ID	strec	sid	qcom	year	month
1		1 RAS		1841	12
2		1 RAS		1856	12
3		1 RAS		1859	4
4		1 RAS		1860	5
5		1 RAS		1863	10
6		1 RAS		1864	10
7		1 RAS		1865	8
8		1 RAS		1866	11
9		1 RAS		1866	12
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11		1 RAS		1868	6
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18		1 RAS		1871	1
19		1 RAS		1872	2
20		1 RAS		1872	12
21		1 RAS		1872	12
22		1 RAS		1872	
23		1 RAS		1873	1
24		1 RAS		1873	1
25		1 RAS		1873	10
26		1 RAS		1873	12
27		1 RAS		1874	1
28		1 RAS		1875	5
28		2 RAS		1875	5
29		1 RAS		1875	5
30		1 RAS		1877	10
30		2 RAS		1877	10
31		1 RAS		1877	11
32		1 RAS		1878	3
33		1 RAS		1878	4
34		1 RAS		1879	
35		1 RAS		1880	8
36		1 RAS		1880	12
37		1 RAS		1880	12
38		1 RAS		1880	12
39		1 RAS		1880	12
40		1 RAS		1880	12
41		1 RAS		1880	12
42		1 RAS		1881	1
43		1 RAS		1881	1
44		1 RAS		1881	1
45		1 RAS		1881	1
46		1 RAS		1881	1
47		1 RAS		1881	3
48		1 RAS		1882	5
49		1 RAS		1883	6
50		1 RAS		1883	9
51		1 RAS		1884	1
52		1 RAS		1884	9
53		1 RAS		1885	5
54		1 RAS		1885	6
55		1 RAS		1885	10
56		1 RAS		1885	12
57		1 RAS		1885	12
58		1 RAS		1885	12
59		1 RAS		1886	4
60		1 RAS		1887	4

day	hour	min	sec	AMPM	time type
3	0	0			G
26					G
2	10	30			G
7					G
9					G
29					G
26	5				G
24	18	10			G
1					G
30					G
20					G
18					G
27	4				G
11					G
16	10	3			G
7	8				G
19					G
21	3	40			G
16	3	35			G
15	5	40			G
14					G
					G
9					G
16	22	30			G
19	22				G
17					G
					G
6	23	30			G
6	23	35			G
7	0	15			G
12	21	53			G
12	21	53			G
30	12				G
18	14	30			G
2	7				G
					G
22	21	25			G
8	1	54			G
10	13				G
13	4	40			G
15	2				G
21	7	16			G
30	7	25			G
6	6	56			G
7	0	20			G
7	6	15			G
17	7				G
31	5	45			G
15	6	30			G
1					G
					U
28	8	0			G
4	4	40			G
22	6				G
4	7	30			G
27	13	26			G
9	16				G
9	6	40			G
9	9	40			G
19	8	30			G
16	6	5			G
29					

dayofweek	lat	lattype	long	lontype	prec
		N		W	
	48	N	123	W	1 degree
		N		W	
	48	N	123	W	1 degree
		N		W	
	48.5	N	123.5	W	.5 degrees
		N		W	
		N		W	
		N		W	
	48	N	122	W	1 degree
		N		W	
		N		W	
		N		W	
		N		W	
		N		W	
		N		W	
	46.7	N	122.1	W	.1 degrees
		N		W	
		N		W	
		N		W	
		N		W	
		N		W	
		N		W

depth	depthu	depthprec	feltpl	feltst	int
			Vancouver	WA	V
			Port Townsend	WA	
			Olympia	WA	V
			Port Townsend	WA	
			Victoria	B.C.	
			Victoria	B.C.	
			Vancouver Island	B.C.	VI
			The Dalles	OR	IV
			The Dalles	OR	
			Mukilteo	WA	
			Mukilteo	WA	
			Port Townsend	WA	
			Astoria	OR	
			Victoria	B.C.	
			Victoria	B.C.	
			Vancouver	WA	
			Olympia	WA	
			Victoria	B.C.	
			Puget Sound	WA	VII
			Puget Sound	WA	
			Walla Walla	WA	
			Tacoma	WA	II
			Olympia	WA	
			Seattle	WA	IV
			Olympia	WA	IV
			Yakima	WA	
			Yakima	WA	
			Yakima	WA	
			Yakima	WA	
			N.W.	OR	VIII
			N.W.	OR	III
			Portland	OR	III
			Tacoma	WA	III
			Puget Sound	WA	
			Portland	OR	IV
			N.W.	WA	
			Olympia	WA	
			Bainbridge Island	WA	IV
			Puget Sound	WA	VII
			Bainbridge Island	WA	III
			Bainbridge Island	WA	IV
			Bainbridge Island	WA	III
			Bainbridge Island	WA	
			Bainbridge Island	WA	
			Bainbridge Island	WA	
			Bainbridge Island	WA	III
			Bainbridge Island	WA	III
			Bainbridge Island	WA	III
			Portland	OR	III
			Tacoma	WA	III
			Portland	OR	IV
			Tacoma	WA	III
			Olympia	WA	
			Olympia	WA	IV
			Olympia	WA	V
					V
			Port Angeles	WA	
			Tatoosh Island	WA	III
			Bainbridge Island	WA	
			Walla Walla	WA	

inttype	far	fari	faru	mag	magtype
MM					
MM					
MM					
MM					
MM	150000		mi2		
MM					
MM					
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MM					

magcom	evno
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ID	strec	sid	qcom	year	month
61		1 RAS		1888	2
62		1 RAS		1889	3
63		1 RAS		1889	
64		1 RAS		1889	10
65		1 RAS		1890	2
66		1 RAS		1890	3
67		1 RAS		1890	3
68		1 RAS		1890	3
69		1 RAS		1890	10
70		1 RAS		1891	3
71		1 RAS		1891	9
72		1 RAS		1891	9
73		1 RAS		1891	11
74		1 RAS		1892	2
75		1 RAS		1892	2
76		1 RAS		1892	3
77		1 RAS		1892	4
78		1 RAS		1893	3
79		1 RAS		1893	8
80		1 RAS		1894	5
81		1 RAS		1894	11
82		1 RAS		1895	2
83		1 RAS		1895	4
84		1 RAS		1896	1
85		1 RAS		1896	1
86		1 RAS		1896	2
87		1 RAS		1897	9
88		1 RAS		1897	12
89		1 RAS		1897	12
90		1 RAS		1898	1
91		1 RAS		1898	2
92		1 RAS		1898	2
93		1 RAS		1898	2
94		1 RAS		1898	2
95		1 RAS		1898	6
96		1 RAS		1898	8
97		1 RAS		1902	1
98		1 RAS		1902	12
99		1 RAS		1903	3
100		1 RAS		1903	12
101		1 RAS		1904	3
102		1 RAS		1904	6
102		2 RAS		1904	6
102		3 RAS		1904	6
103		1 RAS		1906	1
104		1 RAS		1906	6
105		1 RAS		1906	11
106		1 RAS		1907	5
107		1 RAS		1907	7
108		1 RAS		1909	1
109		1 RAS		1909	5
110		1 RAS		1909	12
111		1 RAS		1910	2
112		1 RAS		1910	2
113		1 RAS		1911	7
114		1 RAS		1911	9
115		1 RAS		1912	6
116		1 RAS		1912	11
116		2 RAS		1912	11
116		3 RAS		1912	11
117		1 RAS		1913	7
118		1 RAS		1913	12

day	hour	min	sec	AMPM	time type
1	12	0			G
16	22	0			G
	2				G
20	23				G
2	1	15			G
8					G
16	4	0			G
29	22	30			G
8	22				G
8	3	30			G
					U
21	13				G
29	23	21			G
4	4	30			G
29	10	45			G
	5	30			G
17	22	50			G
6				P	P
14	13	7			G
24	6	30			G
21					
25	12	47			G
16	8	2			G
4	6	15			G
9	5	56			G
7	5	55			G
27	9	30			G
15					G
16					G
11					G
2	2	30			G
22	2	25			G
22	9	15			G
22	13	30			G
3					G
12					G
					G
5	4				G
14	2	15			G
15					G
17	4	20			G
16	18	25			G
16	19	40			G
16	22	0			G
2	13	45			G
1	12	55			G
2	1	49			G
27	12	0			G
28	10	20			G
11	23	49			G
24	17	20			G
31	0	23			g
8	0	45			G
16	0	0			G
5	8				G
29	2	39			G
6				P	P
25	3	20			G
25	4	30			G
25	5	5			G
29	16	15			G
25	10	45			G

dayofweek	lat	lattype	long	lontype	prec
		N		W	
		N		W	
		N		W	
		N		W	
		N		W	
		N		W	
		N		W	
		N		W	
		N		W	
		N		W	
		N		W	
	48	N	123.5	W	.5 degree
		N		W	
		N		W	
		N		W	
		N		W	
	47	N	123	W	1 degree
	46	N	119	W	1 degree
		N		W	
		N		W	
		N		W	
	46.5	N	122.4	W	.1 degree
	48	N	123	W	1 degree
		N		W	
		N		W	
	48.3	N	124.3	W	.1 degree
		N		W	
	47.8	N	120	W	.1 degree
		N		W	
		N		W	
		N		W	
		N		W	
		N		W	
		N		W	
		N		W	
		N		W	
		N		W	
		N		W	
	47.7	N	122.2	W	.1 Degree
		N		W	
	48.5	N	123.3	W	.1 Degree
		N		W	
		N		W	
		N		W	
		N		W	
		N		W	
		N		W	
		N		W	
		N		W	
		N		W	
	49	N	122.7	W	.1 Degree
	47.6	N	120	W	.1 Degree
		N		W	
		N		W	
		N		W	
		N		W	
	48.8	N	122.7	W	.1 Degree
		N		W	
		N		W	
		N		W	
		N		W	
	47	N	122	W	1 Degree
	47.7	N	122.5	W	.1 Degree

depth	depthu	depthprec	feltpl	feltst	int
			Point No Point	WA	
			Point No Point	WA	
			Puyallup	WA	II
			Point No Point	WA	
			Admiralty Head	WA	
			Olympia	WA	III
			Roslyn	WA	III
			Roslyn	WA	III
			Point No Point	WA	
			Smith Island	WA	
			Tacoma	WA	
					V
			Port Angeles	WA	VII
			Portland	OR	VI
			The Dalles	OR	IV
			Kalama	WA	
			Olympia	WA	VI
					VII
			Mt. St Helens	OR	IV
			Tacoma	WA	II
			Mt. Rainier	WA	
					V
			Port Townsend	WA	VI
			Victoria	B.C.	VII
			Turn Point Lightho	WA	
					VI
			Olympia	WA	
			Lakeside	WA	
			Lakeside	WA	
			Brinnon	WA	
			Portland	OR	IV
			Portland	OR	III
			Ellensburg	WA	
			Lakeside	WA	
			Seattle	WA	
			Western Jefferson	WA	
			Hood River	OR	
					V
			Mt. Rainier	WA	
					V
			Portland	OR	IV
			Portland	OR	
			Portland	OR	
			N.E.	WA	
			Seattle	WA	V
			Colville	WA	V
			Portland	OR	III
			Port Townsend	WA	V
					VII
			Portland	OR	IV
			Portland	OR	
			Portland	OR	IV
			Ellensburg	WA	V
					V
			Seattle	WA	
			Seattle	WA	
			Seattle	WA	
			Seattle	WA	
			Mt. Rainier	WA	V

inttype	far	fari	faru	mag	magtype
MM					
MM					
MM					
MM					
MM					
MM		4000	mi2		
MM		10000	mi2		
MM					
MM					
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MM					
MM		10000	mi2		
MM		20000	mi2		
MM					
		7000	mi2		
MM					
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MM					
MM					
MM		25000	mi2		
MM					
MM					
MM					
MM					
MM		1500	mi2		

magcom	evno
	191
	193
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	194
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	385

ID	strec	sid	acom	year	month
118	2	RAS		1913	12
119	1	RAS		1914	2
120	1	RAS		1914	3
121	1	RAS		1914	8
122	1	RAS		1914	9
123	1	RAS		1915	1
124	1	RAS		1915	1
125	1	RAS		1915	2
126	1	RAS		1915	3
126	2	RAS		1915	3
127	1	RAS		1915	3
127	2	RAS		1915	3
128	1	RAS		1915	4
129	1	RAS		1915	5
130	1	RAS		1915	7
131	1	RAS		1915	8
132	1	RAS		1915	11
133	1	RAS		1915	12
134	1	RAS		1916	1
135	1	RAS		1916	2
136	1	RAS		1916	3
137	1	RAS		1916	4
138	1	RAS		1916	11
139	1	RAS		1917	3
140	1	RAS		1917	6
141	1	RAS		1917	11
142	1	RAS		1917	11
143	1	RAS		1918	2
144	1	RAS		1918	2
145	1	RAS		1918	4
146	1	RAS		1918	5
147	1	RAS		1918	6
148	1	RAS		1918	11
149	1	RAS		1918	12
150	1	RAS		1918	12
151	1	RAS		1919	6
152	1	RAS		1920	1
153	1	RAS		1920	3
154	1	RAS		1920	11
155	1	RAS		1920	11
156	1	RAS		1920	11
157	1	RAS		1920	11
158	1	RAS		1921	3
159	1	RAS		1921	9
159	2	RAS		1921	9
159	3	RAS		1921	9
159	4	RAS		1921	9
160	1	RAS		1921	9
161	1	RAS		1922	1
162	1	RAS		1922	1
163	1	RAS		1922	3
164	1	RAS		1922	5
165	1	RAS		1922	6
166	1	RAS		1922	7
167	1	RAS		1922	10
168	1	RAS		1923	2
169	1	RAS		1923	3
170	1	RAS		1923	7
170	2	RAS		1923	7
170	3	RAS		1923	7
171	1	RAS		1923	9
172	1	RAS		1924	1

day	hour	min	sec	AMPM	time type
25	14	40			G
1					G
22	14	30			G
8					G
5	9	35			G
18					G
26	0	55			G
11	3	7			G
1	18	0		3	G
1	3	0			G
5	5	10			G
5	5	30			G
22	18	34			G
20	3				G
18	20	54			G
18	14	5			G
18	23	42			G
10	20	45			G
2	0	52			G
22	23	45			G
2	23	15			G
24	4	43			G
21	19	30			G
28	17	5			G
9	14	30			G
12	10	47			G
14	0	57			G
13	2	0			G
28	23	15			G
18	21	13			G
7	21	15			G
21	6	47			G
1	17	20			G
6	8	45			G
26	6	0			G
6	6	30			G
24	7	9			G
2	4	20			G
9	20	20			G
28	11	30			G
28	11	30			G
29	14	10			G
4	20	0			G
14	11	0			G
14	13	5			G
14	13	0			G
14	13	20			G
22	19	20			G
31	14	30			G
31	19				G
27	6	15			G
15	17	30			G
1	23	30			G
5	18	5			G
16	4	20			G
12	18	30			G
12	18	15			G
14	23	30			G
15	0	10			U
15	1	45			U
					G
6	13	9			G

dayofweek	lat	lattype	long	lontype	prec
		N		W	
		N		W	
		N		W	
		N		W	
	47	N	123	W	1degree
		N		W	
		N		W	
		N		W	
		N		W	
		N		W	
		N		W	
		N		W	
		N		W	
		N		W	
	45.5	N	122.7	W	.1 Degree
		N		W	
	48.5	N	121.4	W	.1 Degree
		N		W	
		N		W	
	47.3	N	122.3	W	.1 Degree
	48.8	N	122.6	W	.1 Degree
		N		W	
		N		W	
		N		W	
	46.8	N	122	W	.1 Degree
	46.8	N	122	W	.1 Degree
	46.8	N	121.8	W	.1 degree
	46.8	N	121.8	W	.1 Degree
		N		W	
	46.5	N	120.5	W	.5 degree
		N		W	
		N		W	
	46.5	N	121.7	W	.1 degree
	46.7	N	119.5	W	.1 degree
	49.3	N	123	W	.1 degree
		N		W	
		N		W	
	49	N	122.7	W	.1 Degree
		N		W	
		N		W	
		N		W	
		N		W	
		N		W	
		N		W	
		N		W	
		N		W	
		N		W	
		N		W	
		N		W	
		N		W	
		N		W	
		N		W	
		N		W	
		N		W	
		N		W	
	49	N	122.7	W	.1 Degree
		N		W	
		N		W	
		N		W	
		N		W	
	47.8	N	121.8	W	.1 Degree
		N		W	

