3463	-120.747	38.576	60	1288	38	51.2	158	583	598	-9999	-99.9	-99.9	-99.9
3464	-120.791	38.336	60	1288	136	78	158	453	308	-9999	-99.9	-99.9	-99.9
3465	-120.792	38.331	60	1288	138	78.5	158	453	237	-9999	-99.9	-99.9	-99.9
3466	-120.794	38.321	60	1288	142	79.6	158	414	-9999	438	0.2	-0.2	0.3
3467	-120.798	38.297	60	1288	152	82.3	158	280	313	-9999	-99.9	-99.9	-99.9
3468	-120.8	38.287	60	1288	156	83.4	158	249	200	312	0.9	-1.2	1.5
3469	-120.801	38.277	60	1288	160	84.5	158	296	250	379	0.8	-1.1	1.4
3470	-120.803	38.268	60	1288	164	85.6	158	306	354	372	0.2	-0.2	0.3
3471	-120.651	39.066	59	1290	350	9.6	158	1124	3692	4311	4.9	-6.8	8.4
3472	-120.652	39.061	59	1290	352	9.4	158	1174	3776	4299	4.1	-5.7	7
3473	-120.653	39.056	59	1290	354	9.1	158	1174	3739	4077	2.7	-3.8	4.6
3474	-120.654	39.051	59	1290	356	9	158	1029	3876	4059	1.9	-2.6	3.2
3475	-120.654	39.047	59	1290	358	8.8	158	1029	3627	4046	1.8	-2.5	3.1
3476	-120.655	39.042	59	1290	360	8.7	158	891	2810	3804	3	-4.1	5.1
3477	-120.656	39.037	59	1290	362	8.6	158	891	3121	3486	2.9	-4	4.9
3478	-120.657	39.032	59	1290	364	8.5	158	737	3138	3588	3.4	-4.7	5.8
3479	-120.658	39.027	59	1290	366	8.5	158	737	3126	3460	3	-4.1	5.1
3480	-120.659	39.022	59	1290	368	8.5	158	731	2996	3444	3.3	-4.6	5.7
3481	-120.66	39.017	59	1290	370	8.6	158	731	3061	3519	3	-4.1	5.1
3482	-120.661	39.012	59	1290	372	8.7	158	999	3088	3509	3.3	-4.5	5.6
3483	-120.662	39.007	59	1290	374	8.8	158	999	3123	3475	2.7	-3.8	4.7
3484	-120.663	39.002	59	1290	376	9	158	1071	3054	3510	3.4	-4.7	5.8
3485	-120.664	38.998	59	1290	378	9.1	158	1071	2684	3100	3.2	-4.5	5.6
3486	-120.664	38.993	59	1290	380	9.4	158	831	2722	3059	2.6	-3.7	4.5
3487	-120.665	38.988	59	1290	382	9.6	158	831	2508	2987	2.7	-3.7	4.6
3488	-120.666	38.983	59	1290	384	9.9	158	847	2510	2719	2.6	-3.7	4.5
3489	-120.667	38.978	59	1290	386	10.1	158	847	2380	2540	1.2	-1.7	2.1
3490	-120.668	38.973	59	1290	388	10.5	158	832	2490	2825	1.8	-2.5	3.1
3491	-120.669	38.968	59	1290	390	10.8	158	832	2321	2653	1.8	-2.4	3
3492	-120.67	38.963	59	1290	392	11.1	158	749	2406	2531	1	-1.4	1.7
3493	-120.671	38.958	59	1290	394	11.5	158	749	2470	2697	1.7	-2.4	3
3494	-120.672	38.953	59	1290	396	11.9	158	935	2372	2703	2.2	-3	3.7
3495	-120.673	38.948	59	1290	398	12.3	158	935	2335	2654	2.1	-2.9	3.6
3496	-120.673	38.944	59	1290	400	12.7	158	1059	2381	2885	2.7	-3.8	4.6
3497	-120.674	38.939	59	1290	402	13.1	158	1059	2468	3072	2.6	-3.6	4.4
3498	-120.675	38.934	59	1290	404	13.5	158	1133	2556	2916	2.8	-3.9	4.8
3499	-120.676	38.929	59	1290	406	13.9	158	1133	2681	2760	1.8	-2.6	3.2
3500	-120.677	38.924	59	1290	408	14.4	158	1209	2525	2744	1.8	-2.5	3
3501	-120.678	38.919	59	1290	410	14.8	158	1209	2553	2850	1.9	-2.7	3.3
3502	-120.679	38.914	59	1290	412	15.3	158	1230	2540	2889	3	-4.1	5.1
3503	-120.68	38.909	59	1290	414	15.7	158	1230	2571	2554	0.4	-0.5	0.7
3504	-120.681	38.904	59	1290	416	16.2	158	1206	2117	-9999	-99.9	-99.9	-99.9
3505	-120.682	38.899	59	1290	418	16.6	158	1206	2878	3647	6.6	-9.1	11.2
3506	-120.683	38.895	59	1290	420	17.1	158	1144	2178	-9999	-99.9	-99.9	-99.9
3507	-120.684	38.885	59	1290	424	18.1	158	1076	2703	2776	0.6	-0.8	1
3508	-120.685	38.88	59	1290	426	18.6	158	1076	2855	3060	1.1	-1.5	1.8
3509	-120.686	38.875	59	1290	428	19.1	158	1038	2768	2994	2.3	-3.2	3.9
3510	-120.687	38.87	59	1290	430	19.6	158	1038	2726	2941	1.7	-2.4	2.9
3511	-120.688	38.865	59	1290	432	20.1	158	997	2324	2885	2.1	-2.9	3.6
3512	-120.689	38.86	59	1290	434	20.6	158	997	1907	2225	2.5	-3.5	4.3
3513	-120.69	38.855	59	1290	436	21.1	158	974	1979	2216	1.9	-2.7	3.3





3565	-120.657	38.997	59	1292	378	9.7	158	1140	2756	3170	3.2	-4.5	5.5
3566	-120.658	38.992	59	1292	380	9.9	158	904	2801	3207	3.2	-4.4	5.4
3567	-120.659	38.987	59	1292	382	10.1	158	904	2764	3153	3.4	-4.6	5.7
3568	-120.66	38.982	59	1292	384	10.3	158	983	2703	3133	3.8	-5.3	6.6
3569	-120.662	38.972	59	1292	388	10.9	158	1056	2660	3023	2.9	-4	4.9
3570	-120.663	38.967	59	1292	390	11.2	158	1056	2492	2828	2.7	-3.7	4.6
3571	-120.664	38.958	59	1292	394	11.9	158	821	2545	2787	2.1	-2.9	3.5
3572	-120.665	38.953	59	1292	396	12.3	158	891	2434	2712	2	-2.8	3.5
3573	-120.666	38.948	59	1292	398	12.6	158	891	2345	2620	2.5	-3.5	4.3
3574	-120.667	38.943	59	1292	400	13	158	1097	2674	3011	3.3	-4.6	5.7
3575	-120.668	38.938	59	1292	402	13.4	158	1097	2752	2832	2.7	-3.7	4.6
3576	-120.669	38.933	59	1292	404	13.8	158	1204	2309	2661	2.8	-3.9	4.8
3577	-120.67	38.928	59	1292	406	14.3	158	1204	2776	3037	2.9	-4	4.9
3578	-120.671	38.923	59	1292	408	14.7	158	1288	2496	2815	2.7	-4.7	5.4
3579	-120.672	38.918	59	1292	410	15.1	158	1288	2619	2927	2.5	-3.5	4.3
3580	-120.673	38.913	59	1292	412	15.6	158	1315	2539	2796	2.7	-3.7	4.5
3581	-120.674	38.909	59	1292	414	16	158	1315	2556	2651	1.2	-1.7	2.1
3582	-120.674	38.904	59	1292	416	16.5	158	1280	2538	2685	1.2	-1.7	2.1
3583	-120.675	38.899	59	1292	418	16.9	158	1280	2797	2832	1.3	-1.8	2.3
3584	-120.676	38.894	59	1292	420	17.4	158	1216	2535	-9999	-99.9	-99.9	-99.9
3585	-120.677	38.889	59	1292	422	17.9	158	1216	2513	-9999	-99.9	-99.9	-99.9
3586	-120.678	38.884	59	1292	424	18.4	158	1159	2560	-9999	-99.9	-99.9	-99.9
3587	-120.679	38.879	59	1292	426	18.8	158	1159	2663	-9999	-99.9	-99.9	-99.9
3588	-120.68	38.874	59	1292	428	19.3	158	1123	2734	-9999	-99.9	-99.9	-99.9
3589	-120.681	38.869	59	1292	430	19.8	158	1123	2749	-9999	-99.9	-99.9	-99.9
3590	-120.682	38.864	59	1292	432	20.3	158	1074	2672	2998	2.6	-3.7	4.5
3591	-120.683	38.86	59	1292	434	20.8	158	1074	2256	-9999	-99.9	-99.9	-99.9
3592	-120.683	38.855	59	1292	436	21.3	158	1050	1996	2106	0.2	-0.3	0.3
3593	-120.687	38.835	59	1292	444	23.3	158	1027	2481	3414	7.7	-10.7	13.2
3594	-120.689	38.825	59	1292	448	24.3	158	1044	1701	-9999	-99.9	-99.9	-99.9
3595	-120.69	38.82	59	1292	450	24.8	158	1044	2130	-9999	-99.9	-99.9	-99.9
3596	-120.692	38.806	59	1292	456	26.4	158	859	1697	-9999	-99.9	-99.9	-99.9
3597	-120.695	38.791	59	1292	462	27.9	158	758	1769	-9999	-99.9	-99.9	-99.9
3598	-120.706	38.732	59	1292	486	34.2	158	847	955	971	0.1	-0.1	0.2
3599	-120.719	38.663	60	1292	2	41.7	158	678	814	1286	3.7	-5.1	6.3
3600	-120.719	38.658	60	1292	4	42.2	158	591	954	1180	1.8	-2.5	3
3601	-120.72	38.654	60	1292	6	42.8	158	591	964	1225	2.6	-4.5	5.2
3602	-120.721	38.649	60	1292	8	43.3	158	564	1262	1429	2.9	-4	5
3603	-120.722	38.644	60	1292	10	43.8	158	564	1159	1587	3.4	-4.7	5.8
3604	-120.723	38.639	60	1292	12	44.4	158	615	949	1820	5	-7	8.6
3605	-120.724	38.634	60	1292	14	44.9	158	615	1249	1775	4.4	-6.1	7.5
3606	-120.725	38.629	60	1292	16	45.5	158	598	1322	1953	4.8	-6.7	8.2
3607	-120.726	38.624	60	1292	18	46	158	598	1264	1967	5.4	-7.4	9.2
3608	-120.727	38.619	60	1292	20	46.5	158	585	1118	1661	4.4	-6.1	7.5
3609	-120.73	38.6	60	1292	28	48.7	158	617	924	1272	3.5	-4.8	6
3610	-120.731	38.595	60	1292	30	49.2	158	617	912	1375	3.7	-5.1	6.3
3611	-120.732	38.59	60	1292	32	49.8	158	629	900	1362	3.7	-5.1	6.3
3612	-120.733	38.585	60	1292	34	50.3	158	629	905	1391	3.9	-5.4	6.6
3613	-120.734	38.58	60	1292	36	50.9	158	651	910	1218	2.9	-4	5
3614	-120.735	38.575	60	1292	38	51.4	158	651	661	1031	2.8	-3.9	4.8
3615	-120.781	38.32	60	1292	142	79.7	158	435	420	-9999	-99.9	-99.9	-99.9