depth	depthu	depthprec	feltpl	feltst	int
			Lakeside	WA	
			Portland	OR	IV
			Lakeside	WA	
			Olympia	WA	V
			Summerville	OR	III
			Longmire	WA	IV
			Queets River	WA	III
			Lakeside	WA	III
			Lakeside	WA	III
			Lakeside	WA	IV
			Lakeside	WA	IV
			Tacoma	WA	
					V
			Lakeside	WA	IV
					V
			La Center	WA	V
			Spokane	WA	IV
					V
					V
			Cedar Falls	WA	II
			Sumner	WA	II
			Silverton	WA	IV
					V
					V
					V
					V
			Portland	OR	III
					V
			White Bluffs Prarie	WA	IV
			North Fork, Sauk R	WA	IV
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					VI
					V
			Bullrun	OR	IV
			Seattle	WA	
					VII
			Glenoma	WA	IV
			Portland	OR	III
			Hood River	OR	IV
			Spokane	WA	
			Spokane	WA	
			Portland	OR	
			Walla Walla	WA	VI
			Walla Walla	WA	
			Walla Walla	WA	
			Walla Walla	WA	
			Portland	OR	IV
			Tonasket	WA	III
			Republic	WA	
			Portland	OR	IV
			Portland	OR	
			Spokane	WA	IV
			Stabler	WA	IV
			Hermiston	OR	III
					V
			Anacortes	WA	IV
			Silverton	WA	IV
			Silverton	WA	IV
			Silverton	WA	IV
			Walla Walla	WA	IV

inttype	far	fari	faru	mag	magtype
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ID	strec	sid	qcom	year	month
173		1 RAS		1924	2
174		1 RAS		1924	4
175		1 RAS		1924	5
176		1 RAS		1924	9
177		1 RAS		1925	8
178		1 RAS		1925	8
179		1 RAS		1925	11
180		1 RAS		1926	4
181		1 RAS		1926	4
182		1 RAS		1926	10
183		1 RAS		1926	12
184		1 RAS		1926	12
185		1 RAS		1927	1
186		1 RAS		1927	3
187		1 RAS		1928	1
188		1 RAS		1928	2
189		1 RAS		1928	2
190		1 RAS		1928	7
191		1 RAS		1928	9
192		1 RAS		1941	4
193		1 RAS		1948	3
194		1 RAS		1948	8
195		1 RAS		1948	8
196		1 BRAD		1833	6
197		1 BRAD		1856	12
198		1 BRAD		1857	9
199		1 BRAD		1860	5
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209		1 BRAD		1872	12
210		1 BRAD		1873	1
211		1 BRAD		1873	10
212		1 BRAD		1873	12
213		1 BRAD		1873	12
214		1 BRAD		1874	
215		1 BRAD		1878	3
216		1 BRAD		1880	8
217		1 BRAD		1880	12
218		1 BRAD		1880	12
219		1 BRAD		1880	12

day	hour	min	sec	AMPM	time type
10	14	5			G
25	8	3			G
27	0	19			G
19	17	30			G
1	20	5			G
15	0	8			G
26	21	40			G
11	3	28			G
23	13	56			G
17	2	45			G
4	13	55			G
30	17	57			G
3	4	58			G
28	7	56			G
24	17	45			G
2	12	52			G
9	11	5			G
6	5	30			G
4					G
12	17	40			G
1	6	30			G
3	12	0			G
28	22	25			G
29	13	40	0		U
26					U
					U
7					U
29					U
12					U
25	9			P	U
30					U
19					U
14	9	20		P	U
14	21	40	30		U
14	21	46			U
14	22				U
14	23				U
15	21	40			
15	5				
16	9	17	30		
16					
14	9	40	30	P	U
14	9	46	30	P	U
14	9	47	30	P	U
14	9	48	30	P	U
14	10	12	40	P	U
15	3			A	
15	5			A	
15	6	37	30	P	
16	9	17	30	A	
15					U
16					U
9					U
19	2			P	U
17	11			P	U
17					U
					U
18	6	30		A	U
22	1	25		P	U
7	5	54		P	U
10	5			A	U
12	8	40		P	U

dayofweek	lat	lattype	long	lontype	prec
		N		W	
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	49.1	N	122.2	W	.1 Degree
	47.8	N	121.7	W	.1 Degree
	48.5	N	125	W	.5 Degree
	48.1	N	121.6	W	.1 Degree
	48.3	N	121.6	W	.1 Degree
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Saturday		N		W	
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Sunday		N		W	
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Monday		N		W	
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depth	depthu	depthprec	feltpl	feltst	int
			Seattle	WA	
			Seattle	WA	III
			Walla Walla	WA	IV
			Brush Prairie	WA	IV
			Port Angeles	WA	IV
			Seattle	WA	III
			Haro Strait	WA	III
			Walla Walla	WA	III
			Walla Walla	WA	IV
			White Salmon	WA	V
			Anacortes	WA	V
			Chelan	WA	VI
			Leavenworth	WA	V
			Northhead	WA	IV
					VI
					V
			Waterville	WA	
			Buxton	OR	IV
			Snoqualmie Falls	WA	V
			Deer Park	WA	IV
			Fort Nisqually	WA	II
			Port Townsend	WA	
			Birch Bay	WA	
			Port Townsend	WA	
			Victoria	B.C.	
			Victoria	B.C.	
			Vancouver Island	B.C.	VI
			Mukilteo	WA	
			Mt. Rainier	WA	
				OR	
			Puget Sound	WA	
			Puget Sound	WA	VII
			Puget Sound	WA	
			Puget Sound	WA	
			Puget Sound	WA	
			Puget Sound	WA	
			Puget Sound	WA	
			Eugene	OR	
			Olympia	WA	VII
			Olympia	WA	
			Olympia	WA	
			Olympia	WA	
			Olympia	WA	
			Olympia	WA	
			Olympia	WA	
			Olympia	WA	
			Olympia	WA	
			Olympia	WA	
			Puget Sound	WA	
			Walla Walla	WA	
			Tacoma	WA	II
			Seattle	WA	IV
			Victoria	B.C.	IV
			Olympia	WA	
			Tacoma	WA	
			Tacoma	WA	III
			Vancouver Island	B.C.	
			Olympia	WA	
			Bainbridge Islan	WA	
			Puget Sound	WA	VII

inttype	far	fari	faru	mag	magtype
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ID	strec	sid	qcom	year	month
220	1	BRAD		1880	12
221	1	BRAD		1880	12
222	1	BRAD		1880	12
223	1	BRAD		1881	1
223	2	BRAD		1881	1
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239	1	BRAD		1880	
240	1	BRAD		1888	2
241	1	BRAD		1889	3
242	1	BRAD		1889	
243	1	BRAD		1889	10
244	1	BRAD		1890	2
245	1	BRAD		1890	3
246	1	BRAD		1890	3
247	1	BRAD		1890	3
248	1	BRAD		1890	10
249	1	BRAD		1891	3
250	1	BRAD		1891	3
251	1	BRAD		1891	9
252	1	BRAD		1891	9
253	1	BRAD		1891	9
254	1	BRAD		1891	11
255	1	BRAD		1891	11
256	1	BRAD		1891	11
257	1	BRAD		1891	11
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265	1	BRAD		1894	11
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268	1	BRAD		1895	2
269	1	BRAD		1895	4
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272	1	BRAD		1895	6
273	1	BRAD		1895	6
274	1	BRAD		1895	7
275	1	BRAD		1895	9
276	1	BRAD		1895	11
277	1	BRAD		1896	1

day	hour	min	sec	AMPM	time type
14	7			P	U
20	11	16		P	U
29	11	25		P	U
5	10	56		P	U
6	4	20		P	U
7	10	15		P	U
16	11			P	U
30	9	45		P	U
14	10	30		P	U
10				P	U
					U
28	0	0	10		L
3	20	40			U
21					U
3	23	30			L
27	5	26			U
9	8				U
8	22	40			L
8	10	12		P	U
18	0	30			U
16	10	5		P	U
					U
1	4			A	U
16	2			P	U
	18				U
20	3			P	U
1	5	15		P	U
8					U
15	20				U
29	14	30			U
8	2			P	U
7	7	35		P	U
7	7	30		P	U
					U
21	4	10		A	U
22	3	40		A	U
29	3	21		P	U
29	3	34		P	U
29	3	14		P	U
29	3	16		P	U
17	2	55		P	U
17	2	45		P	U
16					U
14	5	7		A	U
14	3	25		A	U
14					U
23	22	30			U
21					U
21	6	30		P	U
21	6	20		A	U
13	9			P	U
24					U
25	4	47		A	P
16					U
19					U
11					U
15					U
28					U
					U
1					U
30					U
3	10	9		P	P

dayofweek	lat	lattype	long	lontype	prec
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		N		W	

depth	depthu	depthprec	feltpl	feltst	int
			Bainbridge Islan	WA	III
			Bainbridge Islan	WA	
			Bainbridge Island	WA	III
			Bainbridge Islan	WA	III
			Bainbridge Island	WA	
			Bainbridge Islan	WA	
			Bainbridge Islan	WA	
			Bainbridge Island	WA	
			Bainbridge Island	WA	III
			Victoria	B.C.	III
			Tacoma	WA	III
			Portland	OR	
			Portland	OR	IV
			Tacoma	WA	III
			Olympia	WA	II
			Olympia	WA	IV
			Olympia	WA	V
			Puget Sound	WA	V
			Victoria	B.C.	V
			Tatoosh Island	WA	III
			Bainbridge Islan	WA	
			Mount Idaho	ID	
			Point No Point Lig	WA	
			Point No Point Lig	WA	
			Puyallup	WA	II
			Point No Point Lig	WA	
			Admiralty Head li	WA	
			Olympia	WA	III
			Roslyn	WA	III
			Roslyn	WA	III
			Point No Point Lig	WA	
			Admiralty Head Li	WA	
			Smith Island Light	WA	
			Tacoma	WA	II
			Port Angeles	WA	VI
			Victoria	B.C.	
			Seattle	WA	
			Pysht	WA	VI
			Port Townsend	WA	VII
			Tacoma	WA	
			Tacoma	WA	II
			Olympia	WA	
			Sidney	B.C.	II
			Green River Mines	WA	IV
			Olympia	WA	
			Vancouver Island	B.C.	
			Tacoma	WA	II
			Mt. Rainier	WA	
			Tacoma	WA	
			Mt. Rainier	WA	
			Mt. Rainier	WA	
			Mt. Rainier	WA	
			Green River Mines	WA	V
			Port Townsend	WA	VI
			Victoria	B.C.	
			Mt. Baker	WA	
			Port Townsend	WA	
			Mount Rainier	WA	
			Vancouver Island	B.C.	VII
			Tacoma	WA	
			Kyuquot	B.C.	
			Esquimault	B.C.	

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ID	strec	sid	acom	year	month
278	1	BRAD		1896	1
279	1	BRAD		1896	1
280	1	BRAD		1896	2
281	1	BRAD		1896	3
282	1	BRAD		1897	9
283	1	BRAD		1897	12
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288	1	BRAD		1903	3
289	1	BRAD		1904	3
290	1	BRAD		1907	7
291	1	BRAD		1909	1
292	1	BRAD		1911	7
293	1	BRAD		1911	9
294	1	BRAD		1912	3
295	1	BRAD		1912	6
296	1	BRAD		1912	11
296	2	BRAD		1912	11
296	3	BRAD		1912	11
297	1	BRAD		1913	7
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298	2	BRAD		1913	12
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303	1	BRAD		1915	2
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305	1	BRAD		1915	3
306	1	BRAD		1915	3
307	1	BRAD		1915	4
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310	1	BRAD		1915	8
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316	1	BRAD		1916	11
317	1	BRAD		1917	3
318	1	BRAD		1917	6
319	1	BRAD		1917	11
320	1	BRAD		1917	11
321	1	BRAD		1918	5
322	1	BRAD		1918	6
323	1	BRAD		1918	12
324	1	BRAD		1919	6
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331	1	BRAD		1924	2
332	1	BRAD		1924	4
333	1	BRAD		1924	9
334	1	BRAD		1925	8
335	1	BRAD		1925	8
336	1	BRAD		1925	11

day	hour	min	sec	AMPM	time type
3	10	20		P	U
8	9	56		P	U
6	9	55		P	U
15					U
27	1	30		A	U
15					U
16					U
11					U
2	6	30		P	U
12					U
13	6	15		P	U
16	8	20		P	U
28	2	20		A	U
11				P	U
4	6	23	24		U
28					U
11	2			A	U
6				P	U
24	7	20		A	L
24	8	30		A	L
24	9	5		A	L
29					U
25	2	45		A	U
25	6	40		A	U
5	1	35		A	U
29					U
25					U
10	7	7		P	U
28	10			A	U
28	7			P	U
5	5	10		A	U
5	5	30		A	U
22	10	35		A	U
18	12	54		P	U
18	6	5		A	U
18	10			A	U
18	3	25		P	U
1	4	52		P	U
22	3	45		A	U
2	3	15		P	U
23	8	43		P	U
21	11	30		A	U
28	9	5		A	U
9	6	30		A	U
12	2	47		A	U
13	6	57		P	U
7					U
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23	11	9		P	U
1	8	20		P	U
12	10	30		A	U
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14	3	30		P	U
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10	6	5		A	U
25	12	3		A	U
19					U
1	12	50		P	U
13	4	8		P	U
26	1	40		P	U

dayofweek	lat	lattype	long	lontype	prec
		N		W	
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		N		W	
		N		W	
		N		W	
		N		W	
	47.75	N	122.5	W	.25 degrees
	47.75	N	122.5	W	.25 degrees
		N		W	
		N		W	
		N		W	
		N		W	
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		N		W	
		N		W	
		N		W	
		N		W	
	49	N	120.334	W	
	48.53	N	121.43	W	1 minute
		N		W	
	47.33	N	122.33	W	.6 Degree
	47.78	N	122.58	W	1 minute
		N		W	
		N		W	
		N		W	
		N		W	
		N		W	
		N		W	
		N		W	
	48.1	N	121.37	W	1 Minute
		N		W	
		N		W	
		N		W	
	49	N	122.66	W	.33 Degree
	46.5	N	122.12	W	1 Minute
		N		W	
		N		W	
		N		W	
		N		W	
		N		W	
		N		W	
		N		W	
		N		W	
		N		W	
		N		W	

depth	depthu	depthprec	feltpl	feltst	int
			Victoria	B.C.	
			Turn Point Lightho	WA	
			East Clallam	WA	
			Burrard Mountains	B.C.	
			Olympia	WA	
			Waterville	WA	
			Lakeside	WA	
			Lakeside	WA	
			Brinnon	WA	
			Seattle	WA	
			Lake Washington	WA	
			Seattle	WA	III
			Victoria	B.C.	
				WA	
			Victoria	B.C.	IV
			Bellingham	WA	VI
			Triangle Island	B.C.	
			Seattle	WA	
			Seattle	WA	
			Seattle	WA	
			Seattle	WA	
			Mt Rainier	WA	V
			Edmonds	WA	
			Edmonds	WA	
			Olympia	WA	
				WA	
			Longmire Springs	WA	IV
			Queets River	WA	II
			Lakeside	WA	III
			Lakeside	WA	III
			Lakeside	WA	IV
			Lakeside	WA	IV
			Seattle	WA	
			Lakeside	WA	IV
				B.C.	VII
			Seattle	WA	
			La Center	WA	
			Tacoma	WA	
			Marietta	WA	
			Cedar Falls	WA	II
			Sumner	WA	II
			Silverton	WA	IV
			Mt. Rainier	WA	V
			Glenoma	WA	V
			Mt. Rainier	WA	V
			Longmire Springs	WA	V
			North Fork, Sauk R	WA	IV
			Longmire Springs	WA	V
			Vancouver Island	B.C.	
			Seattle	WA	
			Bellingham	WA	
			Glenoma	WA	IV
			Bellingham	WA	
			Anacortes	WA	
			Silverton	WA	IV
			Sultan	WA	
			Seattle	WA	
			Seattle	WA	
			Vancouver	WA	
			Port Angeles	WA	
			Seattle	WA	
			Victoria	B.C.	