3667	-120.688	38.795	59	1294	460	27.6	158	758	1782	2609	6.1	-8.4	10.4
3668	-120.691	38.78	59	1294	466	29.1	158	736	1187	-9999	-99.9	-99.9	-99.9
3669	-120.692	38.775	59	1294	468	29.7	158	731	1031	-9999	-99.9	-99.9	-99.9
3670	-120.7	38.731	59	1294	486	34.4	158	847	958	1028	0.5	-0.7	0.9
3671	-120.714	38.653	60	1294	6	42.9	158	591	921	1311	3.1	-4.3	5.3
3672	-120.715	38.648	60	1294	8	43.4	158	564	1055	1408	3.2	-4.5	5.5
3673	-120.716	38.643	60	1294	10	44	158	564	1106	1585	3.8	-5.2	6.5
3674	-120.717	38.638	60	1294	12	44.5	158	615	1151	1684	4.2	-5.8	7.2
3675	-120.718	38.633	60	1294	14	45	158	615	1250	1830	4.5	-6.3	7.8
3676	-120.719	38.628	60	1294	16	45.6	158	598	1113	1731	4.6	-6.4	7.8
3677	-120.719	38.623	60	1294	18	46.1	158	598	1247	1893	5	-7	8.6
3678	-120.72	38.619	60	1294	20	46.7	158	585	1235	1955	4.7	-6.5	8
3679	-120.725	38.594	60	1294	30	49.3	158	617	972	1372	3.5	-4.8	5.9
3680	-120.726	38.589	60	1294	32	49.9	158	629	982	1385	3.4	-4.8	5.9
3681	-120.727	38.584	60	1294	34	50.4	158	629	960	-9999	-99.9	-99.9	-99.9
3682	-120.775	38.319	60	1294	142	79.8	158	435	447	-9999	-99.9	-99.9	-99.9
3683	-120.776	38.314	60	1294	144	80.3	158	428	427	-9999	-99.9	-99.9	-99.9
3684	-120.777	38.31	60	1294	146	80.9	158	428	428	-9999	-99.9	-99.9	-99.9
3685	-120.777	38.305	60	1294	148	81.4	158	392	432	433	0.2	-0.3	0.4
3686	-120.779	38.295	60	1294	152	82.5	158	313	362	-9999	-99.9	-99.9	-99.9
3687	-120.78	38.29	60	1294	154	83.1	158	313	305	-9999	-99.9	-99.9	-99.9
3688	-120.781	38.285	60	1294	156	83.6	158	310	341	373	0.2	-0.3	0.4
3689	-120.782	38.28	60	1294	158	84.2	158	310	341	-9999	-99.9	-99.9	-99.9
3690	-120.783	38.275	60	1294	160	84.7	158	367	370	-9999	-99.9	-99.9	-99.9
3691	-120.627	39.093	59	1296	338	12.8	158	1266	5001	-9999	-99.9	-99.9	-99.9
3692	-120.628	39.084	59	1296	342	12.1	158	1332	3995	-9999	-99.9	-99.9	-99.9
3693	-120.629	39.079	59	1296	344	11.8	158	1358	4013	4630	4.9	-6.7	8.3
3694	-120.63	39.074	59	1296	346	11.6	158	1358	3629	4039	3.5	-4.9	6
3695	-120.631	39.069	59	1296	348	11.3	158	1334	3657	4303	3.9	-5.4	6.7
3696	-120.632	39.064	59	1296	350	11.1	158	1334	3495	4139	4.5	-6.2	7.6
3697	-120.633	39.059	59	1296	352	10.9	158	1268	3649	4064	3.3	-4.6	5.7
3698	-120.634	39.054	59	1296	354	10.7	158	1268	3663	4177	2.8	-3.9	4.8
3699	-120.635	39.049	59	1296	356	10.5	158	906	3941	3999	1.9	-2.6	3.3
3700	-120.636	39.044	59	1296	358	10.4	158	906	3472	3909	2	-2.8	3.4
3701	-120.637	39.04	59	1296	360	10.3	158	949	3658	3852	2.2	-3	3.7
3702	-120.637	39.035	59	1296	362	10.2	158	949	3489	3860	2.9	-4	5
3703	-120.638	39.03	59	1296	364	10.2	158	1133	3207	3759	4.2	-5.9	7.2
3704	-120.639	39.025	59	1296	366	10.2	158	1133	3090	3637	3.4	-4.7	5.8
3705	-120.64	39.02	59	1296	368	10.2	158	1145	2960	3410	3.6	-5	6.1
3706	-120.641	39.015	59	1296	370	10.2	158	1145	3127	3570	3.5	-4.9	6
3707	-120.642	39.01	59	1296	372	10.3	158	1127	3110	3588	3.8	-5.3	6.5
3708	-120.643	39.005	59	1296	374	10.4	158	1127	3016	3439	3.3	-4.6	5.6
3709	-120.644	39	59	1296	376	10.5	158	1185	2982	3424	3.5	-4.9	6
3710	-120.645	38.995	59	1296	378	10.7	158	1185	2881	3251	3.5	-4.9	6
3711	-120.646	38.99	59	1296	380	10.9	158	953	2781	3185	2.9	-4	5
3712	-120.646	38.986	59	1296	382	11.1	158	953	2811	3209	2.8	-3.8	4.7
3713	-120.647	38.981	59	1296	384	11.3	158	1051	2684	3183	3.6	-5	6.2
3714	-120.651	38.961	59	1296	392	12.4	158	1018	2657	2929	2.1	-3	3.6
3715	-120.652	38.956	59	1296	394	12.8	158	1018	2748	3206	3.7	-5.1	6.3
3716	-120.653	38.951	59	1296	396	13.1	158	780	2502	2934	2.9	-4	5
3717	-120.654	38.946	59	1296	398	13.5	158	780	2540	2990	3.2	-4.5	5.5

3718	-120.655	38.941	59	1296	400	13.8	158	1106	2582	2966	3.3	-4.6	5.7
3719	-120.656	38.937	59	1296	402	14.2	158	1106	2375	2782	3.3	-4.5	5.6
3720	-120.656	38.932	59	1296	404	14.6	158	1203	2474	3136	4.3	-6	7.4
3721	-120.657	38.927	59	1296	406	15	158	1203	2754	3227	4.3	-5.9	7.3
3722	-120.658	38.922	59	1296	408	15.4	158	1272	2674	3160	3.7	-6.2	7.2
3723	-120.659	38.917	59	1296	410	15.8	158	1272	2761	3037	2.2	-3.1	3.8
3724	-120.66	38.912	59	1296	412	16.2	158	1310	2755	2963	1.7	-3.3	3.7
3725	-120.661	38.907	59	1296	414	16.7	158	1310	2741	2907	1.4	-2.6	2.9
3726	-120.662	38.902	59	1296	416	17.1	158	1351	2828	3056	1.9	-2.6	3.2
3727	-120.663	38.897	59	1296	418	17.6	158	1351	2788	2978	1.5	-2.1	2.6
3728	-120.664	38.892	59	1296	420	18	158	1314	2739	2846	1	-1.3	1.6
3729	-120.665	38.888	59	1296	422	18.5	158	1314	2748	2850	0.7	-0.9	1.1
3730	-120.666	38.883	59	1296	424	18.9	158	1290	2711	2899	1.5	-2.1	2.6
3731	-120.666	38.878	59	1296	426	19.4	158	1290	2815	2808	1	-1.4	1.8
3732	-120.667	38.873	59	1296	428	19.9	158	1232	2778	2852	1.1	-1.6	1.9
3733	-120.668	38.868	59	1296	430	20.3	158	1232	2683	2751	0.6	-0.8	1
3734	-120.669	38.863	59	1296	432	20.8	158	1157	2699	2830	1.1	-1.5	1.8
3735	-120.67	38.858	59	1296	434	21.3	158	1157	2603	2832	2.9	-4	4.9
3736	-120.671	38.853	59	1296	436	21.8	158	1093	2574	2936	2.9	-4.1	5
3737	-120.673	38.843	59	1296	440	22.8	158	1048	2988	3072	2.3	-3.2	3.9
3738	-120.677	38.819	59	1296	450	25.2	158	990	2380	-9999	-99.9	-99.9	-99.9
3739	-120.678	38.814	59	1296	452	25.7	158	925	1283	-9999	-99.9	-99.9	-99.9
3740	-120.683	38.789	59	1296	462	28.3	158	690	1644	2403	6.1	-8.4	10.4
3741	-120.687	38.765	59	1296	472	30.9	158	870	1827	2371	4.6	-6.3	7.8
3742	-120.693	38.736	59	1296	484	34	158	878	987	-9999	-99.9	-99.9	-99.9
3743	-120.705	38.667	60	1296	0	41.4	158	654	1009	1285	2.2	-3.1	3.8
3744	-120.708	38.652	60	1296	6	43	158	586	960	-9999	-99.9	-99.9	-99.9
3745	-120.709	38.647	60	1296	8	43.6	158	612	980	1616	4.7	-6.5	8
3746	-120.71	38.642	60	1296	10	44.1	158	612	1052	1658	5	-7	8.6
3747	-120.711	38.637	60	1296	12	44.6	158	624	999	1580	4.6	-6.4	7.9
3748	-120.711	38.633	60	1296	14	45.2	158	624	1198	1666	5	-6.9	8.6
3749	-120.712	38.628	60	1296	16	45.7	158	587	1102	1601	4.2	-5.8	7.1
3750	-120.713	38.623	60	1296	18	46.2	158	587	1201	-9999	-99.9	-99.9	-99.9
3751	-120.77	38.309	60	1296	146	80.9	158	409	429	436	0.1	-0.1	0.1
3752	-120.771	38.304	60	1296	148	81.5	158	354	403	428	0.2	-0.3	0.3
3753	-120.772	38.299	60	1296	150	82	158	354	476	-9999	-99.9	-99.9	-99.9
3754	-120.773	38.294	60	1296	152	82.6	158	297	358	412	0.1	-0.2	0.2
3755	-120.774	38.289	60	1296	154	83.1	158	297	330	-9999	-99.9	-99.9	-99.9
3756	-120.775	38.284	60	1296	156	83.7	158	345	373	387	0.1	-0.1	0.1
3757	-120.776	38.279	60	1296	158	84.2	158	345	399	-9999	-99.9	-99.9	-99.9
3758	-120.777	38.275	60	1296	160	84.8	158	406	453	-9999	-99.9	-99.9	-99.9
3759	-120.779	38.26	60	1296	166	86.4	158	403	438	-9999	-99.9	-99.9	-99.9
3760	-120.78	38.255	60	1296	168	86.9	158	391	412	-9999	-99.9	-99.9	-99.9
3761	-120.62	39.093	59	1298	338	13.2	158	1266	4006	4648	5.1	-7.1	8.7
3762	-120.622	39.083	59	1298	342	12.6	158	1332	4032	-9999	-99.9	-99.9	-99.9
3763	-120.623	39.078	59	1298	344	12.3	158	1358	4026	4613	4.6	-6.4	7.9
3764	-120.624	39.073	59	1298	346	12.1	158	1358	3620	4415	4.9	-6.8	8.4
3765	-120.625	39.068	59	1298	348	11.8	158	1334	3713	4064	3.2	-4.5	5.5
3766	-120.626	39.063	59	1298	350	11.6	158	1334	3815	4313	3.9	-5.4	6.7
3767	-120.627	39.058	59	1298	352	11.4	158	1268	3384	3693	2.9	-4.1	5
3768	-120.627	39.054	59	1298	354	11.2	158	1268	3574	3394	2.1	-2.9	3.6

3769	-120.628	39.049	59	1298	356	11.1	158	906	3642	3947	2.5	-3.4	4.2
3770	-120.629	39.044	59	1298	358	10.9	158	906	3455	3955	3.1	-4.2	5.2
3771	-120.63	39.039	59	1298	360	10.9	158	949	3559	4020	3.6	-4	5.4
3772	-120.631	39.034	59	1298	362	10.8	158	949	3589	4077	3.8	-5.3	6.5
3773	-120.632	39.029	59	1298	364	10.7	158	1133	3458	4029	3.7	-5.1	6.3
3774	-120.633	39.024	59	1298	366	10.7	158	1133	3457	3888	3.5	-4.8	5.9
3775	-120.634	39.019	59	1298	368	10.7	158	1145	3493	3900	3.3	-4.5	5.6
3776	-120.635	39.014	59	1298	370	10.8	158	1145	3193	3578	2.8	-3.9	4.8
3777	-120.636	39.009	59	1298	372	10.9	158	1127	3026	3405	3	-4.2	5.1
3778	-120.637	39.004	59	1298	374	10.9	158	1127	3056	3269	2.8	-3.9	4.8
3779	-120.637	39	59	1298	376	11.1	158	1185	2929	3408	3.4	-4.7	5.8
3780	-120.638	38.995	59	1298	378	11.2	158	1185	2776	3041	2.7	-3.7	4.6
3781	-120.639	38.99	59	1298	380	11.4	158	953	2778	3087	3.6	-5	6.1
3782	-120.64	38.985	59	1298	382	11.6	158	953	2819	3410	3.6	-5	6.1
3783	-120.641	38.98	59	1298	384	11.8	158	1051	2700	3084	3	-4.2	5.2
3784	-120.642	38.975	59	1298	386	12.1	158	1051	2768	-9999	-99.9	-99.9	-99.9
3785	-120.645	38.96	59	1298	392	12.9	158	1018	2178	-9999	-99.9	-99.9	-99.9
3786	-120.646	38.955	59	1298	394	13.2	158	1018	2823	3265	3.5	-4.9	6.1
3787	-120.647	38.951	59	1298	396	13.5	158	780	2666	2977	2.8	-3.9	4.8
3788	-120.647	38.946	59	1298	398	13.9	158	780	2636	2986	2.8	-3.9	4.8
3789	-120.648	38.941	59	1298	400	14.2	158	1106	2514	2949	3.4	-4.7	5.8
3790	-120.651	38.926	59	1298	406	15.4	158	1203	2800	3020	2.9	-4.1	5
3791	-120.652	38.921	59	1298	408	15.8	158	1272	2734	3095	2.5	-3.5	4.4
3792	-120.653	38.916	59	1298	410	16.2	158	1272	2823	2986	1.9	-2.7	3.3
3793	-120.654	38.911	59	1298	412	16.6	158	1310	2710	2981	1.8	-2.5	3.1
3794	-120.655	38.906	59	1298	414	17	158	1310	2766	2844	0.9	-1.3	1.5
3795	-120.656	38.902	59	1298	416	17.4	158	1351	2776	2950	1.8	-2.6	3.2
3796	-120.657	38.897	59	1298	418	17.9	158	1351	2769	3038	1.8	-2.5	3.1
3797	-120.657	38.892	59	1298	420	18.3	158	1314	2836	2997	1.4	-1.9	2.4
3798	-120.658	38.887	59	1298	422	18.8	158	1314	2824	2975	0.8	-1.1	1.3
3799	-120.659	38.882	59	1298	424	19.2	158	1290	2883	2985	1.5	-2	2.5
3800	-120.66	38.877	59	1298	426	19.7	158	1290	2725	2841	0.9	-1.3	1.6
3801	-120.661	38.872	59	1298	428	20.1	158	1232	2754	2971	0.1	-1.3	1.3
3802	-120.662	38.867	59	1298	430	20.6	158	1232	2784	2931	0	0	0
3803	-120.663	38.862	59	1298	432	21.1	158	1157	2747	2817	1	-1.4	1.7
3804	-120.664	38.857	59	1298	434	21.6	158	1157	2758	2992	1	-1.4	1.8
3805	-120.665	38.852	59	1298	436	22	158	1093	2528	2904	3	-4.1	5.1
3806	-120.666	38.843	59	1298	440	23	158	1048	2682	-9999	-99.9	-99.9	-99.9
3807	-120.67	38.823	59	1298	448	25	158	990	1563	-9999	-99.9	-99.9	-99.9
3808	-120.672	38.813	59	1298	452	26	158	925	1457	-9999	-99.9	-99.9	-99.9
3809	-120.675	38.794	59	1298	460	28	158	690	1131	-9999	-99.9	-99.9	-99.9
3810	-120.676	38.789	59	1298	462	28.5	158	690	1859	2498	5.2	-7.2	8.9
3811	-120.681	38.764	59	1298	472	31.1	158	870	1807	-9999	-99.9	-99.9	-99.9
3812	-120.683	38.754	59	1298	476	32.1	158	901	879	-9999	-99.9	-99.9	-99.9
3813	-120.686	38.735	59	1298	484	34.2	158	878	935	-9999	-99.9	-99.9	-99.9
3814	-120.701	38.656	60	1298	4	42.6	158	586	1002	-9999	-99.9	-99.9	-99.9
3815	-120.702	38.651	60	1298	6	43.2	158	586	978	1486	4	-5.5	6.8
3816	-120.702	38.647	60	1298	8	43.7	158	612	993	1492	4.3	-6	7.4
3817	-120.703	38.642	60	1298	10	44.2	158	612	965	1521	4.1	-5.7	7
3818	-120.704	38.637	60	1298	12	44.8	158	624	997	1501	4.1	-5.7	7
3819	-120.705	38.632	60	1298	14	45.3	158	624	1039	1572	4.3	-5.9	7.3



3871	-120.652	38.886	59	1300	422	19.1	158	1306	2840	3007	0.9	-1.3	1.6
3872	-120.653	38.881	59	1300	424	19.5	158	1315	2808	2942	1.4	-2	2.4
3873	-120.654	38.876	59	1300	426	20	158	1315	2735	2831	0.8	-1.1	1.3
3874	-120.655	38.871	59	1300	428	20.4	158	1288	2666	2909	1.3	-1.8	2.3
3875	-120.656	38.866	59	1300	430	20.9	158	1288	2923	2959	0.8	-1.1	1.4
3876	-120.657	38.862	59	1300	432	21.4	158	1149	2749	2798	0.4	-0.5	0.6
3877	-120.657	38.857	59	1300	434	21.8	158	1149	2804	-9999	-99.9	-99.9	-99.9
3878	-120.658	38.852	59	1300	436	22.3	158	1069	2619	2633	0.1	-0.2	0.2
3879	-120.659	38.847	59	1300	438	22.8	158	1069	2309	2584	3	-4.2	5.1
3880	-120.66	38.842	59	1300	440	23.3	158	1017	2155	2625	2.5	-3.5	4.3
3881	-120.661	38.837	59	1300	442	23.7	158	1017	2466	2642	2.4	-3.3	4.1
3882	-120.662	38.832	59	1300	444	24.2	158	928	2755	-9999	-99.9	-99.9	-99.9
3883	-120.663	38.827	59	1300	446	24.7	158	928	2800	-9999	-99.9	-99.9	-99.9
3884	-120.674	38.768	59	1300	470	30.7	158	897	1698	-9999	-99.9	-99.9	-99.9
3885	-120.675	38.764	59	1300	472	31.3	158	914	2556	-9999	-99.9	-99.9	-99.9
3886	-120.694	38.661	60	1300	2	42.2	158	615	1399	1596	1.6	-2.3	2.8
3887	-120.694	38.656	60	1300	4	42.8	158	618	-9999	1130	3.7	-5.1	6.3
3888	-120.695	38.651	60	1300	6	43.3	158	618	1050	1412	2.9	-4.1	5
3889	-120.696	38.646	60	1300	8	43.8	158	628	988	1343	3.6	-5	6.1
3890	-120.697	38.641	60	1300	10	44.4	158	628	942	1231	2.5	-3.5	4.3
3891	-120.698	38.636	60	1300	12	44.9	158	585	965	1336	3.6	-4.9	6.1
3892	-120.699	38.631	60	1300	14	45.4	158	585	997	1420	3.6	-4.9	6.1
3893	-120.7	38.626	60	1300	16	46	158	604	874	1692	4.8	-6.7	8.2
3894	-120.701	38.621	60	1300	18	46.5	158	604	762	-9999	-99.9	-99.9	-99.9
3895	-120.706	38.592	60	1300	30	49.7	158	662	1036	1639	4.9	-6.7	8.3
3896	-120.764	38.273	60	1300	160	84.9	158	420	428	455	1	-1.3	1.6
3897	-120.765	38.268	60	1300	162	85.4	158	420	330	480	0.1	-0.1	0.2
3898	-120.766	38.263	60	1300	164	86	158	435	429	-9999	-99.9	-99.9	-99.9
3899	-120.767	38.258	60	1300	166	86.5	158	435	490	600	0.6	-0.8	1
3900	-120.768	38.253	60	1300	168	87.1	158	418	446	479	0.3	-0.4	0.5
3901	-120.608	39.091	59	1302	338	14.1	158	1405	4092	4671	4.5	-6.3	7.8
3902	-120.609	39.086	59	1302	340	13.8	158	1422	4184	4715	4.2	-5.8	7.1
3903	-120.609	39.082	59	1302	342	13.5	158	1422	4117	4557	3.5	-4.8	5.9
3904	-120.61	39.077	59	1302	344	13.3	158	1436	3895	3609	1.9	-2.6	3.2
3905	-120.611	39.072	59	1302	346	13	158	1436	-9999	4124	3.9	-5.4	6.7
3906	-120.612	39.067	59	1302	348	12.8	158	1384	3911	-9999	-99.9	-99.9	-99.9
3907	-120.613	39.062	59	1302	350	12.6	158	1384	3933	4174	1.9	-2.6	3.2
3908	-120.614	39.057	59	1302	352	12.4	158	1315	3623	3910	2.3	-3.2	4
3909	-120.615	39.052	59	1302	354	12.3	158	1315	4237	4493	2	-2.8	3.4
3910	-120.616	39.047	59	1302	356	12.1	158	1093	2654	2864	1.6	-2.3	2.8
3911	-120.617	39.042	59	1302	358	12	158	1093	4012	3323	2.1	-2.9	3.6
3912	-120.618	39.037	59	1302	360	11.9	158	837	3380	3969	3.7	-5.1	6.2
3913	-120.619	39.032	59	1302	362	11.9	158	837	3458	4135	4.5	-6.2	7.6
3914	-120.619	39.028	59	1302	364	11.8	158	1074	3747	4288	4.3	-5.9	7.3
3915	-120.62	39.023	59	1302	366	11.8	158	1074	2927	3766	3.4	-4.7	5.8
3916	-120.621	39.018	59	1302	368	11.8	158	1252	3248	3771	2.3	-4.5	5.1
3917	-120.622	39.013	59	1302	370	11.9	158	1252	3167	3502	2.7	-3.7	4.6
3918	-120.623	39.008	59	1302	372	11.9	158	1236	3132	3766	3.4	-4.7	5.7
3919	-120.624	39.003	59	1302	374	12	158	1236	3106	3571	3.4	-4.7	5.7
3920	-120.625	38.998	59	1302	376	12.1	158	1275	3100	3421	2.5	-3.5	4.3
3921	-120.626	38.993	59	1302	378	12.3	158	1275	3163	3541	3	-4.2	5.2