inttype	far	fari	faru	mag	magtype
	10000		mi2		
RF					
	25000		mi2		
RF					
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RF					
	8000		mi2		
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	30000		mi2		
	12000		mi2		
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RF	1000		mi2		
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RF					

magcom	evno
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	538
	539

ID	strec	sid	qcom	year	month
337		1 BRAD		1926	12
338		1 BRAD		1927	1
339		1 BRAD		1927	3
340		1 BYERL		1866	6
341		1 BYERL		1866	12
342		1 BYERL		1872	12
343		1 BYERL		1872	12
344		1 BYERL		1872	12
345		1 BYERL		1873	11
346		1 BYERL		1876	8
347		1 BYERL		1877	10
348		1 BYERL		1877	10
349		1 BYERL		1877	10
350		1 BYERL		1879	
351		1 BYERL		1880	12
352		1 BYERL		1882	4
353		1 BYERL		1882	5
354		1 BYERL		1883	9
355		1 BYERL		1884	1
356		1 BYERL		1885	10
357		1 BYERL		1891	9
358		1 BYERL		1891	11
359		1 BYERL		1892	2
360		1 BYERL		1892	4
361		1 BYERL		1893	3
362		1 BYERL		1895	2
363		1 BYERL		1896	4
364		1 BYERL		1896	6
365		1 BYERL		1897	1
366		1 BYERL		1897	12
367		1 BYERL		1902	6
368		1 BYERL		1902	6
369		1 BYERL		1902	12
370		1 BYERL		1902	12
371		1 BYERL		1902	12
372		1 BYERL		1905	11
373		1 BYERL		1906	4
374		1 BYERL		1906	4
375		1 BYERL		1906	4
376		1 BYERL		1906	4
377		1 BYERL		1906	4
378		1 BYERL		1906	4
379		1 BYERL		1909	10
380		1 BYERL		1913	3
381		1 BYERL		1913	3
382		1 BYERL		1913	10
383		1 BYERL		1914	3
384		1 BYERL		1914	9
385		1 BYERL		1915	1
386		1 BYERL		1915	5
387		1 BYERL		1915	10
388		1 BYERL		1915	10
389		1 BYERL		1916	1
390		1 BYERL		1916	5
391		1 BYERL		1916	5
392		1 BYERL		1919	12
393		1 BYERL		1920	4
394		1 BYERL		1920	11
395		1 BYERL		1920	11
396		1 BYERL		1920	12
397		1 BYERL		1921	2
398		1 BYERL		1921	3

day	hour	min	sec	AMPM	time type
4					U
2	8	58		A	U
27	11	57		P	U
2					
14					
15					
16					
22					
16					
12	9			A	
12	1	53		P	
26					
12					
30					
1					
28					
3					
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25					
4					

dayofweek	lat	lattype	long	lontype	prec
		N		W	
		N		W	
		N		W	
		N		W	
		N		W	
		N		W	
		N		W	
		N		W	
		N		W	
	41.92	N	126.42	W	1minute
		N		W	
		N		W	
	43.2166	N	128	W	1 minute
		N		W	
		N		W	
		N		W	
		N		W	
		N		W	
		N		W	
		N		W	
		N		W

depth	depthu	depthprec	feltpl	feltst	int
			Victoria	B.C.	
			Leavenworth	WA	
			North Head	WA	
			Jackson County	OR	
			The Dalles	OR	III
			Olympia	WA	VII
				OR	
			Eugene	OR	
			Crescent City	CA	VIII
			Offshore	OR	
			Cascades	OR	
			Cascades	OR	VIII
			Portland	OR	
			Puget Sound	WA	VIII
			Portland	OR	IV
			Portland	OR	
			Portland	OR	
			Portland	OR	IV
			Portland	OR	III
			Salem	OR	
			Ashland	OR	
			Portland	OR	
			Portland	OR	
			Umatilla	OR	
			Green River Mines	WA	VI
			Portland	OR	
			Cape Blanco Ligh	OR	
			Newport	OR	
			Forest Grove	WA	
			Newport	OR	
			Newport	OR	
			Kerby	OR	
			Hood River	OR	
			Fox Valley	OR	
			Baker	OR	
			Ashland	OR	
			Ashland	OR	
			San Francisco	CA	
			Paisley	OR	
			Grants Pass	OR	
			Paisley	OR	
			Humbolt	CA	IX
			Medford	OR	
			Roseburg	OR	
			Seven Devils Regi	OR	
			Portland	OR	
			Olympia	WA	V
			Summerville	OR	
			Portland	OR	
			Baker	OR	
			Fruita		
			Newport	OR	
			Boise	OR	VII
			Baker	OR	
			Bullrun	OR	
			Crater Lake	OR	V
			Portland	OR	
			WA-OR Border	OR	
			Cascadia	OR	
			Cascadia	OR	
			Portland	OR	

inttype	far	fari	faru	mag	magtype
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magcom	evno
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	467
	469
	470

ID	strec	sid	qcom	year	month
399		1 BYERL		1921	9
400		1 BYERL		1922	1
401		1 BYERL		1922	5
402		1 BYERL		1922	7
403		1 BYERL		1922	10
404		1 BYERL		1922	12
405		1 BYERL		1923	1
406		1 BYERL		1923	1
407		1 BYERL		1924	1
408		1 BYERL		1924	1
409		1 BYERL		1925	3
410		1 BYERL		1925	7
411		1 BYERL		1927	4
412		1 BYERL		1927	8
413		1 BYERL		1928	9
414		1 HOLD1		1841	
415		1 HOLD1		1842	9
416		1 HOLD1		1842	11
417		1 HOLD1		1842	
418		1 HOLD1		1843	11
419		1 HOLD1		1843	
420		1 HOLD1		1846	
421		1 HOLD1		1853	
422		1 HOLD1		1854	3
423		1 HOLD1		1854	2
424		1 HOLD1		1854	4
425		1 HOLD1		1854	5
426		1 HOLD1		1854	8
427		1 HOLD1		1856	12
428		1 HOLD1		1859	8
429		1 HOLD1		1859	11
430		1 HOLD1		1859	12
431		1 HOLD1		1860	4
432		1 HOLD1		1860	5
433		1 HOLD1		1864	10
434		1 HOLD1		1865	6
435		1 HOLD1		1865	8
436		1 HOLD1		1865	9
437		1 HOLD1		1865	9
438		1 HOLD1		1865	11
439		1 HOLD1		1866	2
440		1 HOLD1		1866	12
441		1 HOLD1		1867	1
442		1 HOLD1		1868	5
443		1 HOLD1		1871	5
444		1 HOLD1		1872	12
445		1 HOLD1		1872	12
445		2 HOLD1		1872	12
445		3 HOLD1		1872	12
445		4 HOLD1		1872	12
445		5 HOLD1		1872	12
445		6 HOLD1		1872	12
445		7 HOLD1		1872	12
445		8 HOLD1		1872	12
445		9 HOLD1		1872	12
446		1 HOLD1		1872	12
447		1 HOLD1		1873	10
448		1 HOLD1		1873	11
449		1 HOLD1		1876	10
450		1 HOLD1		1877	10
451		1 HOLD1		1878	3
452		1 HOLD1		1879	

day	hour	min	sec	AMPM	time type
22					
31					
15					
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15					
12					
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22					
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19					
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20					
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28					
23					
23					
10					
23	11	20		P	U
26					
15					
22					
26					
7					
29				P	
12					
25	9			P	U
21					
23					
26					
17					
8				A	
30					
19					
14	9	20		P	
14	9	40	30		U
14	9	46	30		U
14	9	47	30		U
14	9	48	30		U
14	10	12	40		U
15	3			A	
15	5			A	
15	6	37	30	P	
16	9	17	30	A	
15					
19	2			P	U
22	9			P	U
12	1	53		P	U
18	6	30		A	U

dayofweek	lat	lattype	long	lontype	prec
		N		W	
		N		W	
		N		W	

depth	depthu	depthprec	feltpl	feltst	int
			Portland	OR	
			Southern OR	OR	
			Portland	OR	IV
			Portland	OR	III
			Hermiston	OR	
			Pendleton	OR	
			Lake County	OR	VI
			N. CA & S. OR	OR	
			Stanfield	OR	V
			Milton	OR	V
				OR	
			Lakeview	OR	
			Richland	OR	
			Humboldt Bay	CA	
			Newport	OR	
			Mt. Rainier	WA	
			Mt. St Helens	OR	
			Mt. St Helens	OR	
			Mt. Baker	WA	
			Mt. Rainier	WA	
			Mt. Baker	WA	
			Oregon City	OR	
			Mt. St. Helens	OR	
			Mt. St. Helens	OR	
			Mt. St Helens	OR	
			Mt. St Helens	OR	
			Crescent City	CA	
			Mount Hood	OR	
			Port Townsend	WA	
			Mt. Hood	OR	
			Mt. Baker	WA	
			Mt. Baker	WA	
			Mt. Baker	WA	
			Port Townsend	WA	
			Vancouver Island	B.C.	
			Victoria	B.C.	
			Vancouver Island	B.C.	
			Mount Hood	OR	
			Mt. Hood	OR	
			Offshore	OR	
			Klamath River	OR	
			The Dalles	OR	
			Fort Klamath	OR	
			Mukilteo	WA	
			Mt. Rainier	WA	
				OR	
			Olympia	WA	
			Olympia	WA	
			Olympia	WA	
			Olympia	WA	
			Olympia	WA	
			Olympia	WA	
			Olympia	WA	
			Olympia	WA	
			Eugene, OR to B.	WA	
			Puget Sound	WA	
			Seattle	WA	
			Crescent City	CA	
			White Sulpher Spri	OR	
			Portland	OR	
			Tacoma	WA	
			Portland	OR	

inttype	far	fari	faru	mag	magtype
RF					
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magcom	evno
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ID	strec	sid	acom	year	month
453		1 HOLD1		1880	8
454		1 HOLD1		1880	12
455		1 HOLD1		1880	12
456		1 HOLD1		1880	12
457		1 HOLD1		1880	12
458		1 HOLD1		1880	12
459		1 HOLD1		1880	12
460		1 HOLD1		1881	1
460		2 HOLD1		1881	1
460		3 HOLD1		1881	1
461		1 HOLD1		1881	1
462		1 HOLD1		1881	1
463		1 HOLD1		1881	3
464		1 HOLD1		1882	4
465		1 HOLD1		1882	5
466		1 HOLD1		1882	10
467		1 HOLD1		1883	9
468		1 HOLD1		1884	1
469		1 HOLD1		1884	9
470		1 HOLD1		1885	5
471		1 HOLD1		1885	6
472		1 HOLD1		1885	10
473		1 HOLD1		1885	10
474		1 HOLD1		1885	12
475		1 HOLD1		1885	12
476		1 HOLD1		1885	12
477		1 HOLD1		1880	
478		1 TA-OR		1846	
479		1 TA-OR		1865	11
480		1 TA-OR		1866	6
481		1 TA-OR		1866	12
482		1 TA-OR		1866	12
483		1 TA-OR		1867	1
484		1 TA-OR		1872	12
485		1 TA-OR		1872	12
486		1 TA-OR		1872	12
487		1 TA-OR		1873	11
488		1 TA-OR		1876	8
489		1 TA-OR		1877	10
490		1 TA-OR		1877	10
491		1 TA-OR		1877	10
492		1 TA-OR		1879	
493		1 TA-OR		1879	
494		1 TA-OR		1880	12
495		1 TA-OR		1882	4
496		1 TA-OR		1882	5
497		1 TA-OR		1883	9
498		1 TA-OR		1884	1
499		1 TA-OR		1885	10
500		1 TA-OR		1891	9
501		1 TA-OR		1891	11
502		1 TA-OR		1892	2
503		1 TA-OR		1892	4
504		1 TA-OR		1893	3
505		1 TA-OR		1895	2
506		1 TA-OR		1896	4
507		1 TA-OR		1896	6
508		1 TA-OR		1896	8
509		1 TA-OR		1897	1
510		1 TA-OR		1897	12
511		1 TA-OR		1902	6
512		1 TA-OR		1902	6

day	hour	min	sec	AMPM	time type
22	1	25		P	U
7	5	54		P	U
10	5			A	U
12	8	40		P	U
14	7			P	U
20	11	16		P	U
29	11	25		P	U
5	10	56		P	U
6	4	20		P	U
7	10	15		P	U
16	11			P	U
30	9	45		P	U
14	10	30		P	U
30	10	48		P	U
1	12	25		A	U
9					
28				P	
3	20	40			U
21	22				U
3	23	30			L
27	5	26			U
9	8				U
10	1				U
8	22	40			U
8	10	12		P	U
18	0	30			U
26					
2					
8				A	L
14	9	40		P	L
15	9			A	L
16	9	17		A	L
22	9			P	L
16	1	15		P	L
12	9			A	L
12	1	53		P	L
26	5			P	L
12	8	40		P	L
30	10	48		P	L
1	12	25		A	L
28	0	0		10 P	L
3	8	40		P	P
10	1			A	P
16	8	30		P	P
8	8			P	P
3	8	30		P	P
17	2	50		P	P
6					
25	4	47		A	P
2	3	20		A	P
5	10	20		P	P
26					
26	2	45		P	P
6	8	30		P	P
14	8	0		P	P
15	1	0		A	P

dayofweek	lat	lattype	long	lontype	prec
		N		W	
		N		W	
		N		W	

depth	depthu	depthprec	feltpl	feltst	int
			Vancouver Island	B.C.	
			Olympia	WA	
			Bainbridge Islan	WA	
			Puget Sound	WA	
			Bainbridge Island	WA	
			Bainbridge Island	WA	
			Bainbridge Island	WA	
			Bainbridge Island	WA	
			Bainbridge Island	WA	
			Bainbridge Island	WA	
			Bainbridge Island	WA	
			Bainbridge Island	WA	
			Bainbridge Island	WA	
			Bainbridge Island	WA	
			Portland	OR	
			Portland	OR	
			Cape Haytien	WA	
			Portland	OR	
			Portland	OR	
			Tacoma	WA	
			Olympia	WA	
			Olympia	WA	IV
			Olympia	WA	V
			Portland	OR	
			Puget Sound	WA	V
			Victoria	B.C.	
			Tatoosh Island	WA	III
			Mount Idaho	ID	
			Oregon City	OR	
			Offshore	OR	
			Jackson County	OR	
			The Dalles	OR	III
			The Dalles	OR	
			Fort Klamath	OR	X
			Portland	OR	
			The Dalles	OR	
			Puget Sound	WA	
			Portland	OR	VIII
			Southern	OR	
			Cascades	OR	
			Portland	OR	VIII
			Offshore	OR	
			Portland	OR	
			Portland	OR	
			Puget Sound	WA	
			Portland	OR	IV
			Portland	OR	
			Portland	OR	
			Portland	OR	IV
			Portland	OR	III
			Salem	OR	
			Ashland	OR	
			Portland	OR	VII
			Portland	OR	
			Umatilla	OR	VIII
			Portland	OR	III
			Portland	OR	VI
			Cape Blanco Ligh	OR	
			Mount Hood	OR	
			Newport	OR	
			Forest Grove	OR	
			Newport	OR	
			Newport	OR	

inttype	far	fari	faru	mag	magtype
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ID	strec	sid	acom	year	month
513		1 TA-OR		1902	12
514		1 TA-OR		1902	12
515		1 TA-OR		1902	12
516		1 TA-OR		1905	11
517		1 TA-OR		1906	4
518		1 TA-OR		1906	4
519		1 TA-OR		1906	4
520		1 TA-OR		1906	4
521		1 TA-OR		1906	4
522		1 TA-OR		1906	4
523		1 TA-OR		1909	10
524		1 TA-OR		1913	3
525		1 TA-OR		1913	3
526		1 TA-OR		1913	10
527		1 TA-OR		1914	3
528		1 TA-OR		1914	9
529		1 TA-OR		1915	1
530		1 TA-OR		1915	1
531		1 TA-OR		1915	5
532		1 TA-OR		1915	10
533		1 TA-OR		1915	10
534		1 TA-OR		1916	1
535		1 TA-OR		1916	5
536		1 TA-OR		1916	5
537		1 TA-OR		1919	12
538		1 TA-OR		1920	4
539		1 TA-OR		1920	11
540		1 TA-OR		1920	11
541		1 TA-OR		1920	12
542		1 TA-OR		1921	2
543		1 TA-OR		1921	3
544		1 TA-OR		1921	9
545		1 TA-OR		1922	1
546		1 TA-OR		1922	5
547		1 TA-OR		1922	7
548		1 TA-OR		1922	10
549		1 TA-OR		1922	12
550		1 TA-OR		1923	1
550		2 TA-OR		1923	1
550		3 TA-OR		1923	1
551		1 TA-OR		1923	1
552		1 TA-OR		1924	1
553		1 TA-OR		1924	1
554		1 TA-OR		1925	3
555		1 TA-OR		1925	6
556		1 TA-OR		1925	7
557		1 TA-OR		1927	4
558		1 TA-OR		1927	8
559		1 SMITH		1846	
560		1 SMITH		1865	11
561		1 SMITH		1867	1
562		1 SMITH		1872	12
563		1 SMITH		1873	11
564		1 SMITH		1883	9
565		1 SMITH		1891	11
566		1 SMITH		1892	2
567		1 SMITH		1892	2
568		1 SMITH		1892	2
569		1 SMITH		1892	2
569		2 SMITH		1892	2
570		1 SMITH		1892	4
571		1 SMITH		1895	2

day	hour	min	sec	AMPM	time type
2	2	0		A	P
4	8			P	P
18	7			A	P
11	2	29		P	P
2	9	0		P	P
12	8	50		P	P
18					
19	1	30		A	P
23	1	12		A	P
29	9	0		A	P
28	10	45		P	P
15	12	40		P	P
15	7			P	P
14	3	0		P	P
22	6	30		A	P
5	2	0		A	P
18					
19					
19	7			P	
2	10	55		P	P
19	11	30		P	P
4	10	40		A	P
12	6	26		P	P
28					
25	10	0		P	P
14	3	45		A	P
9	12	20		P	P
28	3	30		A	P
15	10	50		A	P
25	12			A	P
4	12				P
22	11	20		A	P
31	5	17		A	P
15	9	30		A	P
5	10	6		A	P
15	8	20		P	P
12					
10	8	29		P	P
10	10	15		P	
10	11	45		P	
22	1	4		A	P
5	3	15		P	P
6	3	10		P	P
19					
27	5	21		P	P
1	11			P	P
8	9			P	P
20	12	5		P	P
26					
8				A	
16					
22	9			P	
28				P	
8	8			P	
3	8	30		P	
3	8	27		P	
3	8	32		P	
3	8	20		P	
3	8	40		P	P
17	2	50		P	
25	4	47		A	P