3973	-120.604	39.076	59	1304	344	13.8	158	1447	3219	-9999	-99.9	-99.9	-99.9
3974	-120.605	39.071	59	1304	346	13.5	158	1447	3729	-9999	-99.9	-99.9	-99.9
3975	-120.606	39.066	59	1304	348	13.3	158	1398	3447	-9999	-99.9	-99.9	-99.9
3976	-120.607	39.061	59	1304	350	13.1	158	1398	3844	3791	1.5	-2	2.5
3977	-120.608	39.056	59	1304	352	13	158	1363	4287	-9999	-99.9	-99.9	-99.9
3978	-120.609	39.051	59	1304	354	12.8	158	1363	3189	-9999	-99.9	-99.9	-99.9
3979	-120.61	39.046	59	1304	356	12.7	158	1270	2640	2728	0.7	-1	1.2
3980	-120.61	39.042	59	1304	358	12.6	158	1270	2440	-9999	-99.9	-99.9	-99.9
3981	-120.611	39.037	59	1304	360	12.5	158	994	2947	3209	2.1	-2.9	3.6
3982	-120.612	39.032	59	1304	362	12.4	158	994	3462	3768	2.5	-3.4	4.2
3983	-120.613	39.027	59	1304	364	12.4	158	984	3183	3478	2.3	-3.2	4
3984	-120.614	39.022	59	1304	366	12.4	158	984	3582	3771	3.3	-4.6	5.6
3985	-120.615	39.017	59	1304	368	12.4	158	1294	2954	4180	4.1	-5.8	7.1
3986	-120.616	39.012	59	1304	370	12.4	158	1294	3170	3629	3.9	-5.5	6.8
3987	-120.617	39.007	59	1304	372	12.5	158	1325	3312	3952	5.2	-7.2	8.8
3988	-120.618	39.002	59	1304	374	12.6	158	1325	3140	3558	3.3	-4.6	5.6
3989	-120.619	38.997	59	1304	376	12.7	158	1313	2624	2702	0.6	-0.9	1.1
3990	-120.62	38.993	59	1304	378	12.8	158	1313	2529	2603	0.6	-0.9	1.1
3991	-120.62	38.988	59	1304	380	13	158	1109	2948	3311	2.9	-4	4.9
3992	-120.621	38.983	59	1304	382	13.1	158	1109	2930	3420	3.4	-4.7	5.8
3993	-120.622	38.978	59	1304	384	13.3	158	1120	3003	3468	3.6	-5.1	6.2
3994	-120.625	38.963	59	1304	390	14	158	1290	2841	3281	3.4	-4.8	5.9
3995	-120.626	38.958	59	1304	392	14.3	158	1107	2947	3297	2.7	-3.8	4.7
3996	-120.627	38.953	59	1304	394	14.6	158	1107	3074	3520	3.6	-4.9	6.1
3997	-120.628	38.948	59	1304	396	14.9	158	829	2699	3457	3.6	-5	6.2
3998	-120.629	38.944	59	1304	398	15.2	158	829	2951	3322	3.7	-5.1	6.3
3999	-120.63	38.939	59	1304	400	15.5	158	1144	2754	3333	4.5	-6.3	7.8
4000	-120.63	38.934	59	1304	402	15.8	158	1144	3167	3313	4.6	-6.4	7.8
4001	-120.631	38.929	59	1304	404	16.2	158	1304	2584	3335	4.1	-5.6	7
4002	-120.632	38.924	59	1304	406	16.6	158	1304	2980	3376	3.9	-5.4	6.6
4003	-120.633	38.919	59	1304	408	16.9	158	1279	2885	3404	3.9	-5.4	6.7
4004	-120.634	38.914	59	1304	410	17.3	158	1279	2910	3324	3.8	-5.3	6.5
4005	-120.635	38.909	59	1304	412	17.7	158	1266	2944	3337	3.1	-4.3	5.3
4006	-120.636	38.904	59	1304	414	18.1	158	1266	2885	3175	2.6	-3.6	4.5
4007	-120.637	38.899	59	1304	416	18.5	158	1289	2953	3294	2.7	-3.8	4.6
4008	-120.638	38.894	59	1304	418	18.9	158	1289	2942	3336	3.1	-4.3	5.3
4009	-120.639	38.89	59	1304	420	19.3	158	1292	2886	3233	2.8	-3.9	4.8
4010	-120.64	38.885	59	1304	422	19.8	158	1292	2741	3110	1.9	-2.7	3.3
4011	-120.64	38.88	59	1304	424	20.2	158	1284	2767	3106	2.1	-2.9	3.6
4012	-120.641	38.875	59	1304	426	20.6	158	1284	2823	3032	1.7	-2.3	2.9
4013	-120.642	38.87	59	1304	428	21.1	158	1258	2779	2873	1	-1.4	1.7
4014	-120.643	38.865	59	1304	430	21.5	158	1258	2703	2725	0.2	-0.2	0.3
4015	-120.644	38.86	59	1304	432	22	158	1158	2454	2720	2.1	-3	3.7
4016	-120.645	38.855	59	1304	434	22.4	158	1158	2377	2558	2.2	-3.1	3.8
4017	-120.646	38.85	59	1304	436	22.9	158	1100	2483	2799	2.5	-3.5	4.3
4018	-120.647	38.845	59	1304	438	23.3	158	1100	2455	2842	2.3	-3.2	4
4019	-120.648	38.841	59	1304	440	23.8	158	1153	2342	2687	2	-2.8	3.5
4020	-120.649	38.836	59	1304	442	24.3	158	1153	2247	2517	2.1	-2.9	3.6
4021	-120.649	38.831	59	1304	444	24.8	158	1065	2465	-9999	-99.9	-99.9	-99.9
4022	-120.65	38.826	59	1304	446	25.2	158	1065	2420	-9999	-99.9	-99.9	-99.9
4023	-120.651	38.821	59	1304	448	25.7	158	1006	2126	-9999	-99.9	-99.9	-99.9

4024	-120.656	38.796	59	1304	458	28.2	158	727	2827	-9999	-99.9	-99.9	-99.9
4025	-120.658	38.787	59	1304	462	29.2	158	759	2289	-9999	-99.9	-99.9	-99.9
4026	-120.658	38.782	59	1304	464	29.7	158	886	1836	-9999	-99.9	-99.9	-99.9
4027	-120.659	38.777	59	1304	466	30.2	158	886	-9999	1816	4.4	-6	7.4
4028	-120.66	38.772	59	1304	468	30.7	158	925	2152	-9999	-99.9	-99.9	-99.9
4029	-120.684	38.644	60	1304	8	44.1	158	702	887	-9999	-99.9	-99.9	-99.9
4030	-120.685	38.64	60	1304	10	44.6	158	702	762	1676	7.6	-10.6	13
4031	-120.686	38.635	60	1304	12	45.2	158	620	711	1551	6.8	-9.5	11.7
4032	-120.686	38.63	60	1304	14	45.7	158	620	686	-9999	-99.9	-99.9	-99.9
4033	-120.687	38.625	60	1304	16	46.2	158	638	834	1235	2.6	-3.6	4.5
4034	-120.688	38.62	60	1304	18	46.8	158	638	733	-9999	-99.9	-99.9	-99.9
4035	-120.689	38.615	60	1304	20	47.3	158	669	646	1371	5.8	-8	9.9
4036	-120.755	38.252	60	1304	168	87.2	158	454	452	460	0.1	-0.1	0.1
4037	-120.596	39.085	59	1306	340	14.8	158	1486	4104	4720	4.9	-6.7	8.3
4038	-120.598	39.075	59	1306	344	14.3	158	1447	3741	3956	1.7	-2.4	2.9
4039	-120.599	39.07	59	1306	346	14	158	1447	3724	3918	1.5	-2.1	2.6
4040	-120.6	39.065	59	1306	348	13.8	158	1398	3464	3671	1.6	-2.3	2.8
4041	-120.601	39.06	59	1306	350	13.7	158	1398	3514	-9999	-99.9	-99.9	-99.9
4042	-120.601	39.056	59	1306	352	13.5	158	1363	2923	-9999	-99.9	-99.9	-99.9
4043	-120.602	39.051	59	1306	354	13.3	158	1363	3023	-9999	-99.9	-99.9	-99.9
4044	-120.603	39.046	59	1306	356	13.2	158	1270	2675	2797	0	0	0
4045	-120.604	39.041	59	1306	358	13.1	158	1270	2971	2842	0.1	-0.2	0.3
4046	-120.605	39.036	59	1306	360	13	158	994	2723	2858	1.1	-1.5	1.8
4047	-120.606	39.031	59	1306	362	13	158	994	3376	3564	2.8	-3.9	4.8
4048	-120.607	39.026	59	1306	364	12.9	158	984	3291	3513	2.5	-3.4	4.2
4049	-120.608	39.021	59	1306	366	12.9	158	984	3159	3517	2.9	-4	4.9
4050	-120.609	39.016	59	1306	368	12.9	158	1294	2989	3380	3.2	-4.4	5.4
4051	-120.61	39.011	59	1306	370	13	158	1294	3228	3338	3.2	-4.5	5.5
4052	-120.611	39.007	59	1306	372	13	158	1325	3245	3525	3.9	-5.5	6.7
4053	-120.611	39.002	59	1306	374	13.1	158	1325	3232	3712	3.8	-5.3	6.5
4054	-120.612	38.997	59	1306	376	13.2	158	1313	2847	3451	3.3	-4.6	5.7
4055	-120.613	38.992	59	1306	378	13.3	158	1313	2560	2916	2.2	-3	3.7
4056	-120.614	38.987	59	1306	380	13.5	158	1109	2793	3271	3.3	-4.6	5.7
4057	-120.615	38.982	59	1306	382	13.7	158	1109	2895	3328	3.6	-4.9	6.1
4058	-120.616	38.977	59	1306	384	13.8	158	1120	2859	3295	2.9	-4	5
4059	-120.617	38.972	59	1306	386	14	158	1120	2915	3345	3.3	-4.6	5.7
4060	-120.619	38.962	59	1306	390	14.5	158	1290	2802	3219	3.2	-4.5	5.5
4061	-120.62	38.958	59	1306	392	14.8	158	1107	2636	3140	2.7	-3.7	4.6
4062	-120.621	38.953	59	1306	394	15	158	1107	2447	-9999	-99.9	-99.9	-99.9
4063	-120.621	38.948	59	1306	396	15.3	158	829	2634	3051	3.2	-4.5	5.6
4064	-120.622	38.943	59	1306	398	15.6	158	829	3047	3783	4	-5.6	6.9
4065	-120.623	38.938	59	1306	400	16	158	1144	2986	3311	4.9	-6.8	8.4
4066	-120.624	38.933	59	1306	402	16.3	158	1144	2659	3790	4.8	-6.6	8.2
4067	-120.625	38.928	59	1306	404	16.6	158	1304	3183	3744	4.4	-6.1	7.5
4068	-120.626	38.923	59	1306	406	17	158	1304	2824	3329	3.9	-5.5	6.7
4069	-120.627	38.918	59	1306	408	17.3	158	1279	2975	3438	3.6	-5	6.2
4070	-120.628	38.913	59	1306	410	17.7	158	1279	2862	3358	3.5	-4.9	6
4071	-120.629	38.908	59	1306	412	18.1	158	1266	2947	3258	2.5	-3.5	4.3
4072	-120.63	38.904	59	1306	414	18.5	158	1266	2869	3251	2.6	-3.6	4.4
4073	-120.631	38.899	59	1306	416	18.9	158	1289	2839	3274	2.9	-4	5
4074	-120.631	38.894	59	1306	418	19.3	158	1289	2972	3340	3.1	-4.4	5.4