dayofweek	lat	lattype	long	lontype	prec
		N		W	
		N		W	
		N		W	

depth	depthu	depthprec	feltpl	feltst	int
			Kerby	OR	
			Hood River	OR	
			Fox Valley	OR	
			Baker	OR	
			Ashland	OR	
			Ashland	OR	
			Marshfield	OR	
			Paisley	OR	
			Grants Pass	OR	VI
			Paisley	OR	
			Grants Pass	OR	
			Medford	OR	
			Roseburg	OR	
			Seven Devils Regi	OR	
			Portland	OR	IV
			Portland	OR	
			Summerville	OR	
			Summerville	OR	
			Portland	OR	
			Baker	OR	
			Fruita		
			Newport	OR	IV
				ID	
			Baker	OR	
			Bullrun	OR	IV
			Crater Lake	OR	V
			Portland	OR	III
			northern	OR	
			Cascadia	OR	III
			Cascadia	OR	V
			Portland	OR	III
			Portland	OR	IV
			Ashland	OR	
			Portland	OR	IV
			Portland	OR	III
			Umatilla	OR	
			Pendleton	OR	
			Lakeview	OR	VI
			Lakeview	OR	
			Lakeview	OR	
			Southwestern	OR	
			Stanfield	OR	V
			Milton	OR	V
				OR	
			Baker	OR	
			Lakeview	OR	III
			Baker	OR	V
			Humboldt Bay	CA	
			Oregon City	OR	
			Offshore	OR	
			Fort Klamath	OR	X
			Eugene	OR	
			Portland	OR	VIII
			Portland	OR	
			Ashland	OR	
			Portland	OR	
			Astoria	OR	
			Salem	OR	
			Yaquina Head Lig	OR	
			Warrior Rock Light	OR	
			Portland	OR	
			Portland	OR	III

inttype	far	fari	faru	mag	magtype
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ID	strec	sid	qcom	year	month
572		1 SMITH		1896	4
573		1 SMITH		1896	6
574		1 SMITH		1896	8
575		1 SMITH		1902	12
576		1 SMITH		1902	12
577		1 SMITH		1906	4
578		1 SMITH		1913	3
579		1 SMITH		1913	10
580		1 SMITH		1914	3
581		1 SMITH		1914	9
582		1 SMITH		1915	5
583		1 SMITH		1915	10
584		1 SMITH		1916	1
585		1 REID1		1846	
586		1 REID1		1866	
587		1 REID1		1872	12
588		1 REID1		1873	11
589		1 REID1		1876	10
590		1 REID1		1877	10
591		1 REID1		1877	10
592		1 REID1		1879	
593		1 REID1		1880	12
594		1 REID1		1882	4
595		1 REID1		1882	5
596		1 REID1		1883	9
597		1 REID1		1884	1
598		1 REID1		1885	10
599		1 REID1		1891	9
600		1 REID1		1891	11
601		1 REID1		1892	2
602		1 REID1		1893	3
603		1 REID1		1896	4
604		1 REID1		1897	1
605		1 REID1		1897	12
606		1 REID1		1902	
607		1 REID1		1902	
608		1 REID1		1902	12
609		1 REID1		1902	12
610		1 REID1		1905	11
611		1 REID1		1906	4
612		1 REID1		1906	4
613		1 REID1		1906	
614		1 REID1		1906	9
614		2 REID1		1906	9
614		3 REID1		0	
615		1 REID1		1906	11
616		1 REID1		1909	10
617		1 REID1		1913	3
618		1 REID1		1913	3
618		2 REID1		1913	3
619		1 REID1		1913	10
620		1 REID1		1914	3
621		1 REID1		1915	1
622		1 REID1		1915	5
623		1 REID1		1915	10
624		1 REID1		1916	1
625		1 REID1		1916	2
626		1 REID1		1916	5
627		1 REID1		1916	5
628		1 REID1		1919	12
629		1 REID1		1920	4
630		1 REID1		1920	11

day	hour	min	sec	AMPM	time type
2	3	20		A	
5	10	20		P	
26					
2	2			A	
4	8			P	
18					
15	12	40		P	
14	3			P	
22	6	30		A	
6	2			A	
19	7			P	
2					
5					
14	9	30		P	
22	9			P	
12	1	53		P	
13	9			A	
12	8	40		P	
30	10	48		P	
1	12	25		A	
28				P	
3	20	40			
10	1			A	
16	8	30		P	
8	8			P	
3	8	30		P	
6					
2	3	20		A	
26	2	45		P	
6	8	30		P	
	1			A	
2	2			A	
4	8			P	
11	3	43		P	
2	9			P	
12	8	50		P	
	1	11		A	P
2	0	45		A	P
2	3	55		A	P
6	8			A	P
28	10	48		P	P
15	20	40			G
15	6	30		P	P
16	2	30			G
14	3			P	
22	14	30			G
18					
19	7			P	P
19	11	30		P	P
4	18	40			G
3	5	2		8	G
13	2	30			G
28					
26	6				G
14	11	45			G
9	20	20			G

dayofweek	lat	lattype	long	lontype	prec
		N		W	
		N		W	
		N		W	
		N		W	
		N		W	
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		N		W	
		N		W	
		N		W	
		N		W	
		N		W	
	44.6333	N	124.0833	W	1 minute
	44.6333	N	124.0833	W	1 minute
		N		W	
		N		W	
		N		W	
		N		W	
		N		W	
		N		W	
	43.6666	N	128.8333	W	1 minute
	43.6666	N	128.8333	W	1 minute
	1	N		W	
	46.15	N	125.5333	W	1 minute
	40.6666	N	124.1666	W	1 minute
	42.3333	N	122.83333	W	1 minute
	43.25	N	123.3333	W	1 minute
	43.25	N	123.5	W	.25 Degree
	45.5	N	116.5	W	.5 Degree
		N		W	
	45.45	N	118.08333	W	1 minute
		N		W	
	45.3333	N	116.7666	W	1 minute
	44.6333	N	124.1333	W	1 minute
		N		W	
		N		W	
	48.8	N	117.8333	W	1 minute
	45.5	N	122.2	W	.1 Degree
	42.8333	N	122	W	1 minute
		N		W	

depth	depthu	depthprec	feltpl	feltst	int
			Portland	OR	
			Cape Blanco Ligh	OR	
			Mount Hood	OR	
			Kerby	OR	
			Hood River	OR	
			Paisley	OR	
			Medford	OR	
			Seven Devils Regi	OR	
			Portland	OR	
			Portland	OR	
			Portland	OR	
			Baker	OR	
			Newport	OR	
			Oregon City	OR	
			The Dalles	OR	III
			Walla Walla	WA	VII
			Portland	OR	VIII
			White Sulphur Spri	OR	
			Portland	OR	VII
			Cascades	OR	
			Portland	OR	
			Puget Sound	WA	
			Portland	OR	
			Portland	OR	
			Portland	OR	
			Portland	OR	II
			Portland	OR	III
			Salem	OR	
			Ashland	OR	
			Portland	OR	VII
			Umatilla	OR	VIII
			Portland	OR	VI
			Newport	OR	
			Forest Grove	OR	
			Newport	OR	V
			Newport	OR	VI
			Kerby	OR	
			Hood River	OR	
			Baker City	OR	III
			Ashland	OR	IV
			Ashland	OR	
			Grants Pass	OR	VI
			Offshore	OR	
			Offshore	OR	
			Columbia River	OR	
			South West	OR	VIII
			Medford	OR	IV
			Roseburg	OR	IV
			Roseburg	OR	IV
			Seven Devils Regi	OR	VI
			Portland	OR	IV
			Summerville	OR	
			Portland	OR	V
			Fruita		
			Newport	OR	IV
				OR	VI
			Eastern	OR	
			Baker	OR	
			Bullrun	OR	
			Crater Lake	OR	V
			Portland	OR	III

inttype	far	fari	faru	mag	magtype
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magcom	evno
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ID	strec	sid	acom	year	month
631	1	REID1		1920	11
632	1	REID1		1920	11
633	1	REID1		1920	12
634	1	REID1		1921	2
635	1	REID1		1921	3
636	1	REID1		1921	9
637	1	REID1		1922	1
638	1	REID1		1922	1
639	1	REID1		1922	7
640	1	REID1		1922	10
641	1	REID1		1922	12
642	1	REID1		1923	1
643	1	REID1		1923	1
644	1	REID1		1924	1
645	1	REID1		1864	10
646	1	REID1		1865	6
647	1	REID1		1872	12
648	1	REID1		1873	12
649	1	REID1		1873	12
650	1	REID1		1882	4
651	1	REID1		1883	5
652	1	REID1		1885	12
653	1	REID1		1891	9
654	1	REID1		1895	4
655	1	REID1		1904	3
656	1	REID1		1906	10
657	1	REID1		1907	7
658	1	REID1		1907	9
659	1	REID1		1909	1
660	1	REID1		1910	11
661	1	REID1		1912	11
662	1	REID1		1918	8
663	1	REID1		1923	2
664	1	REID1		1924	9
665	1	REID1		1833	6
666	1	REID1		1856	12
667	1	REID1		1857	9
668	1	REID1		1868	5
669	1	REID1		1871	3
670	1	REID1		1870	
671	1	REID1		1872	10
672	1	REID1		1872	12
673	1	REID1		1872	12
674	1	REID1		1872	12
675	1	REID1		1872	12
676	1	REID1		1872	12
677	1	REID1		1872	1
678	1	REID1		1872	12
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680	1	REID1		1872	12
681	1	REID1		1872	12
682	1	REID1		1872	12
683	1	REID1		1872	
684	1	REID1		1873	1
685	1	REID1		1873	10
686	1	REID1		1874	
687	1	REID1		1878	3
688	1	REID1		1880	8
688	2	REID1		1880	8
688	3	REID1		1880	8
689	1	REID1		1880	12
690	1	REID1		1880	12

day	hour	min	sec	AMPM	time type
26					
28	11	30			G
15	18	50			G
25	8	0			G
4	20				G
21	19	20			G
31	13	17	21		G
31	13	18			G
5	18	5			G
16	4	20			G
12					
11	4	29			G
22	1	4	18	A	P
5	23	10			G
29					
12					
15	9	37		P	
17	11			P	
20					
30	10	48		P	
10					
8	10	12		P	
22	3	40		A	
19				P	
17	4	17			G
3	12	35		A	
28	2	20		A	P
1	22	55			G
11	3	49		P	P
30	11	59		P	P
22	0	56			G
22	15	21	35		G
12	18	30			G
19	17	30			G
29	13	14	0		
26					
30					
19					
14	9	30		P	
14	9	40	30	P	
14	9	46		P	
14	10			P	
14	11			P	
16					
15	9	37		P	
15	3			A	
15	5			A	
15	6	37	30	P	
16	9	17	30	A	
9					
19	2			P	
18	6	30		A	
22	1	25		P	
22	2	10		P	
22	2	19		P	
7	5	54		P	
12	8	40		P	

dayofweek	lat	lattype	long	lontype	prec
		N		W	
		N		W	
	44.25	N	122.5	W	
	44.333	N	122.5	W	1 minute
		N		W	
		N		W	
	41.1333	N	125.5	W	1 minute
		N		W	
		N		W	
	46	N	119.333	W	1 minute
	45.75	N	118.5	W	.25 Degree
	42.1666	N	120.333	W	1 minute
	41	N	124.6	W	.1 Degree
	45.8333	N	119.25	W	1 minute
		N		W	
		N		W	
		N		W	
		N		W	
		N		W	
		N		W	
		N		W	
		N		W	
		N		W	
		N		W	
		N		W	
		N		W	
		N		W	
	49.8333	N	122.666	W	1 minute
		N		W	
	50	N	124	W	1 Degree
		N		W	
		N		W	
		N		W	
		N		W	
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		N		W	
		N		W	
		N		W	
		N		W

depth	depthu	depthprec	feltpl	feltst	int
			Portland	OR	
			Portland	OR	IV
			Cascadia	OR	III
			Cascadia	OR	V
			Portland	OR	III
			Portland	OR	IV
			Offshore	OR	
			Southwest	OR	V
			Portland	OR	III
			Hermiston	OR	III
			Helix	OR	IV
			Lakeview	OR	IV
			Southern	OR	
			Stanfield	OR	V
			Victoria	B.C.	VI
			Victoria	B.C.	
			Puget Sound	WA	VIII
			Victoria	B.C.	IV
			Vancouver Island	B.C.	
			Victoria	B.C.	
			Victoria	B.C.	
			Victoria	B.C.	V
			Victoria	B.C.	
			Victoria	B.C.	
			Puget Sound	WA	VI
			Nanaimo	B.C.	
			Port Townsend	WA	IV
			Vancouver Island	B.C.	V
			Southwest	B.C.	VIII
			Victoria	B.C.	IV
			Vancouver Island	B.C.	VII
			Victoria	B.C.	IV
			Victoria	B.C.	IV
			Vancouver Island	B.C.	IV
			Fort Nisqually	WA	II
			Port Townsend	WA	
			Birch Bay	WA	
			Mukilteo	WA	
			Offshore	WA	
			Puget Sound	WA	VII
			Spokane	WA	
			Columbia River	WA	VII
			Puget Sound	WA	
			Puget Sound	WA	
			Puget Sound	WA	
			Puget Sound	WA	
			Walla Walla	WA	
			Puget Sound	WA	VIII
			Puget Sound	WA	
			Puget Sound	WA	
			Puget Sound	WA	
			Puget Sound	WA	
			Puget Sound	WA	VII
			Tacoma	WA	II
			Seattle	WA	
			Tacoma	WA	II
			Tacoma	WA	
			Northwest	WA	
			Victoria	B.C.	
			Victoria	B.C.	
			Olympia	WA	
			Puget Sound	WA	

inttype	far	fari	faru	mag	magtype
	100000		mi2		
	10000		mi2		
	15000		mi2		

magcom	evno
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day	hour	min	sec	AMPM	time type
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19	11	25		P	
5	10	56		P	
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7	10	15		P	
16	11			P	
30	9	45		P	
14	10	30		P	
30	10	48		P	
21	10			P	
3	11	30		P	
27	5	26			
9	8				
8	10	40		P	
9	1	40		A	
18	0	40			
16	10	5		P	
29					
1	4			A	
20	3			P	
8					
15	8			P	
29	2	30		P	
7	7	30		P	
7	7	35		P	
	21	30			
16					
14	5	7		A	
14	3	25		A	
15	20	56			
23	22	30			
16					
8	9	56		P	
6	9	55		P	
27	1	30		A	
15					
16	6			A	
17					
20					
11					
14					
15					
2	6	30		P	
22	5	30		A	
3					
12					
9					
13	6	25		P	P
15					
16	8	17		P	P
2	5	45		P	P
3	5	49		A	P
6	8			A	
	4	55		A	P
28	2	20		A	P
24	9	30		A	
17					
4	12			P	L

dayofweek	lat	lattype	long	lontype	prec
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		N		W	
		N		W	

depth	depthu	depthprec	feltpl	feltst	int
			Bainbridge Island	WA	VII
			Bainbridge Island	WA	III
			Bainbridge Island	WA	III
			Bainbridge Island	WA	
			Bainbridge Island	WA	
			Bainbridge Island	WA	
			Bainbridge Island	WA	
			Bainbridge Island	WA	
			Bainbridge Island	WA	
			Bainbridge Island	WA	
			Olympia	WA	
			Tacoma	WA	III
			New Tacoma	WA	II
			Olympia	WA	III
			Olympia	WA	IV
			Olympia	WA	V
			Puget Sound	WA	V
			Port Angeles	WA	
			Tatoosh Island	WA	III
			Northeast Wash	WA	
			Bainbridge Island	WA	
			Walla Walla	WA	
			Point No Point Lig	WA	
			Point No Point Lig	WA	
			Olympia	WA	III
			Rosyln	WA	
			Roslyn	WA	
			Smith Island Light	WA	
			Admiralty Head Li	WA	
			Tacoma	WA	II
			Kalama	WA	
			Sidney	B.C.	II
			Toutle River	WA	IV
			Olympia	WA	
			Ellensburg	WA	III
			Tacoma	WA	II
			Port Townsend	WA	VI
			Turn Point Lightho	WA	
			East Clallam	WA	
			Olympia	WA	
			Waterville	WA	
			Lakeside	WA	
			Lakeside	WA	
			Lakeside	WA	
			Lakeside	WA	
			Lakeside	WA	
			Lakeside	WA	
			Brinnon	WA	
			Ellensburg	WA	
			Lakeside	WA	
			Seattle	WA	
			Mt. Rainier	WA	
			Olympia	WA	V
			Mt. Rainier	WA	IX
			Puget Sound	WA	VI
			Spokane	WA	
			Colville	WA	
			Seattle	WA	
			Seattle	WA	V
			Victoria	B.C.	V
			Waterville	WA	
			Dayton	WA	III
			Ellensburg	WA	III