4075	-120.632	38.889	59	1306	420	19.7	158	1292	2889	3250	2.9	-4.1	5
4076	-120.633	38.884	59	1306	422	20.1	158	1292	2818	3059	1.9	-2.7	3.3
4077	-120.634	38.879	59	1306	424	20.5	158	1284	2755	3115	2.2	-3	3.7
4078	-120.635	38.874	59	1306	426	21	158	1284	2729	3025	1.5	-2.1	2.6
4079	-120.636	38.869	59	1306	428	21.4	158	1258	2716	2874	1.2	-1.7	2.1
4080	-120.637	38.864	59	1306	430	21.8	158	1258	2710	2820	0.9	-1.2	1.5
4081	-120.638	38.859	59	1306	432	22.3	158	1158	2513	2820	1.9	-2.6	3.3
4082	-120.639	38.855	59	1306	434	22.7	158	1158	2356	2655	2.4	-3.3	4.1
4083	-120.64	38.85	59	1306	436	23.2	158	1100	2513	2748	2	-2.8	3.4
4084	-120.64	38.845	59	1306	438	23.6	158	1100	2529	2775	1.9	-2.6	3.3
4085	-120.641	38.84	59	1306	440	24.1	158	1153	2340	2668	2.6	-3.6	4.5
4086	-120.642	38.835	59	1306	442	24.6	158	1153	2370	2637	2.1	-3	3.7
4087	-120.643	38.83	59	1306	444	25	158	1065	2203	2458	2.7	-3.7	4.5
4088	-120.644	38.825	59	1306	446	25.5	158	1065	2288	-9999	-99.9	-99.9	-99.9
4089	-120.645	38.82	59	1306	448	26	158	1006	2216	-9999	-99.9	-99.9	-99.9
4090	-120.646	38.815	59	1306	450	26.5	158	1006	2248	-9999	-99.9	-99.9	-99.9
4091	-120.648	38.806	59	1306	454	27.4	158	830	3175	-9999	-99.9	-99.9	-99.9
4092	-120.649	38.801	59	1306	456	27.9	158	727	2769	-9999	-99.9	-99.9	-99.9
4093	-120.65	38.796	59	1306	458	28.4	158	727	2740	-9999	-99.9	-99.9	-99.9
4094	-120.681	38.624	60	1306	16	46.4	158	638	492	732	1.3	-1.8	2.2
4095	-120.682	38.619	60	1306	18	46.9	158	638	637	1354	5.9	-8.2	10.1
4096	-120.683	38.614	60	1306	20	47.4	158	669	548	1064	3.1	-6.1	6.8
4097	-120.59	39.084	59	1308	340	15.3	158	1555	3958	-9999	-99.9	-99.9	-99.9
4098	-120.592	39.074	59	1308	344	14.8	158	1502	3484	4172	3.4	-4.7	5.8
4099	-120.592	39.07	59	1308	346	14.6	158	1502	3479	3857	2.2	-3.1	3.8
4100	-120.593	39.065	59	1308	348	14.4	158	1464	3312	3467	1.2	-1.7	2.1
4101	-120.594	39.06	59	1308	350	14.2	158	1464	3322	-9999	-99.9	-99.9	-99.9
4102	-120.595	39.055	59	1308	352	14	158	1422	3340	-9999	-99.9	-99.9	-99.9
4103	-120.596	39.05	59	1308	354	13.9	158	1422	3081	3533	2.2	-3.1	3.8
4104	-120.597	39.045	59	1308	356	13.8	158	1346	2790	-9999	-99.9	-99.9	-99.9
4105	-120.598	39.04	59	1308	358	13.7	158	1346	3008	3111	0.9	-1.2	1.5
4106	-120.599	39.035	59	1308	360	13.6	158	1062	3487	3771	2.3	-3.2	3.9
4107	-120.6	39.03	59	1308	362	13.5	158	1062	3572	3853	2.2	-3.1	3.8
4108	-120.601	39.025	59	1308	364	13.5	158	981	3277	3708	3.2	-4.4	5.4
4109	-120.602	39.021	59	1308	366	13.5	158	981	3374	3968	3.5	-4.9	6.1
4110	-120.602	39.016	59	1308	368	13.5	158	1286	2879	3344	4.2	-5.8	7.2
4111	-120.603	39.011	59	1308	370	13.5	158	1286	3117	3519	3.7	-5.1	6.3
4112	-120.604	39.006	59	1308	372	13.6	158	1362	3239	3491	3.8	-4.5	5.9
4113	-120.605	39.001	59	1308	374	13.7	158	1362	3134	3546	3.5	-4.9	6.1
4114	-120.606	38.996	59	1308	376	13.8	158	1284	3012	3405	3.1	-4.3	5.3
4115	-120.607	38.991	59	1308	378	13.9	158	1284	2441	-9999	-99.9	-99.9	-99.9
4116	-120.608	38.986	59	1308	380	14	158	1105	2844	3121	2.4	-3.4	4.2
4117	-120.609	38.981	59	1308	382	14.2	158	1105	3024	3462	3.4	-4.8	5.9
4118	-120.61	38.976	59	1308	384	14.4	158	1189	2941	3389	3.4	-4.7	5.8
4119	-120.611	38.972	59	1308	386	14.6	158	1189	2848	3293	3.4	-4.8	5.9
4120	-120.612	38.967	59	1308	388	14.8	158	1300	2840	3334	3.5	-4.8	5.9
4121	-120.612	38.962	59	1308	390	15	158	1300	2853	3281	3.3	-4.6	5.7
4122	-120.613	38.957	59	1308	392	15.3	158	1136	2541	2955	3.4	-4.7	5.8
4123	-120.614	38.952	59	1308	394	15.5	158	1136	2440	2769	2.8	-3.9	4.7
4124	-120.615	38.947	59	1308	396	15.8	158	931	2516	3426	2.9	-4	5
4125	-120.616	38.942	59	1308	398	16.1	158	931	2970	3562	2.4	-3.3	4.1



4177	-120.603	38.981	59	1310	382	14.7	158	1105	2989	3331	3	-4.2	5.2
4178	-120.603	38.976	59	1310	384	14.9	158	1189	2926	3390	4	-5.6	6.9
4179	-120.604	38.971	59	1310	386	15.1	158	1189	3034	3435	3.3	-4.6	5.6
4180	-120.605	38.966	59	1310	388	15.3	158	1300	2885	3286	3.2	-4.4	5.4
4181	-120.606	38.961	59	1310	390	15.5	158	1300	2851	3228	3	-4.1	5.1
4182	-120.607	38.956	59	1310	392	15.7	158	1136	2531	2803	2.2	-3.1	3.8
4183	-120.608	38.951	59	1310	394	16	158	1136	3132	3529	3.1	-4.3	5.3
4184	-120.61	38.941	59	1310	398	16.6	158	931	3267	3626	2.9	-4	4.9
4185	-120.611	38.936	59	1310	400	16.9	158	1037	3315	3578	3.3	-3.6	4.9
4186	-120.612	38.932	59	1310	402	17.2	158	1037	2839	3560	3.8	-5.3	6.5
4187	-120.613	38.927	59	1310	404	17.5	158	1313	2730	3494	4	-5.6	6.9
4188	-120.613	38.922	59	1310	406	17.8	158	1313	2966	3479	4	-5.5	6.8
4189	-120.614	38.917	59	1310	408	18.2	158	1355	3168	3638	3.7	-5.1	6.3
4190	-120.615	38.912	59	1310	410	18.5	158	1355	2987	3369	3	-4.1	5.1
4191	-120.616	38.907	59	1310	412	18.9	158	1291	2981	3340	2.8	-3.9	4.8
4192	-120.617	38.902	59	1310	414	19.3	158	1291	2965	3244	2.2	-3.1	3.8
4193	-120.618	38.897	59	1310	416	19.6	158	1312	2978	3221	2.2	-3.1	3.8
4194	-120.619	38.892	59	1310	418	20	158	1312	2876	3340	2.8	-3.9	4.8
4195	-120.62	38.887	59	1310	420	20.4	158	1313	2855	3073	2.1	-2.9	3.6
4196	-120.621	38.883	59	1310	422	20.8	158	1313	2743	3117	2.6	-3.6	4.4
4197	-120.622	38.878	59	1310	424	21.2	158	1285	2687	3011	2.4	-3.3	4
4198	-120.623	38.873	59	1310	426	21.7	158	1285	2635	2936	1.9	-2.7	3.3
4199	-120.623	38.868	59	1310	428	22.1	158	1268	2557	2602	1	-1.4	1.7
4200	-120.624	38.863	59	1310	430	22.5	158	1268	2610	2742	1.2	-1.6	2
4201	-120.625	38.858	59	1310	432	22.9	158	1265	2369	3324	2.5	-3.5	4.3
4202	-120.626	38.853	59	1310	434	23.4	158	1265	2566	2997	1.8	-2.5	3
4203	-120.627	38.848	59	1310	436	23.8	158	1230	2756	2581	1	-1.5	1.8
4204	-120.628	38.843	59	1310	438	24.3	158	1230	2710	2613	1.2	-1.7	2.1
4205	-120.629	38.838	59	1310	440	24.7	158	1181	2460	2718	1.7	-2.4	2.9
4206	-120.63	38.834	59	1310	442	25.2	158	1181	2463	2621	1.2	-1.7	2.1
4207	-120.631	38.829	59	1310	444	25.6	158	1107	2366	2543	1.4	-2	2.4
4208	-120.632	38.824	59	1310	446	26.1	158	1107	2402	2453	0.9	-1.3	1.6
4209	-120.632	38.819	59	1310	448	26.6	158	1009	2290	2228	0.9	-0.4	0.9
4210	-120.633	38.814	59	1310	450	27	158	1009	2457	-9999	-99.9	-99.9	-99.9
4211	-120.634	38.809	59	1310	452	27.5	158	838	2693	2717	1.6	-0.9	1.9
4212	-120.635	38.804	59	1310	454	28	158	838	3212	-9999	-99.9	-99.9	-99.9
4213	-120.639	38.784	59	1310	462	29.9	158	851	1362	2268	4.6	-8.7	9.8
4214	-120.641	38.775	59	1310	466	30.9	158	911	1834	2461	6.2	-6.4	9
4215	-120.668	38.628	60	1310	14	46.2	158	635	633	-9999	-99.9	-99.9	-99.9
4216	-120.669	38.623	60	1310	16	46.7	158	631	684	868	0.9	-1.2	1.5
4217	-120.67	38.613	60	1310	20	47.8	158	679	-9999	997	1.9	-2.7	3.3
4218	-120.579	39.073	59	1312	344	15.8	158	1596	2936	-9999	-99.9	-99.9	-99.9
4219	-120.58	39.068	59	1312	346	15.6	158	1596	3231	-9999	-99.9	-99.9	-99.9
4220	-120.581	39.063	59	1312	348	15.4	158	1550	3044	-9999	-99.9	-99.9	-99.9
4221	-120.582	39.058	59	1312	350	15.2	158	1550	3183	-9999	-99.9	-99.9	-99.9
4222	-120.583	39.053	59	1312	352	15.1	158	1518	-9999	3879	3	-4.1	5.1
4223	-120.583	39.049	59	1312	354	14.9	158	1518	3477	3909	3.4	-4.8	5.9
4224	-120.584	39.044	59	1312	356	14.8	158	1382	3248	3837	3.5	-4.9	6.1
4225	-120.585	39.039	59	1312	358	14.7	158	1382	3567	3842	3.7	-5.1	6.3
4226	-120.586	39.034	59	1312	360	14.7	158	1093	3479	3917	3.5	-4.8	6
4227	-120.587	39.029	59	1312	362	14.6	158	1093	3346	3636	2.8	-3.9	4.8



4279	-120.575	39.058	59	1314	350	15.8	158	1550	2669	-9999	-99.9	-99.9	-99.9
4280	-120.576	39.053	59	1314	352	15.6	158	1518	3133	3422	2.3	-3.1	3.9
4281	-120.577	39.048	59	1314	354	15.5	158	1518	3209	3222	1.6	-2.2	2.7
4282	-120.578	39.043	59	1314	356	15.4	158	1382	2558	-9999	-99.9	-99.9	-99.9
4283	-120.579	39.038	59	1314	358	15.3	158	1382	2387	3956	3.4	-4.8	5.9
4284	-120.58	39.033	59	1314	360	15.2	158	1093	2902	3691	2.5	-3.5	4.3
4285	-120.581	39.028	59	1314	362	15.2	158	1093	3177	3504	3.1	-4.3	5.3
4286	-120.582	39.023	59	1314	364	15.1	158	1139	3051	3543	3.8	-5.3	6.6
4287	-120.583	39.018	59	1314	366	15.1	158	1139	3126	3859	4.4	-6.2	7.6
4288	-120.584	39.014	59	1314	368	15.1	158	1373	3144	3634	3.9	-5.4	6.6
4289	-120.584	39.009	59	1314	370	15.2	158	1373	3041	3546	4.3	-6	7.4
4290	-120.585	39.004	59	1314	372	15.2	158	1353	3292	3589	3.9	-5.4	6.7
4291	-120.586	38.999	59	1314	374	15.3	158	1353	3160	3566	3.2	-4.4	5.5
4292	-120.587	38.994	59	1314	376	15.4	158	1210	3038	3397	2.8	-3.9	4.8
4293	-120.588	38.989	59	1314	378	15.5	158	1210	3226	3548	2.5	-3.5	4.3
4294	-120.589	38.984	59	1314	380	15.6	158	1118	2970	3545	4	-5.5	6.8
4295	-120.59	38.979	59	1314	382	15.8	158	1118	3117	3483	3.4	-4.7	5.8
4296	-120.591	38.974	59	1314	384	15.9	158	1230	2988	3428	3.9	-5.3	6.6
4297	-120.592	38.969	59	1314	386	16.1	158	1230	3014	3327	2.9	-4	4.9
4298	-120.593	38.964	59	1314	388	16.3	158	1308	2907	3208	2.7	-3.7	4.6
4299	-120.594	38.96	59	1314	390	16.5	158	1308	2865	3184	3.1	-4.2	5.2
4300	-120.595	38.955	59	1314	392	16.7	158	1206	2812	3081	1.5	-0.7	1.7
4301	-120.595	38.95	59	1314	394	17	158	1206	2880	3145	2.9	-4.1	5
4302	-120.596	38.945	59	1314	396	17.2	158	1065	2796	3057	2.1	-1.5	2.6
4303	-120.597	38.94	59	1314	398	17.5	158	1065	2913	3190	2.5	-3.4	4.2
4304	-120.598	38.935	59	1314	400	17.8	158	936	2955	3391	3.2	-4.4	5.4
4305	-120.599	38.93	59	1314	402	18.1	158	936	3012	3403	3.6	-5	6.2
4306	-120.6	38.925	59	1314	404	18.4	158	1240	2782	3431	4.3	-6	7.4
4307	-120.601	38.92	59	1314	406	18.7	158	1240	2612	3344	3.4	-4.7	5.8
4308	-120.602	38.915	59	1314	408	19	158	1328	2799	3413	4.6	-6.4	7.9
4309	-120.603	38.911	59	1314	410	19.4	158	1328	2881	3184	3.3	-4.6	5.6
4310	-120.604	38.906	59	1314	412	19.7	158	1309	2846	3017	1.4	-1.9	2.3
4311	-120.605	38.901	59	1314	414	20.1	158	1309	2801	2988	1.7	-2.3	2.9
4312	-120.605	38.896	59	1314	416	20.4	158	1332	2771	2941	1.3	-1.8	2.3
4313	-120.606	38.891	59	1314	418	20.8	158	1332	2807	2756	0.9	-1.2	1.5
4314	-120.607	38.886	59	1314	420	21.2	158	1329	2790	-9999	-99.9	-99.9	-99.9
4315	-120.608	38.881	59	1314	422	21.6	158	1329	2614	3351	4	-5.6	6.9
4316	-120.609	38.876	59	1314	424	22	158	1308	2552	-9999	-99.9	-99.9	-99.9
4317	-120.611	38.866	59	1314	428	22.8	158	1331	2855	-9999	-99.9	-99.9	-99.9
4318	-120.612	38.862	59	1314	430	23.2	158	1331	2822	-9999	-99.9	-99.9	-99.9
4319	-120.613	38.857	59	1314	432	23.6	158	1308	-9999	2745	1.5	-2.1	2.6
4320	-120.614	38.852	59	1314	434	24.1	158	1308	2782	2771	1.3	-1.9	2.3
4321	-120.614	38.847	59	1314	436	24.5	158	1239	3009	2839	1.3	-1.8	2.2
4322	-120.615	38.842	59	1314	438	24.9	158	1239	2836	2724	1.3	-1.7	2.2
4323	-120.616	38.837	59	1314	440	25.4	158	1131	2475	2782	2.5	-3.4	4.2
4324	-120.617	38.832	59	1314	442	25.8	158	1131	2512	2809	2.4	-3.3	4.1
4325	-120.618	38.827	59	1314	444	26.2	158	1040	2505	2819	2.1	-2.9	3.5
4326	-120.619	38.822	59	1314	446	26.7	158	1040	2382	2628	2	-3.7	4.2
4327	-120.62	38.817	59	1314	448	27.2	158	971	2361	2673	2.2	-3.1	3.8
4328	-120.621	38.812	59	1314	450	27.6	158	971	2440	2637	2.3	-3.2	3.9
4329	-120.623	38.803	59	1314	454	28.5	158	896	3032	3031	1.3	-0.9	1.5







4381	-120.612	38.826	59	1316	444	26.6	158	1100	2597	2923	2.2	-3.1	3.8
4382	-120.613	38.822	59	1316	446	27	158	1100	2467	2794	2.2	-3	3.7
4383	-120.614	38.817	59	1316	448	27.5	158	1047	2240	2653	1.8	-2.5	3
4384	-120.615	38.812	59	1316	450	27.9	158	1047	2496	2723	2.2	-3.1	3.8
4385	-120.616	38.802	59	1316	454	28.8	158	905	2528	2587	3.5	-4.8	5.9
4386	-120.617	38.797	59	1316	456	29.3	158	778	2505	2863	2.9	-4	5
4387	-120.618	38.792	59	1316	458	29.8	158	778	-9999	2704	3.8	-5.3	6.5
4388	-120.655	38.591	60	1316	28	50.4	158	808	890	1034	1.1	-1.6	1.9
4389	-120.563	39.056	59	1318	350	16.8	158	1586	2857	2939	1.2	-1.7	2.1
4390	-120.564	39.051	59	1318	352	16.7	158	1560	2892	-9999	-99.9	-99.9	-99.9
4391	-120.565	39.046	59	1318	354	16.6	158	1560	3043	3254	1.5	-2.1	2.6
4392	-120.566	39.042	59	1318	356	16.5	158	1371	3413	-9999	-99.9	-99.9	-99.9
4393	-120.566	39.037	59	1318	358	16.4	158	1371	3164	-9999	-99.9	-99.9	-99.9
4394	-120.567	39.032	59	1318	360	16.3	158	1156	2964	3324	2.2	-3.1	3.8
4395	-120.568	39.027	59	1318	362	16.3	158	1156	2958	3247	2	-2.8	3.4
4396	-120.569	39.022	59	1318	364	16.2	158	1233	2912	3243	2.6	-3.6	4.5
4397	-120.57	39.017	59	1318	366	16.2	158	1233	3784	4019	1.9	-2.6	3.2
4398	-120.571	39.012	59	1318	368	16.2	158	1379	3410	3857	4.5	-6.2	7.7
4399	-120.572	39.007	59	1318	370	16.3	158	1379	3194	3788	4.1	-5.7	7
4400	-120.573	39.002	59	1318	372	16.3	158	1302	3334	3836	3.9	-6.3	7.4
4401	-120.574	38.997	59	1318	374	16.4	158	1302	3130	3875	5.7	-8	9.8
4402	-120.575	38.992	59	1318	376	16.5	158	1193	3059	3921	6.9	-9.6	11.8
4403	-120.576	38.988	59	1318	378	16.6	158	1193	3321	3805	6	-9.7	11.4
4404	-120.576	38.983	59	1318	380	16.7	158	1193	3563	3793	2.3	-3.2	4
4405	-120.577	38.978	59	1318	382	16.8	158	1193	3292	3733	4.3	-5.9	7.3
4406	-120.578	38.973	59	1318	384	17	158	1274	3228	3584	3.1	-4.3	5.2
4407	-120.579	38.968	59	1318	386	17.1	158	1274	3097	3463	3	-4.2	5.2
4408	-120.58	38.963	59	1318	388	17.3	158	1330	3049	3374	2.7	-5.4	6.1
4409	-120.581	38.958	59	1318	390	17.5	158	1330	3007	3357	4	-5.6	6.9
4410	-120.582	38.953	59	1318	392	17.7	158	1264	3087	3475	3.2	-4.5	5.6
4411	-120.583	38.948	59	1318	394	18	158	1264	2945	3358	3.3	-4.6	5.6
4412	-120.584	38.943	59	1318	396	18.2	158	1135	3033	3236	2.3	-3.2	3.9
4413	-120.585	38.939	59	1318	398	18.5	158	1135	2887	3140	2.4	-3.3	4
4414	-120.586	38.934	59	1318	400	18.7	158	950	2993	3538	2.8	-3.9	4.8
4415	-120.587	38.929	59	1318	402	19	158	950	3107	3304	2.5	-3.5	4.3
4416	-120.587	38.924	59	1318	404	19.3	158	1052	2448	2752	2.4	-4.4	5
4417	-120.588	38.919	59	1318	406	19.6	158	1052	2723	2892	3.2	-4.4	5.5
4418	-120.589	38.914	59	1318	408	19.9	158	1286	2527	2675	2.1	-2.9	3.6
4419	-120.59	38.909	59	1318	410	20.2	158	1286	2371	2681	1.4	-1.9	2.3
4420	-120.591	38.904	59	1318	412	20.6	158	1326	2548	2740	1.5	-2.1	2.6
4421	-120.592	38.899	59	1318	414	20.9	158	1326	2606	2764	1.3	-1.7	2.1
4422	-120.593	38.894	59	1318	416	21.3	158	1333	2596	2612	0.1	-0.2	0.2
4423	-120.594	38.89	59	1318	418	21.6	158	1333	2841	-9999	-99.9	-99.9	-99.9
4424	-120.595	38.885	59	1318	420	22	158	1340	1702	-9999	-99.9	-99.9	-99.9
4425	-120.596	38.88	59	1318	422	22.4	158	1340	2311	-9999	-99.9	-99.9	-99.9
4426	-120.597	38.875	59	1318	424	22.8	158	1346	1526	-9999	-99.9	-99.9	-99.9
4427	-120.597	38.87	59	1318	426	23.1	158	1346	2841	-9999	-99.9	-99.9	-99.9
4428	-120.598	38.865	59	1318	428	23.5	158	1376	2123	-9999	-99.9	-99.9	-99.9
4429	-120.599	38.86	59	1318	430	23.9	158	1376	3087	-9999	-99.9	-99.9	-99.9
4430	-120.6	38.855	59	1318	432	24.3	158	1331	3381	-9999	-99.9	-99.9	-99.9
4431	-120.601	38.85	59	1318	434	24.8	158	1331	2786	-9999	-99.9	-99.9	-99.9