inttype	far	fari	faru	mag	magtype

magcom	evno
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767	1	REID1		1915	12
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773	1	REID1		1917	1
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788	1	REID1		1921	9
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804	1	REID2		1875	11
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day	hour	min	sec	AMPM	time type
28	6	39			P
11					
6				P	
6					
24	7	20		P	
24	8	30		P	
24	9	5		P	
29	8	9		A	P
25	2	45		A	P
25	6	42		A	P
5	1	40		A	P
25	4	55		P	P
11	3	7			G
28	18				G
28	3				G
15	10	10		P	P
15	10	30		P	P
22	10	34		A	P
18	12	54		P	
18	14	5			G
18	23	42			G
10	12	45		P	P
2	0	52			G
22	3	45		A	P
2	3	15		P	P
23	8	43		P	P
21	11	30		A	P
28	9	5		A	P
28	17	5			G
9	6	30		A	P
12	2	47		A	P
13	6	57		P	P
28	3	45		P	P
1	4	8		P	P
11	8	26		P	P
18	1	13		P	P
7	2	15		P	P
20	10	47		P	P
5	10	33		P	
24	7	9		10	G
1	8	20		P	P
28	3	30		A	P
14	3			A	P
14	5			A	P
31	6	30		A	P
3				P	P
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10	6	5		A	P
25	12	2		P	P
26	4	19		P	P
8					
14	9	20		P	
16					
22	9	0		P	
12	1	53		P	

dayofweek	lat	lattype	long	lontype	prec
		N		W	
		N		W	
		N		W	
		N		W	
		N		W	
		N		W	
		N		W	
	47	N	122	W	1 Degree
	47.75	N	122.5	W	.25 Degree
	47.75	N	122.5	W	.25 Degree
	47.75	N	122.0833	W	1 minute
	46.75	N	47.5	W	.25 Degree
	47.5	N	127.1666	W	1 minute
	47.8333	N	120.0166	W	1 minute
	47.8333	N	120.0166	W	1 minute
	47.8333	N	120.0166	W	1 minute
	47.8333	N	120.0166	W	1 minute
	47.2666	N	122.3833	W	1 minute
	47.8333	N	121	W	1 minute
	49	N	120	W	1 Degree
	45.8666	N	122.6666	W	1 minute
	47.6666	N	117.4166	W	1 minute
	47.333	N	122.333	W	1 minute
	48.7833	N	122.5833	W	1 minute
	47.4	N	120.8166	W	1 minute
	47.2	N	122.2166	W	1 minute
	48.0833	N	121.5333	W	1 Degree
	46.75	N	122.0833	W	1 minute
	46.8	N	121.9333	W	1 minute
	46.6666	N	122	W	1 minute
		N		W	
	46.75	N	121.8333	W	1 minute
		N		W	
	46.0333	N	188.3333	W	1 minute
		N		W	
	47.6666	N	117.5833	W	1 minute
	48.1	N	121.3666	W	1 minute
Sunday	46.7666	N	121.8333	W	1 minute
		N		W	
	49	N	122.666	W	1 minute
	46.5	N	122.11666	W	1 minute
		N		W	
	46.333	N	118.1666	W	1 minute
	46.3333	N	118.16666	W	1 minute
	49	N	118.666	W	1 minute
		N		W	
	45.8333	N	122	W	1 minute
		N		W	
	48.5	N	122.666	W	1 minute
	48.0833	N	121.6666	W	1 minute
	48.0833	N	122.0833	W	1 minute
	48.08333	N	122.08333	W	1 minute
	46	N	118.5	W	.5 Degree
		N		W	
		N		W	
	46.0833	N	118.3333	W	1 minute
		N		W	
		N		W	
		N		W	
		N		W	
		N		W	
		N		W	

depth	depthu	depthprec	feltpl	feltst	int
			Bellingham	WA	IV
			Valdez	AK	III
			Olympia	WA	
			Seattle	WA	
			Seattle	WA	II
			Seattle	WA	III
			Seattle	WA	IV
			Pierce County	WA	V
			Edmonds	WA	
			Seattle	WA	IV
			Tacoma	WA	V
			Longmire	WA	IV
			Queets River	WA	III
			Lakeside	WA	III
			Lakeside	WA	III
			Lakeside	WA	IV
			Lakeside	WA	IV
			Tacoma	WA	V
			Lakeside	WA	IV
			Smith Island	WA	VII
			La Center	WA	V
			Spokane	WA	IV
			Seattle	WA	IV
			Marietta	WA	V
			Cedar Falls	WA	II
			Sumner	WA	II
			Silverton	WA	IV
			Ashford	WA	III
			Ashford	WA	V
			Glenoma	WA	V
			Mt. Rainier	WA	V
			Longmire	WA	V
			Yakima	WA	V
			Walla Walla	WA	III
			N.E.	WA	V
			White Bluff Praire	WA	IV
			North Fork, Sauk R	WA	IV
			Longmire	WA	V
			Seattle	WA	III
			Victoria	B.C.	VIII
			Glenoma	WA	IV
			eastern	WA	IV
			Dixie	WA	IV
			Dixie	WA	IV
			North Boundary	WA	III
			Spokane	WA	III
			Stabler	WA	
			Bellingham	WA	IV
			Anacortes	WA	IV
			Silverton	WA	IV
			Arlington	WA	IV
			Arlington	WA	
			Walla Walla	WA	IV
			Seattle	WA	III
			Seattle	WA	IV
			Walla Walla	WA	III
			Dalles	OR	III
			Fort Klamath	OR	X
			Portland	OR	
			Eugene	OR	
			Portland	OR	
			Portland	OR	VII

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	16000		mi2		
	45000		mi2		

magcom	evno
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828		1 REID2		1871	5
829		1 REID2		1872	1
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831		1 REID2		1872	12
832		1 REID2		1872	12
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866		1 REID2		1888	2
867		1 REID2		1889	10

day	hour	min	sec	AMPM	time type
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30	10	48		P	
1	12	25		A	
28					
3	9	40		P	
10	1				
16	8	30		P	
8	8	0		P	
3	8	32		P	
3	8	27		P	
3	8	30		P	
17	2	50		P	
2	2	0		A	
5					
25	4	47		A	
2	3	20		A	
6	8	30		P	
14	8	0		P	
15	1	0		A	
23	1	12		A	
2	9	0		P	
26					
19					
4					
14	11	0		P	
14	10	0		P	
14	9	46		P	
14	9	40		P	
14					
15	5	0		A	
16	9	17		A	
9					
19	2	0		P	
29					
18	5	30			
7	5	54		P	
10	5	0		A	
12	8	40		P	
14	7	0		P	
20	11	16		P	
26	2	30		P	
29	11	25		P	
5	10	56		P	
6	4	20		P	
7	10	15		P	
15	11	0			
30	9	45		P	
14	10	30		P	
1	12	25		A	
21	10			P	
3	11	30		P	
27	5	26		A	
9	8	0		A	
5	10	40		P	
18	12	30		A	
29					
9					
1	4	0		A	
20	3	0		P	

dayofweek	lat	lattype	long	lontype	prec
		N		W	
		N		W	
		N		W	

depth	depthu	depthprec	feltpl	feltst	int
			Puget Sound	WA	
			Portland	OR	
			Portland	OR	
			Portland	OR	
			Portland	OR	II
			Portland	OR	III
			Salem	OR	
			Ashland	OR	
			Salem	OR	
			Astoria	OR	
			Portland	OR	VII
			Portland	OR	
			Kirby	OR	VII
			Umatilla	OR	VII
			Portland	OR	III
			Portland	OR	VI
			Forest Grove	OR	
			Newport	OR	V
			Newport	OR	
			Grants Pass	OR	V
			Ashland	OR	IV
			Port Townsend	WA	
			Walla	WA	
			Walla	WA	
			Spokane	WA	
			Puget Sound	WA	
			Puget Sound	WA	
			Puget Sound	WA	VII
			Puget Sound	WA	
			Puget Sound	WA	
			Puget Sound	WA	
			Puget Sound	WA	
			Tacoma	WA	II
			Seattle	WA	IV
			Tacoma	WA	III
			Olympia	WA	
			Bainbridge Island	WA	IV
			Puget Sound	WA	
			Bainbridge Island	WA	VII
			Bainbridge Island	WA	III
			Tecauluma		
			Bainbridge Island	WA	III
			Bainbridge Island	WA	
			Bainbridge Island	WA	
			Bainbridge Island	WA	
			Bainbridge Island	WA	
			Bainbridge Island	WA	III
			Bainbridge Island	WA	
			Olympia	WA	
			Tacoma	WA	III
			New Tacoma	WA	II
			NE Washington	WA	
			Olympia	WA	III
			Olympia	WA	IV
			Olympia	WA	V
			Puget Sound	WA	V
			Tatoosh Island	WA	
			Walla Walla	WA	
			Walla Walla	WA	
			Point No Point Lig	WA	
			Point No Point Lig	WA	

inttype	far	fari	faru	mag	magtype

magcom	evno
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ID	strec	sid	qcom	year	month
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869	1	REID2		1890	3
870	1	REID2		1890	3
871	1	REID2		1891	3
872	1	REID2		1891	3
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893	1	REID2		1897	12
893	2	REID2		1897	12
893	3	REID2		1897	12
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895	1	REID2		1898	1
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897	1	REID2		1898	2
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910	1	USEQS		1856	12
911	1	USEQS		1859	4
912	1	USEQS		1860	5
913	1	USEQS		1864	10
914	1	USEQS		1865	8
915	1	USEQS		1868	5
916	1	USEQS		1871	5
917	1	USEQS		1872	12
918	1	USEQS		1872	12
919	1	USEQS		1877	10
920	1	USEQS		1880	8
921	1	USEQS		1880	12
922	1	USEQS		1883	9
923	1	USEQS		1885	10
924	1	USEQS		1885	12
925	1	USEQS		1891	9
926	1	USEQS		1891	11

day	hour	min	sec	AMPM	time type
8					
15	8	0		P	
29	2	30		P	
7	7	30		P	
7	7	35		P	
21	4	10		A	
29	3	34		P	
29	3	16		P	
29	3	14		P	
	9	30		P	
17	2	45		P	
16					
14	5	7		A	
14	3	25		A	
15	8	56		P	
23	10	30		P	
21	6	30		P	
13				P	
28					
1					
8	9	56		P	
6	9	55		P	
27	1	30		A	
15					
16	6	0		A	
17					
20					
11					
14					
15					
2	6	30		P	
20	5	0		P	
22	5	30		A	
3					
12				P	
13				P	
13	6	25		P	
15				P	
16	8	17		P	
2	5	45		A	
3	5	49		A	
1	5	0		A	
28	2	20		A	
2	16	0			P
26					
2	2	30			P
7					
29	18	10			P
25	21	0			P
30					
19					
14					
16					
12	13	53			P
22	13	25			P
12	20	40			P
28	0	0			P
9	8				P
8	22	40			P
22	3	40			P
29	15	21			P

dayofweek	lat	lattype	long	lontype	prec
		N		W	
		N		W	
		N		W	

depth	depthu	depthprec	feltpl	feltst	int
			Olympia	WA	III
			Roslyn	WA	
			Rosyln	WA	
			Smith Island	WA	
			Admiralty Head Li	WA	
			Tacoma	WA	II
			Port Angeles	WA	IV
			Pysht	WA	VI
			Tacoma	WA	
			Port Townsend	WA	VII
			Kalama	WA	
			Olympia	WA	
			Sidney	B.C.	II
			Toutle River	WA	IV
			Olympia	WA	
			Ellensburg	WA	
			Tacoma	WA	II
			Tacoma	WA	
			Port Townsend	WA	VI
			Seattle	WA	
			Tacoma	WA	
			Turn Point Lightho	WA	
			Clallam	WA	
			Olympia	WA	
			Waterville	WA	
			Lakeside	WA	
			Lakeside	WA	
			Lakeside	WA	
			Lakeside	WA	
			Lakeside	WA	
			Lakeside	WA	
			Brinnon	WA	
			Corrine		
			Ellensburg	WA	
			Lakeside	WA	
			Seattle	WA	
			Seattle	WA	
			Olympia	WA	V
			Mt. Rainier	WA	IX
			Puget Sound	WA	VI
			Spokane	WA	
			Colville	WA	V
			Seattle	WA	IV
			Port Townsend	WA	V
			Vancouver	WA	V
			Port Townsend	WA	
			Olympia	WA	V
			Port Townsend	WA	
			Victoria	B.C.	VI
			Vancouver Island	B.C.	VI
			Mukilteo	WA	
			Mt. Rainier	WA	
			Puget Sound	WA	VI
			Walla Walla	WA	
			Cascade Mounta	OR	VII
			Northwestern	WA	
			Puget Sound	WA	VI
			Portland	OR	
			Olympia	WA	V
			Puget Sound	WA	V
			Port Angeles	WA	V
			Puget Sound	WA	VI

inttype	far	fari	faru	mag	magtype
	10000		mi2		
	20000		mi2		
MM					
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MM					
MM	4000		mi2		

magcom	evno
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927		1 USEQS		1892	2
928		1 USEQS		1892	4
929		1 USEQS		1893	3
930		1 USEQS		1895	2
931		1 USEQS		1895	4
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939		1 USEQS		1906	4
940		1 USEQS		1906	11
941		1 USEQS		1909	1
942		1 USEQS		1909	5
943		1 USEQS		1911	9
944		1 USEQS		1913	7
945		1 USEQS		1913	10
946		1 USEQS		1913	12
947		1 USEQS		1914	9
948		1 USEQS		1915	5
949		1 USEQS		1915	8
950		1 USEQS		1916	1
951		1 USEQS		1916	2
952		1 USEQS		1917	11
953		1 USEQS		1918	2
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956		1 USEQS		1920	1
957		1 USEQS		1920	4
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968		1 USEQS		1841	12
969		1 USEQS		1856	12
970		1 USEQS		1859	4
971		1 USEQS		1860	5
972		1 USEQS		1864	10
973		1 USEQS		1865	8
974		1 USEQS		1868	5
975		1 USEQS		1871	5
976		1 USEQS		1872	12
976		2 USEQS		1872	12
977		1 USEQS		1872	12
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979		1 USEQS		1880	8
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981		1 USEQS		1883	9
982		1 USEQS		1885	10
983		1 USEQS		1885	12
984		1 USEQS		1891	9
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987		1 USEQS		1892	4

day	hour	min	sec	AMPM	time type
3	20	30			P
17	14	50			P
6	17	3			P
25	4	47			P
16	0	2			P
3	22	15			P
6	21	55			P
2	3	17			P
15					
13	18	15			P
16	20	20			P
2	5	45			P
19	1	30			P
1	17	49			P
11	15	49			P
24	9	20			P
28	18	39			P
29	8	15			P
14	15	0			P
25	6	40			P
5	1	35			P
18	19				P
18	10				P
1	16	52			P
22	3	45			P
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23	23	9			P
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4	5	55			P
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9	3	5			P
2					
26					
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7					
29					
25					
30					
19					
14	21	40			P
16	9	18			P
16					
12					
22					
12					
28					
9					
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22					
29					
3					
17					

dayofweek	lat	lattype	long	lontype	prec
	45.5	N	122.8	W	.1 Degree
	47	N	123	W	1 Degree
	46	N	119	W	1 Degree
	46.5	N	122.4	W	.1 Degree
	48	N	123	W	1 Degree
		N		W	
	48.3	N	124.3	W	.1 Degree
	45.3	N	123.3	W	.1 Degree
	47.8	N	120	W	.1 Degree
	47.7	N	122.2	W	.1 Degree
	48.5	N	122.8	W	.1 Degree
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	42.7	N	120.6	W	.1 Degree
	48.5	N	117.9	W	.1 Degree
	49	N	122.7	W	.1 Degree
	47.6	N	120	W	.1 Degree
	48.8	N	122.7	W	.1 Degree
	47	N	122	W	1 Degree
	45.7	N	117.1	W	.1 Degree
	47.7	N	122.5	W	.1 Degree
	47	N	123	W	1 Degree
	45.5	N	122.7	W	.1 Degree
	48.5	N	121.4	W	.1 Degree
	47.3	N	122.3	W	.1 degree
	48.8	N	122.6	W	.1 Degree
	46.8	N	121.8	W	.1 Degree
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	46.7	N	119.5	W	.1 Degree
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	49	N	122.7	W	.1 Degree
	42.9	N	122.1	W	.1 Degree
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	44.4	N	122.4	W	.1 Degree
	42	N	120.5	W	.5 Degree
	49	N	122.7	W	.1 Degree
	47.8	N	121.8	W	.1 Degree
	48.5	N	123.5	W	.5 Degree
		N		W	
	44.8	N	117.2	W	.1 Degree
	47.8	N	121.7	W	.1 Degree
	48.5	N	125	W	.5 Degree
		N		W	
		N		W	
		N		W	
		N		W	
		N		W	
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		N		W	
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		N		W	
		N		W	