4483	-120.597	38.84	59	1320	438	26	158	1333	3116	3003	1.7	-2.4	2.9
4484	-120.598	38.835	59	1320	440	26.4	158	1237	2805	2867	1.8	-2.4	3
4485	-120.598	38.83	59	1320	442	26.8	158	1237	2689	2755	0.5	-0.7	0.9
4486	-120.599	38.825	59	1320	444	27.2	158	1179	2612	2897	1.9	-2.6	3.3
4487	-120.6	38.82	59	1320	446	27.7	158	1179	2348	2847	2	-0.5	2.1
4488	-120.601	38.815	59	1320	448	28.1	158	1138	2290	-9999	-99.9	-99.9	-99.9
4489	-120.602	38.81	59	1320	450	28.5	158	1138	2770	-9999	-99.9	-99.9	-99.9
4490	-120.603	38.805	59	1320	452	29	158	974	2734	-9999	-99.9	-99.9	-99.9
4491	-120.642	38.595	60	1320	26	50.2	158	821	1475	1966	4.7	-6.6	8.1
4492	-120.554	39.035	59	1322	358	17.5	158	1253	2974	-9999	-99.9	-99.9	-99.9
4493	-120.555	39.03	59	1322	360	17.4	158	1224	3186	3809	2.2	-3.1	3.8
4494	-120.556	39.025	59	1322	362	17.4	158	1224	3466	4124	2.5	-3.5	4.3
4495	-120.557	39.02	59	1322	364	17.3	158	1382	3578	4063	3.7	-1.7	4.1
4496	-120.558	39.016	59	1322	366	17.3	158	1382	3604	4028	3.9	-5.4	6.7
4497	-120.558	39.011	59	1322	368	17.3	158	1343	3407	3967	4.1	-7.2	8.3
4498	-120.559	39.006	59	1322	370	17.4	158	1343	3266	3768	3.9	-5.4	6.7
4499	-120.56	39.001	59	1322	372	17.4	158	1232	3457	3849	3.6	-4	5.4
4500	-120.561	38.996	59	1322	374	17.5	158	1232	3319	3874	4.4	-6	7.5
4501	-120.562	38.991	59	1322	376	17.5	158	1269	3300	3863	4.5	-6.2	7.7
4502	-120.563	38.986	59	1322	378	17.6	158	1269	3206	3844	4.4	-6.1	7.5
4503	-120.564	38.981	59	1322	380	17.7	158	1331	3283	3766	3.9	-5.4	6.7
4504	-120.565	38.976	59	1322	382	17.9	158	1331	3321	3614	2.5	-3.5	4.4
4505	-120.566	38.971	59	1322	384	18	158	1355	3157	3361	2.3	-3.2	4
4506	-120.567	38.967	59	1322	386	18.2	158	1355	2994	3494	3.5	-4.8	5.9
4507	-120.568	38.962	59	1322	388	18.4	158	1374	3159	3598	3.5	-4.9	6
4508	-120.568	38.957	59	1322	390	18.5	158	1374	3126	3490	2.9	-4	5
4509	-120.569	38.952	59	1322	392	18.7	158	1352	3027	3610	3.8	-5.3	6.5
4510	-120.57	38.947	59	1322	394	19	158	1352	3143	3569	4.1	-5.7	7.1
4511	-120.571	38.942	59	1322	396	19.2	158	1268	3156	3597	3.6	-5	6.2
4512	-120.572	38.937	59	1322	398	19.4	158	1268	3162	3632	3.8	-5.2	6.4
4513	-120.573	38.932	59	1322	400	19.7	158	1124	2952	3172	2.2	-4.8	5.2
4514	-120.574	38.927	59	1322	402	20	158	1124	3138	3379	2.6	-3.5	4.4
4515	-120.575	38.922	59	1322	404	20.2	158	1014	2932	3354	2.7	-3.8	4.7
4516	-120.576	38.918	59	1322	406	20.5	158	1014	2947	3205	2.4	-3.4	4.1
4517	-120.577	38.913	59	1322	408	20.8	158	1136	2480	2893	2.4	-3.4	4.2
4518	-120.578	38.908	59	1322	410	21.1	158	1136	2457	2683	2.2	-3	3.7
4519	-120.579	38.903	59	1322	412	21.5	158	1322	2621	2972	2.6	-3.7	4.5
4520	-120.579	38.898	59	1322	414	21.8	158	1322	2507	2783	2.1	-2.9	3.5
4521	-120.58	38.893	59	1322	416	22.1	158	1347	2403	2893	2	-2.7	3.4
4522	-120.581	38.888	59	1322	418	22.5	158	1347	1854	-9999	-99.9	-99.9	-99.9
4523	-120.582	38.883	59	1322	420	22.8	158	1359	1601	2069	2.3	-3.1	3.9
4524	-120.583	38.878	59	1322	422	23.2	158	1359	1690	1838	1.4	-1.9	2.3
4525	-120.584	38.873	59	1322	424	23.5	158	1370	1748	2065	0.2	-2.2	2.2
4526	-120.585	38.868	59	1322	426	23.9	158	1370	1841	-9999	-99.9	-99.9	-99.9
4527	-120.586	38.864	59	1322	428	24.3	158	1386	3040	-9999	-99.9	-99.9	-99.9
4528	-120.588	38.854	59	1322	432	25.1	158	1384	2966	-9999	-99.9	-99.9	-99.9
4529	-120.589	38.849	59	1322	434	25.5	158	1384	2758	3015	2.1	-3	3.6
4530	-120.589	38.844	59	1322	436	25.9	158	1333	2878	-9999	-99.9	-99.9	-99.9
4531	-120.59	38.839	59	1322	438	26.3	158	1333	2874	3175	2.4	-3.4	4.1
4532	-120.591	38.834	59	1322	440	26.7	158	1237	2378	3015	3.9	-5.4	6.7
4533	-120.593	38.824	59	1322	444	27.6	158	1179	2147	-9999	-99.9	-99.9	-99.9



4585	-120.545	39.014	59	1326	366	18.4	158	1426	3759	4193	3.1	-4.2	5.2
4586	-120.546	39.009	59	1326	368	18.4	158	1284	3559	3982	3.1	-4.3	5.3
4587	-120.547	39.004	59	1326	370	18.5	158	1284	3439	3656	2.7	-3.8	4.7
4588	-120.548	38.999	59	1326	372	18.5	158	1271	3363	3778	3	-4.2	5.2
4589	-120.549	38.995	59	1326	374	18.6	158	1271	3356	3822	3.7	-5.1	6.3
4590	-120.55	38.99	59	1326	376	18.6	158	1366	3396	3871	3.7	-5.2	6.4
4591	-120.55	38.985	59	1326	378	18.7	158	1366	3359	3769	3.2	-4.5	5.5
4592	-120.551	38.98	59	1326	380	18.8	158	1427	3287	3662	3	-4.1	5.1
4593	-120.552	38.975	59	1326	382	18.9	158	1427	3286	3642	2.8	-3.9	4.8
4594	-120.553	38.97	59	1326	384	19.1	158	1456	3197	3442	2.6	-3.6	4.5
4595	-120.554	38.965	59	1326	386	19.2	158	1456	3047	3662	3.3	-4.6	5.7
4596	-120.555	38.96	59	1326	388	19.4	158	1441	3163	3538	2	-1.9	2.7
4597	-120.556	38.955	59	1326	390	19.6	158	1441	3104	3801	1.9	-4.4	4.7
4598	-120.557	38.95	59	1326	392	19.8	158	1405	3293	-9999	-99.9	-99.9	-99.9
4599	-120.558	38.946	59	1326	394	20	158	1405	2815	3456	2.7	-3.7	4.6
4600	-120.559	38.941	59	1326	396	20.2	158	1330	3106	-9999	-99.9	-99.9	-99.9
4601	-120.56	38.936	59	1326	398	20.4	158	1330	3234	-9999	-99.9	-99.9	-99.9
4602	-120.56	38.931	59	1326	400	20.7	158	1211	3010	-9999	-99.9	-99.9	-99.9
4603	-120.561	38.926	59	1326	402	20.9	158	1211	3158	3559	4.1	-5.6	7
4604	-120.562	38.921	59	1326	404	21.2	158	1045	2850	3216	3	-4.1	5.1
4605	-120.563	38.916	59	1326	406	21.5	158	1045	2901	3358	3.7	-5.1	6.3
4606	-120.564	38.911	59	1326	408	21.7	158	1147	2382	-9999	-99.9	-99.9	-99.9
4607	-120.566	38.901	59	1326	412	22.3	158	1342	2133	-9999	-99.9	-99.9	-99.9
4608	-120.57	38.882	59	1326	420	23.7	158	1412	1652	3108	4.3	-5.9	7.3
4609	-120.571	38.877	59	1326	422	24	158	1412	1637	1668	0.2	-0.3	0.4
4610	-120.571	38.872	59	1326	424	24.4	158	1409	1872	2107	1.8	-2.6	3.1
4611	-120.572	38.867	59	1326	426	24.7	158	1409	2078	-9999	-99.9	-99.9	-99.9
4612	-120.573	38.862	59	1326	428	25.1	158	1421	2878	3259	2	-2.7	3.4
4613	-120.574	38.857	59	1326	430	25.5	158	1421	2619	2929	2.4	-3.3	4
4614	-120.576	38.847	59	1326	434	26.3	158	1443	2926	3124	1.6	-2.3	2.8
4615	-120.578	38.838	59	1326	438	27	158	1425	2841	-9999	-99.9	-99.9	-99.9
4616	-120.535	39.033	59	1328	358	19.1	158	1458	3652	-9999	-99.9	-99.9	-99.9
4617	-120.536	39.028	59	1328	360	19	158	1422	2667	3883	9.2	-12.8	15.8
4618	-120.537	39.023	59	1328	362	19	158	1422	3702	3929	2.1	-2.9	3.6
4619	-120.538	39.018	59	1328	364	19	158	1284	3808	4098	2.1	-2.9	3.6
4620	-120.539	39.013	59	1328	366	19	158	1284	3686	4040	2.8	-3.9	4.8
4621	-120.54	39.009	59	1328	368	19	158	1271	3590	3955	2.6	-3.6	4.5
4622	-120.541	39.004	59	1328	370	19	158	1271	3516	4010	3.2	-4.5	5.5
4623	-120.541	38.999	59	1328	372	19	158	1404	3464	3836	2.7	-3.7	4.6
4624	-120.542	38.994	59	1328	374	19.1	158	1404	3422	3746	2.4	-3.3	4
4625	-120.543	38.989	59	1328	376	19.2	158	1452	3377	3813	3.5	-4.8	5.9
4626	-120.544	38.984	59	1328	378	19.3	158	1452	3388	3883	3.9	-5.4	6.6
4627	-120.545	38.979	59	1328	380	19.4	158	1464	3215	3635	3.3	-4.6	5.7
4628	-120.546	38.974	59	1328	382	19.5	158	1464	3218	3565	3.3	-4.6	5.6
4629	-120.547	38.969	59	1328	384	19.6	158	1509	3138	3626	3.9	-5.4	6.6
4630	-120.548	38.964	59	1328	386	19.8	158	1509	3043	3688	3.3	-4.6	5.7
4631	-120.549	38.96	59	1328	388	19.9	158	1492	3066	3682	3.6	-5	6.2
4632	-120.55	38.955	59	1328	390	20.1	158	1492	2904	3841	8	-11	13.6
4633	-120.551	38.95	59	1328	392	20.3	158	1444	2805	3756	3.1	-4.3	5.3
4634	-120.551	38.945	59	1328	394	20.5	158	1444	3252	3100	1.8	-2.4	3
4635	-120.552	38.94	59	1328	396	20.7	158	1297	3193	-9999	-99.9	-99.9	-99.9