depth	depthu	depthprec	feltpl	feltst	int
			Portland	OR	VI
			Olympia	WA	VI
			Umatilla	WA	VII
			Green River	WA	V
			Port Townsend	WA	VI
			Victoria	B.C.	VI
			East Clallam	WA	VI
			McMinnville	OR	VI
			Lakeside	WA	
			Sand Point	WA	V
			Victoria	B.C.	V
			Northeastern	WA	VI
			Paisley	OR	V
			Colville	WA	V
			Northwestern	WA	VII
			Waterville	WA	
			Northwestern	WA	VI
			Mt. Rainier	WA	V
			Seven Devils Regi	OR	V
			Puget Sound	WA	V
			Olympia	WA	V
			Portland	OR	V
			Northwestern	WA	V
			Puget Sound	WA	V
			Marietta	WA	V
			Mt.Rainier	WA	VI
			Yakima	WA	V
			Corfu	WA	VI
			Vancouver	B.C.	V
			Northwestern	WA	VII
			Crater Lake	OR	V
			Spokane	WA	
			Cascadia	OR	V
				OR	V
			Bellingham	WA	V
			Sultan	WA	
			Victoria	B.C.	V
			East-Central	WA	V
			Eastern	OR	V
			Startup	WA	VI
			Vancouver Island	B.C.	V
			Vancouver	WA	
			Port Townsend	WA	
			Olympia	WA	
			Port Townsend	WA	
			Victoria	B.C.	
			Vancouver Island	B.C.	
			Mukilteo	WA	
			Mt. Rainier	WA	
			Olympia	WA	
			Olympia	WA	
			Walla Walla	WA	
			Cascade Mounta	OR	
			Port Townsend	WA	
			Puget Sound	WA	
			Portland	OR	
			Olympia	WA	V
			Puget Sound	WA	
			Port Angeles	WA	
			Puget Sound	WA	
			Portland	OR	
			Olympia	WA	

inttype	far	fari	faru	mag	magtype
MM	10000		mi2		
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MM	10000		mi2		
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magcom	evno
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ID	strec	sid	qcom	year	month
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989		1 USEQS		1895	2
990		1 USEQS		1895	4
991		1 USEQS		1896	1
992		1 USEQS		1896	2
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995		1 USEQS		1903	3
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1023		1 USEQS		1926	12
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1028		1 TAWA		1856	12
1029		1 TAWA		1857	9
1030		1 TAWA		1860	5
1031		1 TAWA		1864	10
1032		1 TAWA		1865	8
1033		1 TAWA		1868	5
1034		1 TAWA		1870	
1035		1 TAWA		1871	5
1036		1 TAWA		1872	12
1037		1 TAWA		1872	12
1038		1 TAWA		1872	12
1039		1 TAWA		1872	12
1040		1 TAWA		1872	12
1041		1 TAWA		1872	12
1042		1 TAWA		1872	12
1043		1 TAWA		1872	12
1044		1 TAWA		1872	12
1044		2 TAWA		1872	12
1044		3 TAWA		1872	12
1044		4 TAWA		1872	12
1044		5 TAWA		1872	12
1044		6 TAWA		1872	12

day	hour	min	sec	AMPM	time type
6					
25					
16					
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15					
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16					
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29	13	40	0		G
26					
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29					
25	9			P	L
30					
19					
14	9	20		P	L
14	9	40	30	P	L
14	9	46		P	L
14	10			P	L
14	11			P	L
15	3			A	L
15	5			A	L
16	9	17	30	A	L
14	9	40	30	P	L
14	9	46	30	P	L
14	9	47	30	P	L
14	9	48	30	P	L
14	11			P	L
15	3			A	L

dayofweek	lat	lattype	long	lontype	prec
		N		W	
		N		W	
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depth	depthu	depthprec	feltpl	feltst	int
			Umatilla	OR	
			Green River	WA	
			Port Townsend	WA	
			Victoria	B.C.	
			East Clallam	WA	
			Portland	OR	
			Lakeside	WA	
			Sand Point	WA	
			Victoria	B.C.	
			Spokane	WA	
			Paisley	OR	
			Colville	WA	
			Bellingham	WA	
			Waterville	WA	
			Victoria	B.C.	VI
			Mt. Rainier	WA	V
			Seven Devils Regi	OR	
			Puget Sound	WA	
			Olympia	WA	
			Portland	OR	
			Seattle	WA	
			Puget Sound	WA	
			Marietta	WA	
			Mt. Rainier	WA	
			Yakima	WA	
			Corfu	WA	
			Vancouver Island	B.C.	
			Bellingham	WA	
			Fort Klamath	OR	
			Spokane	WA	
			Cascadia	OR	
			Lakeview	OR	
			Bellingham	WA	
			Sultan	WA	
			Victoria	B.C.	
			Wenatchee	WA	
			Eastern	OR	
			Startup	WA	
			Vancouver Island	B.C.	
			Fort Nisqually	WA	II
			Port Townsend	WA	
			Birch Bay	WA	
			Port Townsend	WA	
			Victoria	B.C.	VI
			Vancouver Island	B.C.	VI
			Mukilteo	WA	
			Puget Sound	WA	VII
			Mt. Rainier	WA	
				WA	
			Puget Sound	WA	
			Puget Sound	WA	VII
			Puget Sound	WA	
			Puget Sound	WA	
			Puget Sound	WA	
			Puget Sound	WA	
			Puget Sound	WA	
			Olympia	WA	VII
			Olympia	WA	
			Olympia	WA	
			Olympia	WA	
			Olympia	WA	
			Olympia	WA	

inttype	far	fari	faru	mag	magtype
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ID	strec	sid	qcom	year	month
1044	7	TAWA		1872	12
1044	8	TAWA		1872	12
1044	9	TAWA		1872	12
1045	1	TAWA		1872	12
1046	1	TAWA		1872	12
1047	1	TAWA		1873	1
1048	1	TAWA		1873	10
1049	1	TAWA		1873	11
1050	1	TAWA		1873	12
1051	1	TAWA		1874	
1052	1	TAWA		1878	3
1053	1	TAWA		1880	8
1054	1	TAWA		1880	12
1055	1	TAWA		1880	12
1056	1	TAWA		1880	12
1057	1	TAWA		1880	12
1058	1	TAWA		1880	12
1059	1	TAWA		1880	12
1060	1	TAWA		1881	1
1060	2	TAWA		1881	1
1060	3	TAWA		1881	1
1061	1	TAWA		1881	1
1062	1	TAWA		1881	1
1063	1	TAWA		1881	3
1064	1	TAWA		1882	4
1065	1	TAWA		1883	6
1066	1	TAWA		1884	9
1067	1	TAWA		1885	5
1068	1	TAWA		1885	6
1069	1	TAWA		1885	12
1070	1	TAWA		1885	12
1071	1	TAWA		1885	12
1072	1	TAWA		1886	4
1073	1	TAWA		1887	4
1074	1	TAWA		1880	
1074	2	TAWA		1881	8
1075	1	TAWA		1888	2
1076	1	TAWA		1889	3
1077	1	TAWA		1889	
1078	1	TAWA		1889	10
1079	1	TAWA		1890	2
1080	1	TAWA		1890	3
1081	1	TAWA		1890	3
1082	1	TAWA		1890	3
1083	1	TAWA		1890	10
1084	1	TAWA		1891	3
1085	1	TAWA		1891	3
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1090	1	TAWA		1891	11
1091	1	TAWA		1891	11
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1094	1	TAWA		1892	4
1095	1	TAWA		1893	2
1096	1	TAWA		1893	8
1097	1	TAWA		1894	1
1098	1	TAWA		1894	4
1099	1	TAWA		1894	5
1100	1	TAWA		1894	11

day	hour	min	sec	AMPM	time type
15	5			A	L
15	6	37	30		
16	9	17	30	A	L
15					
16					
9					
19	2			P	L
22	9			P	L
17					
18	6	30		A	L
22	1	25		P	L
7	5	54		P	L
10	5			A	L
12	8	40		P	L
14	7			P	L
20	11	16		P	L
29	11	25		P	L
5	10	56		P	L
6	4	20		P	L
7	10	15		P	L
16	11			P	L
30	9	45		P	L
14	10	30		P	L
30	10	48		P	L
21	10			P	P
3	11	30		P	P
27	5	26		A	P
8	10	40		P	P
9	1	40		A	P
18	12	30		A	P
16	10	5		P	P
29					
8					
1	4			A	P
16	2			P	P
	6			P	P
20	3			P	P
1	5	15		P	P
8					
15	8			P	P
29	2	30		P	P
8	2			P	P
7	7	30		P	P
7	7	35		P	P
21	4	10		A	P
29	3	14		P	P
29	3	16		P	P
29	3	21		P	P
29	3	34		P	P
	9	30		P	L
17	2	45		P	P
17	2	55		P	P
16					
14	5	7		A	P
14	3	25		A	P
15	8	56		P	P
23	10	30		P	P
21					

dayofweek	lat	lattype	long	lontype	prec
		N		W	
		N		W	
		N		W	

depth	depthu	depthprec	feltpl	feltst	int
			Olympia	WA	
			Olympia	WA	
			Olympia	WA	
			Puget Sound	WA	
			Walla Walla	WA	
			Tacoma	WA	II
			Seattle	WA	IV
			Tacoma	WA	
			Olympia	WA	IV
			Tacoma	WA	II
			Tacoma	WA	III
			Vancouver Island	B.C.	
			Olympia	WA	
			Bainbridge Island	WA	
			Puget Sound	WA	VII
			Bainbridge Island	WA	III
			Bainbridge Island	WA	
			Bainbridge Island	WA	III
			Bainbridge Island	WA	III
			Bainbridge Island	WA	
			Bainbridge island	WA	
			Bainbridge Island	WA	
			Bainbridge Island	WA	III
			Bainbridge Island	WA	III
			Western	WA	
			Tacoma	WA	III
			Tacoma	WA	III
			Olympia	WA	II
			Olympia	WA	IV
			Puget Sound	WA	V
			Port Angeles	WA	
			Tatoosh Island	WA	III
			Bainbridge Island	WA	
			Walla Walla	WA	
			Mount Idaho	ID	
			Mount Idaho	ID	
			Point No Point Lig	WA	
			Point No Point Lig	WA	
			Puyallup	WA	II
			Point No Point Lig	WA	
			Admiralty Head Li	WA	
			Olympia	WA	III
			Rosyln	WA	III
			Rosyln	WA	III
			Point No Point Lig	WA	
			Smith Island Light	WA	
			Admiralty Head Li	WA	
			Tacoma	WA	II
			Port Angeles	WA	VI
			Port Townsend	WA	VII
			Olympia	WA	II
			Seattle	WA	
			Pysht	WA	
			Kalama	WA	
			Olympia	WA	
			Tacoma	WA	II
			Sydney	B.C.	II
			Toulte River	WA	IV
			Olympia	WA	
			Ellensburg	WA	III
			Tacoma	WA	II
			Mt. Rainier	WA	

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ID	strec	sid	qcom	year	month
1101		1TAWA		1894	11
1102		1TAWA		1895	2
1103		1TAWA		1895	4
1104		1TAWA		1896	1
1105		1TAWA		1896	1
1106		1TAWA		1896	2
1107		1TAWA		1897	9
1108		1TAWA		1897	12
1109		1TAWA		1897	12
1109		2TAWA		1897	12
1109		3TAWA		1897	12
1110		1TAWA		1898	1
1110		2TAWA		1898	1
1110		3TAWA		1898	1
1111		1TAWA		1898	2
1112		1TAWA		1898	2
1113		1TAWA		1898	6
1114		1TAWA		1898	8
1115		1TAWA		1902	1
1116		1TAWA		1903	3
1117		1TAWA		1903	12
1118		1TAWA		1904	3
1119		1TAWA		1906	1
1120		1TAWA		1906	4
1121		1TAWA		1906	6
1122		1TAWA		1906	11
1123		1TAWA		1907	7
1124		1TAWA		1909	1
1125		1TAWA		1909	5
1126		1TAWA		1909	8
1127		1TAWA		1911	7
1128		1TAWA		1911	9
1129		1TAWA		1912	6
1130		1TAWA		1912	11
1130		2TAWA		1912	11
1130		3TAWA		1912	11
1131		1TAWA		1913	7
1132		1TAWA		1913	12
1132		2TAWA		1913	12
1133		1TAWA		1914	2
1134		1TAWA		1914	8
1135		1TAWA		1914	9
1136		1TAWA		1915	1
1137		1TAWA		1915	2
1138		1TAWA		1915	2
1138		2TAWA		1915	2
1139		1TAWA		1915	3
1139		2TAWA		1915	3
1140		1TAWA		1915	4
1141		1TAWA		1915	7
1142		1TAWA		1915	8
1142		2TAWA		1915	8
1143		1TAWA		1915	11
1144		1TAWA		1915	12
1145		1TAWA		1916	1
1146		1TAWA		1916	2
1147		1TAWA		1916	3
1148		1TAWA		1916	4
1149		1TAWA		1916	5
1150		1TAWA		1916	11
1151		1TAWA		1917	3
1152		1TAWA		1917	6

day	hour	min	sec	AMPM	time type
21	6	30		P	P
25	4	47		A	P
16				P	P
3	10	30		P	P
8	9	56		P	P
6	9	55		P	P
27	1	30		A	P
15					
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2	6	30		P	P
22	5	30		A	P
3					
12					
13	6	25		P	P
15					
16	8	18		P	P
2	5	45		A	P
18	5	12		A	P
1	4	55		A	P
1	5	49		P	P
28	2	20		A	P
11	3	50		P	P
24	9	30		A	P
17					
4	12				P
28	6	39		P	P
6				P	P
24	7	20		P	P
24	8	30		P	P
24	9	5		P	P
29	8	15		A	P
25	2	45		A	P
25	6	40		A	P
1					
8					
5	1	40		A	P
25	4	55		P	P
10	7	7		P	P
28	10			A	P
28	7			P	P
5	9	10		P	P
5	9	30		P	P
22	10	34		A	P
18	12	54		P	P
18	6	4		A	P
18	10			A	
18	3	42		P	P
10	12	45		P	P
1	4	52		P	P
22	3	45		P	P
2	3	15		P	P
23	8	43		P	P
12	6	30		P	P
21	11	30		A	P
28	9	5		A	P
9	6	30		A	P

dayofweek	lat	lattype	long	lontype	prec
		N		W	
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depth	depthu	depthprec	feltpl	feltst	int
			Tacoma	WA	
			Tacoma	WA	III
			Port Townsend	WA	VI
			Port Angeles	WA	VII
			Turn Point Lightho	WA	
			East Clallam	WA	
			Olympia	WA	
			Waterville	WA	
			Lakeside	WA	
			Lakeside	WA	
			Lakeside	WA	
			Lakeside	WA	
			Lakeside	WA	
			Lakeside	WA	
			Brinnon	WA	
			Ellensburg	WA	
			Lakeside	WA	
			Seattle	WA	
			Jefferson county	WA	
			Puget Sound	WA	
			Mount Rainier	WA	
			Olympia	WA	X
			Northeastern	WA	
			Spokane	WA	
			Seattle	WA	V
			Colville	WA	V
			Port Townsend	WA	
			Northwest	WA	VIII
			Douglas	WA	V
			Dayton	WA	
			Ellensburg	WA	IV
			Bellingham	WA	V
			Seattle	WA	
			Seattle	WA	
			Seattle	WA	
			Seattle	WA	
			Ashford	WA	
			Edmonds	WA	
			Edmonds	WA	
			Lakeside	WA	
			Lakeside	WA	
			Puget Sound	WA	V
			Longmire	WA	IV
			Queets River	WA	III
			Lakeside	WA	III
			Lakeside	WA	
			Lakeside	WA	II
			Lakeside	WA	IV
			Tacoma	WA	
			Lakeside	WA	
			Marblemount	WA	V
			Marblemount	WA	
			La Center	WA	V
			Spokane	WA	IV
			Olympia	WA	IV
			Marietta	WA	V
			Cedar Falls	WA	II
			Sumner	WA	II
			Spokane	WA	
			Silverton	WA	IV
			Ashford	WA	V
			Longmire	WA	V

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ID	strec	sid	qcom	year	month
1153		1TAWA		1917	11
1154		1TAWA		1917	11
1155		1TAWA		1918	2
1156		1TAWA		1918	3
1157		1TAWA		1918	3
1158		1TAWA		1918	4
1159		1TAWA		1918	5
1160		1TAWA		1918	6
1161		1TAWA		1918	11
1162		1TAWA		1918	12
1163		1TAWA		1919	6
1164		1TAWA		1920	1
1165		1TAWA		1920	3
1166		1TAWA		1920	11
1167		1TAWA		1921	9
1167		2TAWA		1921	9
1167		3TAWA		1921	9
1168		1TAWA		1922	1
1169		1TAWA		1922	1
1170		1TAWA		1922	5
1171		1TAWA		1922	6
1172		1TAWA		1922	7
1173		1TAWA		1923	2
1174		1TAWA		1923	3
1175		1TAWA		1923	7
1175		2TAWA		1923	7
1175		3TAWA		1923	7
1176		1TAWA		1924	1
1177		1TAWA		1924	2
1178		1TAWA		1924	4
1179		1TAWA		1924	5
1180		1TAWA		1924	9
1181		1TAWA		1925	6
1182		1TAWA		1925	8
1183		1TAWA		1925	8
1184		1TAWA		1925	11
1185		1TAWA		1926	4
1186		1TAWA		1926	4
1187		1TAWA		1926	10
1188		1TAWA		1926	12
1189		1TAWA		1926	12
1189		2TAWA		1926	12
1190		1TAWA		1927	1
1191		1TAWA		1927	3
1192		1TAWA		1885	10
1193		1N-Ore		1918	12
1194		1N-Ore		1924	5
1195		1N-Ore		1924	5
1195		2N-Ore		1924	5
1195		3N-Ore		1924	5
1196		1N-Ore		1906	6
1197		1N-Ore		1913	7
1198		1N-Ore		1872	12
1198		2N-Ore	B	1882	4
1199		1N-Ore		1872	12
1200		1N-Ore		1925	6
1201		1N-Ore		1876	11
1202		1CGR		1872	12
1202		2CGR		1872	12
1202		3CGR		1872	12
1202		4CGR		1872	12
1202		5CGR		1872	12

day	hour	min	sec	AMPM	time type
12	2	47		A	P
13	6	57		P	P
28	3	45		P	P
1	4	8		P	P
11	8	26		P	P
18	1	13		P	P
7	1	15		P	P
20	9	47		P	P
1	9	20		A	P
6	12	45		A	P
5	10	33		P	P
23	11	9		P	P
1	8	20		P	P
28	3	30		A	P
14	3			A	P
14	5			A	P
14	5	1		A	P
31	6	30		A	P
31	11			A	P
15	9	30		A	P
1	3	30		P	P
5	10	5		A	P
12	10	30		A	P
12	10	15		A	P
14	3	30		P	P
14	4	10		P	P
14	5	45		P	P
6	5	9		A	P
10	6	5		A	P
25	12	3		A	P
26	4	19		P	P
19	9	30		A	P
27	5	21		P	P
1	12	50		P	P
13	4	8		P	P
26	1	40		P	P
10	7	28		P	P
23	5	56		A	P
16	6	45		P	P
4	5	55		A	P
30	9	58		A	P
30	10	8		A	L
2	8	58		P	P
27	11	56		P	P
9	8			A	P
6	12	45		A	L
4	12			A	L
4	12	15		A	L
4	12	40		A	L
4	12	45		A	L
1	4	55		A	
29	11	15		A	L
14	9	40		P	L
30					L
14	9	20		P	L
30					
24					
14	9	40	30	P	L
14	10	12		P	L
14	11			P	L
15	3			A	L
15	5			A	L

dayofweek	lat	lattype	long	lontype	prec
		N		W	
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depth	depthu	depthprec	feltpl	feltst	int
			Longmire	WA	V
			Longmire	WA	V
			Yakima	WA	IV
			Walla Walla	WA	III
			Northeastern	WA	
			White Bluffs Prairie	WA	IV
			North Fork, Sauk R	WA	IV
			Longmire	WA	V
			Corfu	WA	VI
			Northwestern	WA	
			Seattle	WA	
			Clallam Bay	WA	VII
			Glenoma	WA	IV
			southern	WA	
			Dixie	WA	VI
			Dixie	WA	
			Dixie	WA	
			Tonasket	WA	III
			Republic	WA	II
			Vancouver	WA	
			Spokane	WA	IV
			Stabler	WA	IV
			Bellingham	WA	V
			Anacortes	WA	IV
			Silverton	WA	IV
			Arlington	WA	IV
			Arlington	WA	
			Walla Walla	WA	IV
			Seattle	WA	
			Seattle	WA	III
			Walla Walla	WA	IV
			Brush Praire	WA	IV
			Gallatin County	MT	
			Port Angeles	WA	IV
			Seattle	WA	III
			Bellingham	WA	III
			Walla Walla	WA	III
			Walla Walla	WA	IV
			White Salmon	WA	V
			Strait of Juan de F	WA	
			Wenatchee	WA	VI
			Davenport	WA	
			Leavenworth	WA	V
			Offshore	WA	
			Olympia	WA	V
			Vancouver	B.C.	
			Dallas	OR	
			Dallas	OR	
			Dallas	OR	
			Dallas	OR	
			Seattle	WA	
			Mount Rainier	WA	
			Portland	OR	
			Portland	OR	
			Wallula	WA	
			Newberry Crater	OR	
			Dalles	OR	
			Olympia	WA	
			Olympia	WA	
			Olympia	WA	
			Olympia	WA	

inttype	far	fari	faru	mag	magtype
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ID	strec	sid	acom	year	month
1202	6	CGR		1872	12
1202	7	CGR		1872	12
1202	8	CGR		1873	1
1203	1	CGR		1873	10
1203	2	CGR		1873	11
1203	3	CGR		1873	12
1203	4	CGR		1873	12
1204	1	CGR		1876	8
1204	2	CGR		1877	10
1204	3	CGR		1877	10
1204	4	CGR		1877	10
1205	1	CGR		1880	12
1205	2	CGR		1880	12
1205	3	CGR		1880	12
1205	4	CGR		1880	12
1205	5	CGR		1880	12
1206	1	CGR		1877	3
1207	1	CGR		1881	1
1207	2	CGR		1881	1
1207	3	CGR		1881	1
1207	4	CGR		1881	3
1208	1	CGR		1882	4
1208	2	CGR		1882	5
1209	1	CGR		1883	9
1210	1	CGR		1884	1
1210	2	CGR		1884	9
1211	1	CGR		1885	5
1211	2	CGR		1885	6
1211	3	CGR		1885	10
1211	4	CGR		1885	10
1211	5	CGR		1885	12
1211	6	CGR		1885	12
1211	7	CGR		1885	12
1211	8	CGR		1885	12
1211	9	CGR		1885	12
1211	10	CGR		1885	12
1212	1	DIARY		1841	12
1213	1	JOURN		1841	12
1213	2	JOURN		1856	12
1213	3	JOURN		1859	4
1214	1	N-OR		1867	1
1215	1	N-OR		1868	2
1216	1	HOLD2		1864	10
1217	1	HOLD2		1865	8
1218	1	HOLD2		1866	12
1219	1	HOLD2		1867	1
1220	1	HOLD2		1868	11
1221	1	HOLD2		1870	
1222	1	HOLD2		1872	12
1223	1	HOLD2		1872	12
1224	1	HOLD2		1872	12
1225	1	HOLD2		1872	12
1226	1	HOLD2		1872	12
1227	1	HOLD2		1872	12
1228	1	HOLD2		1872	12
1229	1	HOLD2		1872	12
1230	1	HOLD2		1872	12
1231	1	HOLD2		1873	1
1232	1	HOLD2		1873	11
1233	1	HOLD2		1873	12
1234	1	HOLD2		1873	12
1235	1	HOLD2		1874	

day	hour	min	sec	AMPM	time type
15	6	37	30	P	L
16	9	17			
4					
19	2			P	L
22	9			P	
17	11			P	L
20				P	L
16	1	15		P	L
12	1	53		P	L
12	9			A	L
26	5			P	L
7	5	45		P	L
10	5			A	L
12	8	40		P	L
14	7			P	L
20	11	16		P	L
18	6	30		A	L
5	10	56		P	L
6	4	20		P	L
7	10	15		P	L
14	10	30		P	L
30	10	48		P	L
1	12	25		A	L
	12			A	L
3	20	40			L
21	22				L
3	23	30			L
27	5	26		A	L
9	8			A	L
10	1			A	L
8	22	40			
8	22	35			
8	23	15			
8	23	50			
18	0	30			
18	0	40			
2	4			P	L
2	4			P	
26					
2	2	30		A	L
8				A	L
26				P	L
29				P	L
25	9			P	L
8					
5					
14	21	40	30	P	L
14	21	46		P	L
14	22				L
14	23				L
15	3			A	L
15	5			A	L
16	9	17	30	A	L
16					
16					
9					
22	9			P	L
17	11			P	L
17					

dayofweek	lat	lattype	long	lontype	prec
Sunday		N		W	
		N		W	
		N		W	

depth	depthu	depthprec	feltpl	feltst	int
			Olympia	WA	
			Walla Walla	WA	
			Seatlle	WA	
			Crescent City	CA	
			Victoria	B.C.	
			Victoria	B.C.	
			Offshore	OR	
			Portland	OR	
			Cascades	OR	
			Offshore	OR	
			Olympia	WA	
			Bainbridge Island	WA	
			Puget Sound	WA	
			Bainbridge Island	WA	
			Bainbridge Island	WA	
			Tacoma	WA	
			Bainbridge Island	WA	
			Bainbridge Island	WA	
			Bainbridge Island	WA	
			Bainbridge Island	WA	
			Portland	OR	
			Portland	OR	
			Portland	OR	
			Portland	OR	
			Tacoma	WA	
			Olympia		III
			Olympia	WA	IV
			Olympia	WA	V
			East Portland	OR	III
			Puget Sound	WA	V
			East Sound	WA	
			East Sound	WA	
			East Sound	WA	
			Tatoosh Island	WA	III
			Tatoosh Island	WA	
			Van Couver	WA	
			Ft. Vancouver	WA	
			Port Townsend	WA	
			Olympia	WA	
			Fort Klamath	OR	
			Victoria	B.C.	
			Victoria	B.C.	
			Vancouver Island	B.C.	VI
			Dalles	OR	
					X
			Victoria	B.C.	
			Puget Sound	WA	VII
			Puget Sound	WA	
			Puget Sound	WA	VII
			Puget Sound	WA	
			Puget Sound	WA	
			Puget Sound	WA	
			Puget Sound	WA	
			Puget Sound	WA	
			Eugene	OR	
			Walla Walla	WA	
			Tacoma	WA	III
			Offshore	OR	VIII
			Victoria	B.C.	IV
			Olympia	WA	
			Tacoma	WA	II

inttype	far	fari	faru	mag	magtype
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ID	strec	sid	qcom	year	month
1236		1 HOLD2		1877	10
1236		2 HOLD2		1877	10
1237		1 HOLD2		1879	
1238		1 HOLD2		1880	12
1239		1 HOLD2		1880	12
1240		1 HOLD2		1880	12
1241		1 HOLD2		1880	12
1242		1 HOLD2		1880	12
1243		1 HOLD2		1883	5
1244		1 HOLD2		1883	6
1245		1 HOLD2		1884	1
1246		1 HOLD2		1884	9
1247		1 HOLD2		1885	5
1247		2 HOLD2		1885	5
1248		1 HOLD2		1885	12
1249		1 HOLD2		1887	4
1250		1 HOLD2		1888	2
1251		1 HOLD2		1889	3
1252		1 HOLD2		1889	
1253		1 HOLD2		1889	10
1254		1 HOLD2		1890	2
1255		1 HOLD2		1890	3
1256		1 HOLD2		1890	3
1257		1 HOLD2		1890	3
1258		1 HOLD2		1890	10
1259		1 HOLD2		1891	3
1260		1 HOLD2		1891	3
1261		1 HOLD2		1891	9
1262		1 HOLD2		1891	9
1263		1 HOLD2		1891	9
1264		1 HOLD2		1891	9
1265		1 HOLD2		1891	11
1266		1 HOLD2		1891	11
1267		1 HOLD2		1891	11
1268		1 HOLD2		1891	11
1269		1 HOLD2		1891	11
1270		1 HOLD2		1892	2
1271		1 HOLD2		1892	2
1272		1 HOLD2		1892	2
1273		1 HOLD2		1892	2
1273		2 HOLD2		1892	2
1274		1 HOLD2		1892	4
1275		1 HOLD2		1892	4
1276		1 HOLD2		1892	4
1277		1 HOLD2		1892	4
1278		1 HOLD2		1893	2
1279		1 HOLD2		1893	3
1280		1 HOLD2		1893	8
1281		1 HOLD2		1893	12
1282		1 HOLD2		1894	1
1283		1 HOLD2		1894	1
1284		1 HOLD2		1894	1
1285		1 HOLD2		1894	4
1286		1 HOLD2		1894	5
1287		1 HOLD2		1894	11
1288		1 BB		1841	12
1289		1 BB		1846	
1290		1 BB		1865	11
1291		1 BB		1866	6
1292		1 BB		1866	11
1293		1 BB		1866	12
1294		1 BB		1867	1

day	hour	min	sec	AMPM	time type
12	1	53		P	L
12	9			A	L
7	5	54		P	L
10	5			A	L
12	8	40		P	L
14	7			P	
20	11	16		P	L
10				P	
3	20	40			L
21	22				
3	23	30			
4	1	30		A	L
8	22	40			L
29					
1	4			A	L
16	2			P	L
	18				
20	3			P	L
1	5	15		P	L
8					
15	20				
29	14	30			L
8	2			P	L
7	7	35		P	L
7	7	30		P	L
16	8	30		P	L
21	4	10		A	
22	3	40		A	L
8	8			P	L
29	3	21		P	L
29	3	34		P	L
29	3	14		P	L
29	3	16		P	L
3	8	30		P	L
3	8	27		P	L
3	8	32		P	L
3	8	20		P	L
3	8	40		P	L
17	2	39		P	L
17	2	50		P	L
17	2	45		P	L
17	2	56		P	L
16					
6				P	L
14	5	7		A	L
6					
14	3	25		A	L
14					
17					
15	20	56			L
23	22	30			L
21					
2	4			P	L
26					
24	10	10		A	L
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dayofweek	lat	lattype	long	lontype	prec
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depth	depthu	depthprec	feltpl	feltst	int
			Portland	OR	VII
			Cascades	OR	
			Portland	OR	
			Olympia	WA	IV
			Bainbridge Island	WA	IV
			Puget Sound	WA	VII
			Bainbridge Island	WA	III
			Bainbridge Island	WA	IV
			Victoria	B.C.	III
			Tacoma	WA	III
			Portland	OR	IV
			New Tacoma	WA	III
			Olympia	WA	II
			Olympia	WA	II
			Puget Sound	WA	V
			Walla Walla valle	WA	
			Point No Point Lig	WA	
			Point No Point Lig	WA	
			Puyallup	WA	II
			Point No Point Lig	WA	
			Admiralty Head Li	WA	
			Olympia	WA	III
			Roslyn	WA	III
			Roslyn	WA	III
			Point No Point Lig	WA	
			Admiralty Head Li	WA	
			Smith Island Light	WA	
			Tacoma	WA	II
			Salem	OR	
			Port Angeles	WA	VI
			Victoria	B.C.	
			Ashland	OR	
			Seattle	WA	
			Pysht	WA	VI
			Port Townsend	WA	VII
			Tacoma	WA	II
			Portland	OR	VII
			Astoria	OR	
			Salem	OR	
			Yaquina Head Lig	OR	
			Warrior Rock Light	OR	
			Olympia	WA	
			Portland	OR	
			Olympia	WA	
			Portland	OR	
			Sydney	WA	II
			Umatilla	OR	VIII
			11 miles from sum	WA	IV
			Mount Baker??	WA	
			Tacoma	WA	II
			Vancouver	B.C.	
			Mt. Jefferson	OR	
			Ellensburg	WA	III
			Tacoma	WA	II
			Mt. Rainier	WA	
			Fort Vancouver	WA	III
			Oregon City	OR	
			Offshore	OR	
			Jackson County	OR	
			The Dalles	OR	IV
			The Dalles	OR	III
			Fort Klamath	OR	X