4687	-120.562	38.856	59	1330	430	26.3	158	1454	2091	-9999	-99.9	-99.9	-99.9
4688	-120.563	38.851	59	1330	432	26.7	158	1424	2758	2951	1	-1.3	1.6
4689	-120.563	38.846	59	1330	434	27	158	1424	2990	3017	1.2	-1.7	2.1
4690	-120.564	38.841	59	1330	436	27.4	158	1393	2854	2908	1	-1.4	1.7
4691	-120.565	38.836	59	1330	438	27.8	158	1393	2802	-9999	-99.9	-99.9	-99.9
4692	-120.523	39.027	59	1332	360	20.1	158	1292	2880	-9999	-99.9	-99.9	-99.9
4693	-120.524	39.022	59	1332	362	20.1	158	1292	3433	-9999	-99.9	-99.9	-99.9
4694	-120.525	39.017	59	1332	364	20.1	158	1301	3808	4096	1.2	-1.7	2.1
4695	-120.526	39.012	59	1332	366	20.1	158	1301	3802	-9999	-99.9	-99.9	-99.9
4696	-120.527	39.007	59	1332	368	20.1	158	1424	3883	-9999	-99.9	-99.9	-99.9
4697	-120.528	39.002	59	1332	370	20.1	158	1424	3665	-9999	-99.9	-99.9	-99.9
4698	-120.53	38.992	59	1332	374	20.2	158	1508	3396	3754	0.4	-2.2	2.2
4699	-120.531	38.987	59	1332	376	20.3	158	1502	3074	3479	1.4	-1.9	2.4
4700	-120.532	38.983	59	1332	378	20.3	158	1502	3158	3578	0.8	-2.7	2.8
4701	-120.533	38.978	59	1332	380	20.4	158	1504	3124	3475	2.6	-3.6	4.4
4702	-120.533	38.973	59	1332	382	20.6	158	1504	3066	3404	2.7	-3.8	4.7
4703	-120.534	38.968	59	1332	384	20.7	158	1517	2895	3111	1.8	-2.5	3.1
4704	-120.535	38.963	59	1332	386	20.8	158	1517	3100	-9999	-99.9	-99.9	-99.9
4705	-120.536	38.958	59	1332	388	21	158	1502	2840	2907	0.2	-0.3	0.4
4706	-120.537	38.953	59	1332	390	21.1	158	1502	2914	-9999	-99.9	-99.9	-99.9
4707	-120.538	38.948	59	1332	392	21.3	158	1418	3152	-9999	-99.9	-99.9	-99.9
4708	-120.539	38.943	59	1332	394	21.5	158	1418	2421	3848	3.7	-5.1	6.3
4709	-120.54	38.938	59	1332	396	21.7	158	1183	2607	4053	4.7	-6.5	8
4710	-120.541	38.934	59	1332	398	21.9	158	1183	3121	3939	5.5	-9.5	11
4711	-120.542	38.929	59	1332	400	22.1	158	1138	3112	3915	7.1	-9.8	12.1
4712	-120.544	38.914	59	1332	406	22.9	158	1266	1676	-9999	-99.9	-99.9	-99.9
4713	-120.546	38.904	59	1332	410	23.4	158	1376	2263	-9999	-99.9	-99.9	-99.9
4714	-120.547	38.899	59	1332	412	23.7	158	1407	2463	2458	2	-2.8	3.4
4715	-120.548	38.894	59	1332	414	24	158	1407	2488	-9999	-99.9	-99.9	-99.9
4716	-120.549	38.889	59	1332	416	24.3	158	1438	2020	-9999	-99.9	-99.9	-99.9
4717	-120.55	38.885	59	1332	418	24.6	158	1438	1696	-9999	-99.9	-99.9	-99.9
4718	-120.551	38.88	59	1332	420	25	158	1446	2002	-9999	-99.9	-99.9	-99.9
4719	-120.552	38.875	59	1332	422	25.3	158	1446	1591	-9999	-99.9	-99.9	-99.9
4720	-120.553	38.87	59	1332	424	25.6	158	1428	2023	-9999	-99.9	-99.9	-99.9
4721	-120.554	38.865	59	1332	426	26	158	1428	2023	-9999	-99.9	-99.9	-99.9
4722	-120.555	38.855	59	1332	430	26.7	158	1349	1907	2215	0.7	-1	1.2
4723	-120.556	38.85	59	1332	432	27.1	158	1306	2503	-9999	-99.9	-99.9	-99.9
4724	-120.558	38.84	59	1332	436	27.8	158	1302	2924	-9999	-99.9	-99.9	-99.9
4725	-120.559	38.836	59	1332	438	28.2	158	1302	3020	-9999	-99.9	-99.9	-99.9
4726	-120.518	39.021	59	1334	362	20.7	158	1292	3012	-9999	-99.9	-99.9	-99.9
4727	-120.519	39.016	59	1334	364	20.6	158	1301	4125	-9999	-99.9	-99.9	-99.9
4728	-120.52	39.011	59	1334	366	20.6	158	1301	3167	-9999	-99.9	-99.9	-99.9
4729	-120.523	38.992	59	1334	374	20.7	158	1508	3421	3561	1.2	-1.7	2
4730	-120.524	38.987	59	1334	376	20.8	158	1502	3211	3259	2.7	-2.3	3.5
4731	-120.525	38.982	59	1334	378	20.9	158	1502	3238	3513	2.3	-3.1	3.9
4732	-120.526	38.977	59	1334	380	21	158	1504	3044	3392	4.1	-5.7	7
4733	-120.527	38.972	59	1334	382	21.1	158	1504	2975	3496	3.6	-5	6.2
4734	-120.528	38.967	59	1334	384	21.2	158	1517	2709	3509	4.1	-5.7	7.1
4735	-120.529	38.962	59	1334	386	21.3	158	1517	2899	3371	3.8	-5.2	6.5
4736	-120.53	38.957	59	1334	388	21.5	158	1502	2968	3398	1.9	-2.6	3.2
4737	-120.531	38.952	59	1334	390	21.7	158	1502	2988	-9999	-99.9	-99.9	-99.9

4738	-120.532	38.948	59	1334	392	21.8	158	1418	3096	3599	4	-5.6	6.9
4739	-120.533	38.943	59	1334	394	22	158	1418	-9999	3730	4.1	-5.7	7.1
4740	-120.534	38.933	59	1334	398	22.4	158	1183	3009	-9999	-99.9	-99.9	-99.9
4741	-120.535	38.928	59	1334	400	22.6	158	1138	2811	-9999	-99.9	-99.9	-99.9
4742	-120.54	38.903	59	1334	410	23.9	158	1376	1476	-9999	-99.9	-99.9	-99.9
4743	-120.541	38.899	59	1334	412	24.2	158	1407	2354	-9999	-99.9	-99.9	-99.9
4744	-120.542	38.894	59	1334	414	24.5	158	1407	3142	-9999	-99.9	-99.9	-99.9
4745	-120.543	38.889	59	1334	416	24.8	158	1438	2029	-9999	-99.9	-99.9	-99.9
4746	-120.544	38.884	59	1334	418	25.1	158	1438	1731	-9999	-99.9	-99.9	-99.9
4747	-120.545	38.874	59	1334	422	25.7	158	1446	-9999	2624	3	-4.2	5.1
4748	-120.546	38.869	59	1334	424	26.1	158	1428	1893	-9999	-99.9	-99.9	-99.9
4749	-120.548	38.859	59	1334	428	26.8	158	1349	2300	-9999	-99.9	-99.9	-99.9
4750	-120.549	38.854	59	1334	430	27.1	158	1349	2035	2079	2.4	-3.4	4.1
4751	-120.555	38.825	59	1334	442	29.4	158	1069	1392	-9999	-99.9	-99.9	-99.9
4752	-120.513	39.015	59	1336	364	21.2	158	1499	3037	-9999	-99.9	-99.9	-99.9
4753	-120.521	38.971	59	1336	382	21.6	158	1552	2970	3219	2	-2.8	3.5
4754	-120.522	38.966	59	1336	384	21.7	158	1532	2848	3108	2.1	-3	3.7
4755	-120.524	38.957	59	1336	388	22	158	1484	3101	3482	3	-4.2	5.2
4756	-120.525	38.947	59	1336	392	22.3	158	1320	3091	3543	3.7	-3.8	5.3
4757	-120.526	38.942	59	1336	394	22.5	158	1320	3089	-9999	-99.9	-99.9	-99.9
4758	-120.531	38.917	59	1336	404	23.6	158	1428	1887	-9999	-99.9	-99.9	-99.9
4759	-120.533	38.908	59	1336	408	24.1	158	1428	2397	-9999	-99.9	-99.9	-99.9
4760	-120.537	38.883	59	1336	418	25.6	158	1462	2257	-9999	-99.9	-99.9	-99.9
4761	-120.543	38.854	59	1336	430	27.5	158	1188	2110	-9999	-99.9	-99.9	-99.9
4762	-120.544	38.849	59	1336	432	27.9	158	1162	2114	-9999	-99.9	-99.9	-99.9
4763	-120.547	38.829	59	1336	440	29.4	158	1039	2584	-9999	-99.9	-99.9	-99.9
4764	-120.515	38.971	59	1338	382	22.2	158	1552	3044	-9999	-99.9	-99.9	-99.9
4765	-120.517	38.956	59	1338	388	22.6	158	1484	3088	3444	2.4	-3.3	4.1
4766	-120.519	38.946	59	1338	392	22.9	158	1320	3052	-9999	-99.9	-99.9	-99.9
4767	-120.52	38.941	59	1338	394	23	158	1320	3061	3701	7	-9.7	12
4768	-120.521	38.936	59	1338	396	23.2	158	1063	2702	-9999	-99.9	-99.9	-99.9
4769	-120.523	38.927	59	1338	400	23.7	158	1305	3144	-9999	-99.9	-99.9	-99.9
4770	-120.534	38.868	59	1338	424	27	158	1369	1614	-9999	-99.9	-99.9	-99.9
4771	-120.537	38.853	59	1338	430	28	158	1188	1475	-9999	-99.9	-99.9	-99.9
4772	-120.538	38.843	59	1338	434	28.7	158	1162	1766	2254	2.7	-3.7	4.6