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ID	strec	sid	qcom	year	month
1295		1 BB		1873	11
1296		1 BB		1877	10
1297		1 BB		1877	10
1298		1 BB		1877	10
1299		1 BB		1877	11
1300		1 BB		1879	
1301		1 BB		1882	5
1302		1 BB		1883	9
1303		1 BB		1884	1
1304		1 BB		1885	10
1305		1 BB		1891	9
1306		1 BB		1891	11
1307		1 BB		1892	2
1308		1 BB		1892	2
1309		1 BB		1892	11
1310		1 BB		1893	3
1311		1 BB		1893	7
1312		1 BB		1896	4
1313		1 BB		1896	6
1314		1 BB		1896	8
1315		1 BB		1897	1
1316		1 BB		1897	12
1317		1 BB		1898	2
1318		1 BB		1898	2
1319		1 BB		1900	9
1320		1 BB		1902	6
1321		1 BB		1902	6
1322		1 BB		1902	12
1323		1 BB		1902	12
1324		1 BB		1902	12
1325		1 BB		1902	12
1326		1 BB		1904	6
1327		1 BB		1904	6
1328		1 BB		1904	6
1329		1 BB		1906	4
1330		1 BB		1906	4
1331		1 BB		1906	4
1332		1 BB		1906	4
1333		1 BB		1906	4
1334		1 BB		1906	4
1335		1 BB		1906	4
1336		1 BB		1906	4
1337		1 BB		1906	9
1338		1 BB		1907	5
1339		1 BB		1909	12
1340		1 BB		1910	2
1341		1 BB		1910	2
1342		1 BB		1910	8
1343		1 BB		1913	3
1344		1 BB		1913	3
1345		1 BB		1913	10
1346		1 BB		1914	3
1347		1 BB		1914	9
1348		1 BB		1914	8
1349		1 BB		1915	1
1350		1 BB		1915	1
1351		1 BB		1915	5
1352		1 BB		1915	10
1353		1 BB		1916	1
1354		1 BB		1916	5
1355		1 BB		1917	6
1356		1 BB		1918	2

day	hour	min	sec	AMPM	time type
22	9			P	L
12	9			A	L
12	1	53		P	L
26	5			P	L
30	4			A	L
1	12	25		A	L
28	12			A	L
3	8	40		P	P
10	1			A	P
16	8	30		P	P
8	8			P	P
3	8	30		P	P
29	2	45		A	P
6	5	3		P	P
2	3	17		A	P
5	10	20		P	P
26				P	P
26	2	45		P	P
6	8	30		P	P
21	6	25		P	P
22	1	15		A	P
28					
14	8	0		P	P
15	1	0		A	P
2	2	0		A	P
4	8			P	P
5	1	30		A	P
18	7	0		A	P
16	10	25		A	P
16	11	40		A	P
16	2			P	P
2	9	0		P	P
12	8	50		P	P
19	1	30		A	P
19					
19					
19					
23	1	12		A	P
29	9	0		A	P
1					
27	4	0		A	P
30	4	23		P	P
7	4	45		P	P
15	4	0		P	P
5	1	31	36		
15	12	40		P	P
15	7			P	P
14	3	0		P	P
22	6	30		A	P
5	2	0		A	P
22	5	28	18		
17				P	P
19					
18	7	0		P	P
19	11	30		P	P
4	10	40		A	P
28					
10	4	32	24		
12	6	0		P	P

dayofweek	lat	lattype	long	lontype	prec
		N		W	
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		N		W	
	43.2167	N	128	W	1 minute?
		N		W	
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depth	depthu	depthprec	feltpl	feltst	int
			Port Orford	OR	VIII
			Cascades	OR	VIII
			Portland	OR	III
			Offshore	OR	
			Portland	OR	III
			Portland	OR	IV
			Portland	OR	III
			Portland	OR	
			Portland	OR	IV
			Portland	OR	III
			Salem	OR	IV
			Ashland	OR	IV
			Portland	OR	VI
			The Dalles	OR	IV
			Oregon City	OR	
			Umatilla	OR	VII
			The Dalles	OR	
			McMinnville	OR	VI
			Cape Blanco Ligh	OR	IV
			Mount Hood	OR	
			Newport	OR	IV
			Forest Grove	OR	III
			Portland	OR	IV
			Portland	OR	III
			St. Helens	OR	
			Newport	OR	IV
			Newport	OR	IV
			Kerby	OR	III
			Hood River	OR	
			Grants Pass	OR	
			Fox Valley	OR	III
			Portland	OR	IV
			Portland	OR	
			Portland	OR	
			Ashland	OR	
			Ashland	OR	
			Paisley	OR	V
			Paisley	OR	
			Paisley	OR	
			Paisley	OR	
			Grants Pass	OR	VI
			Paisley	OR	V
			Baker	OR	III
			Portland	OR	III
			Portland	OR	IV
			Portland	OR	
			Portland	OR	IV
			Offshore	OR	
			Medford	OR	III
			Roseburg	OR	IV
			Seven Devils Regi	OR	VI
			Portland	OR	IV
			Portland	OR	
			Offshore	OR	
			Summerville	OR	III
			Summerville	OR	
			Portland	OR	V
			Fruita		
			Newport	OR	IV
			Baker	OR	III
			Offshore	OR	
			Portland	OR	III

inttype	far	fari	faru	mag	magtype
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ID	strec	sid	qcom	year	month
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1359		1 BB		1920	11
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1362		1 BB		1921	3
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1371		1 BB		1924	1
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1383		1 BB		1929	8
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1410		1 MILNE		1880	8
1411		1 MILNE		1880	12
1412		1 MILNE		1882	4
1413		1 MILNE		1883	5
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1415		1 MILNE		1891	9
1416		1 MILNE		1891	11
1417		1 MILNE		1893	2

day	hour	min	sec	AMPM	time type
25	10	0		P	P
14	3	45		P	P
9	12	20		P	P
15	10	50		A	P
25	12	0		A	P
4	12	0		P	P
22	11	20		A	P
26	10	15		P	P
15	9	30		A	P
15	8	20		P	P
12					
10	8	29		P	P
10	10	15		P	P
10	11	45		P	P
6	3	10		P	P
24	5	45	10		
19					
1	11			P	P
5	19	50	24		
8	9	0		P	P
8	11	0		P	P
9	1	30		A	P
9	6	0		A	P
3	8	40		P	P
4					
11	12	36	19		
14	19	3	30		
2				P	
25	5			P	L
26					
22	3			P	L
22	5	30		P	L
26	3			P	L
12	8	40		P	L
26	1	30		P	L
9	2	53		A	L
26	12	45		A	L
29	6	10		P	L
12					
25	9			P	L
16	2	3		A	L
20	3	30		P	L
14	9	40		P	L
14	9	46		P	L
14	10	0		P	L
14	11	0		P	L
15	3	0		A	L
15	5	0		A	L
16	9	17		A	L
19	5	38		A	L
17	11			P	L
22	1	25		P	L
22	9			A	L
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12	8	40		P	L
30	10	45		P	L
10	6	55		P	L
8	10	12		P	L
22	3	40		A	L
29	3	14		P	L
16					

dayofweek	lat	lattype	long	lontype	prec
		N		W	
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		N		W	
		N		W	
	44	N	127	W	1 Degree
		N		W	
		N		W	
	43	N	127.5	W	.5 Degree
		N		W	
		N		W	
		N		W	
		N		W	
		N		W	
	44.7	N	124.1	W	.1 Degree
	43.5	N	130.25	W	.25 Degree
	43	N	130	W	1 Degree
		N		W	
		N		W	
		N		W	
		N		W	
		N		W	
		N		W	
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depth	depthu	depthprec	feltpl	feltst	int
			Bullrun	OR	IV
			Crater Lake	OR	V
			Portland	OR	
			Cascadia	OR	III
			Cascadia	OR	V
			Portland	OR	III
			Portland	OR	IV
			Portland	OR	IV
			Portland	OR	IV
			Hermiston	OR	III
			Pendleton	OR	III
			Lakeview	OR	VI
			Lakeview	OR	
			Lakeview	OR	
			Milton	OR	V
			Offshore	OR	
				OR	
			Lakeview	OR	III
			Offshore	OR	
			Richland	OR	V
			Richland	OR	IV
			Richland	OR	IV
			Richland	OR	IV
			Newport	OR	IV
			Newport	OR	IV
			Offshore	OR	
			Offshore	OR	
			Fort Vancouver	B.C.	
			Port Townsend	WA	
			Victoria	B.C.	IV
			Victoria	B.C.	
			Old Langley	B.C.	
			Victoria	B.C.	
			Vancouver	B.C.	
			Victoria	B.C.	
			Victoria	B.C.	
			Victoria	B.C.	VI
			Victoria	B.C.	
			Vancouver Island	B.C.	VI
			Victoria	B.C.	
			Victoria	B.C.	IV
			Pacific Coast Reg	B.C.	IX
			Puget Sound	WA	VII
			Victoria	B.C.	VI
			Victoria	B.C.	IV
			Victoria	B.C.	IV
			Victoria	B.C.	
			Victoria	B.C.	
			Victoria	B.C.	
			Victoria	B.C.	
			Puget Sound	WA	VII
			Victoria	B.C.	V
			Victoria	B.C.	
			Puget Sound	WA	V
			Victoria	B.C.	VI
			Puget Sound	WA	
			Sidney	B.C.	

inttype	far	fari	faru	mag	magtype
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ID	strec	sid	acom	year	month
1418		1 MILNE		1894	1
1419		1 MILNE		1891	4
1420		1 MILNE		1895	7
1421		1 MILNE		1895	11
1422		1 MILNE		1896	1
1423		1 MILNE		1896	3
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1425		1 MILNE		1900	11
1426		1 MILNE		1904	3
1427		1 MILNE		1906	1
1428		1 MILNE		1906	5
1429		1 MILNE		1907	7
1430		1 MILNE		1908	5
1431		1 MILNE		1908	11
1432		1 MILNE		1908	12
1433		1 MILNE		1909	1
1434		1 MILNE		1909	5
1435		1 MILNE		1911	7
1436		1 MILNE		1911	9
1437		1 MILNE		1912	3
1438		1 MILNE		1912	8
1439		1 MILNE		1912	11
1439		2 MILNE		1912	11
1440		1 MILNE		1913	10
1441		1 MILNE		1914	7
1442		1 MILNE		1915	8
1443		1 MILNE		1916	6
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1449		1 MILNE		1918	12
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1454		1 MILNE		1919	7
1455		1 MILNE		1919	10
1456		1 MILNE		1920	1
1457		1 MILNE		1920	3
1458		1 MILNE		1920	5
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1460		1 MILNE		1920	11
1461		1 MILNE		1921	2
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1463		1 MILNE		1921	4
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1466		1 MILNE		1921	4
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1471		1 MILNE		1922	12
1472		1 MILNE		1923	1
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1474		1 MILNE		1923	3
1475		1 MILNE		1923	4
1476		1 MILNE		1923	4
1477		1 MILNE		1923	4
1478		1 MILNE		1923	4

day	hour	min	sec	AMPM	time type
14					
16	12	0		A	L
2	7	0		P	L
30					
3	10	30		P	L
15					
30				P	L
18				P	L
16	8	21		P	L
3	5	42		A	L
14					
28	2	20		A	L
15	12	31		A	L
30				P	L
1	3			A	L
11	3	44		P	L
17	9	20		A	L
4	10	23		P	L
28	6	45		P	L
11	2	17			L
18					
21	4	47		P	L
21	5	15			P
18					
21	2	31		P	L
18	6	5		A	L
19	5	50		A	L
1					
23					
4	12	35			L
13	5			A	L
22	8	21		A	L
6	0	41	41	A	L
7					
16	5	9		A	L
18					
1					
10					
10					
23	11	10		P	L
28	9	8		P	L
8					
20	8	7		P	L
28	3	30			L
21					
10	5	40		A	L
10	11			A	L
11	7			A	L
11	7	30		A	L
12					
28	12	55			L
25					
13					
15	9	30		A	L
27	6	30		P	L
10	8	27		P	L
12	10	20		A	L
12					
13	2	26		A	L
24					
25	11	32		A	L
29					

dayofweek	lat	lattype	long	lontype	prec
		N		W	
		N		W	
		N		W	
		N		W	
		N		W	
		N		W	
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		N		W	
		N		W	
		N		W	
	59	N	141	W	1 Degree
		N		W	
		N		W	
		N		W	
		N		W	
		N		W	
		N		W	
	51	N	131	W	1 Degree
		N		W	
		N		W	
		N		W	
		N		W	
	49	N	130	W	1 Degree
	48.5333	N	121.4333	W	1 minute
		N		W	
	50	N	128	W	1 Degree
	50	N	128	W	1 Degree
	51	N	118	W	1 Degree
		N		W	
		N		W	
	49.75	N	126.5	W	.25 Degree
		N		W	
		N		W	
	56	N	136	W	1 Degree
	50	N	128	W	1 Degree
	50	N	128	W	1 Degree
	49	N	124	W	1 Degree
	49	N	122.66	W	.33 Degree
	51	N	129	W	1 Degree
	56	N	136	W	1 Degree
		N		W	
	50	N	128	W	1 Degree
	52	N	125	W	1 Degree
	54	N	134	W	1 Degree
		N		W	
		N		W	
		N		W	
	53.2	N	133.7	W	.1 Degree
	48	N	127.5	W	.5 Degree
	49	N	124	W	1 Degree
	60	N	110	W	1 Degree
		N		W	
		N		W	
		N		W	
		N		W	
		N		W	
		N		W	
	59	N	135.5	W	.5 Degree
	59	N	138	W	1 Degree
	59	N	135.5	W	.5 Degree

depth	depthu	depthprec	feltpl	feltst	int
			Vancouver Island	B.C.	
			Victoria	B.C.	
			Nanaimo	B.C.	
			Kyugot	B.C.	
			Port Angeles	WA	
			Burrard Mountains	B.C.	
			Vancouver	B.C.	
			Vancouver Island	B.C.	
			Seattle	WA	
			Nelson	B.C.	
			Kootenay Mount	B.C.	
			Victoria	B.C.	
			Queen Charlotte	B.C.	
			Lawnhill	B.C.	
			Gulf Islands	B.C.	VI
			Winnipeg		
			Victoria	B.C.	
			Bellingham	WA	
			Triangle Island	B.C.	
			Salmon Arm	B.C.	
			Fraser River	B.C.	
			Fraser River	B.C.	0
			Graham Islands	B.C.	
			Seattle	WA	
			Nanaimo	B.C.	III
			Revelstoke	B.C.	
			Victoria	B.C.	
			Victoria	B.C.	
			Estevan Lighthous	B.C.	
			Alberni	B.C.	
			Alberni	B.C.	
					0
			Victoria	B.C.	
			Victoria	B.C.	
				WA	
			Masset	B.C.	
			Masset	B.C.	
			Masset	B.C.	
			Masset	B.C.	
			Alert Bay	B.C.	
					0
			Vancouver	B.C.	
			Victoria	B.C.	
			Victoria	B.C.	
			Bellingham	WA	
			Gulf Islands	B.C.	

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				7 G	
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				6.5 G	
				5.75 G	

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ID	strec	sid	acom	year	month
1479		1 MILNE		1923	5
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1517		1 MILNE		1929	12
1518		1 N-Ore		1856	12
1519		1 N-Vic		1858	
1519		2 N-Vic		1864	10
1520		1 N-Vic		1864	10
1521		1 DIARY		1864	10
1522		1 N-Ore		1866	11
1523		1 N-WaS		1869	2
1524		1 N-WaS		1869	6
1525		1 N-WaS		1870	1
1526		1 N-WaS		1870	3
1527		1 N-WaS		1872	2
1528		1 N-Ore		1873	11
1529		1 N-Ore		1873	
1530		1 N-Ore		1874	
1531		1 N-WaS		1875	4
1531		2 N-WaS		1875	4
1531		3 N-WaS		1875	4
1532		1 N-Ore		1877	10
1532		2 N-Ore		1877	10
1533		1 N-Ore		1877	10
1534		1 N-Ore		1877	11
1535		1 N-Ore		1878	3
1536		1 N-Ore		1879	7

day	hour	min	sec	AMPM	time type
2	8	24		A	L
22					
13	9	30		A	L
13					
16					
22	7	4		P	L
29	4	9		P	L
8	3			A	L
17					
4	3	19		A	L
18	3	10		A	L
10	2	32		A	L
28	5	20		P	L
1	12	50		P	L
10	8	20		P	L
26	1	40		A	L
10					
17					
22					
30	11	41		A	L
31	11	29		P	L
4	3			A	L
4	6			A	L
6	1	57		P	L
8	2			P	L
27	1	58		P	L
24	7	59		P	L
25					
29					
12					
21					
31					
24	9	45		A	L
9	3	4		A	L
1	11	31		P	L
22					
26	2	42		P	L
17	11	17		A	L
14					
26					L
29	6	55		A	L
29	7			A	L
29	7	46		A	L
24	10	10		A	L
18					
27	8			P	L
11					
16	2	3			L
18	7			P	L
22	9	0			L
6	3	30			L
6	3	35			L
6	4	15			L
12	1	52		P	L
12	9			A	L
30					
18					
12	3	15		A	L

dayofweek	lat	lattype	long	lontype	prec
	50	N	128	W	1 Degree
	56	N	136	W	1 Degree
		N		W	
	50.5	N	129.5	W	.5 Degree
	53	N	131	W	1 Degree
		N		W	
	50	N	130.25	W	.25 Degree
		N		W	
	60	N	118	W	1 Degree
		N		W	
		N		W	
		N		W	
		N		W	
		N		W	
		N		W	
		N		W	
	66.5	N	130	W	.5 Degree
	49	N	124	W	1 Degree
	49	N	124	W	1 Degree
	48.5	N	129	W	.5 Degree
	48.75	N	128	W	.25 degree
		N		W	
		N		W	
		N		W	
	49	N	124	W	1 Degree
		N		W	
	57.5	N	137	W	.5 Degree
	56.4	N	136	W	.1 Degree
		N		W	
	56.4	N	136	W	.1 Degree
	56.4	N	136	W	.1 Degree
	56.4	N	136	W	.1 Degree
		N		W	
		N		W	
	51.5	N	130.75	W	.25 Degree
		N		W	
	51	N	131	W	1 Degree
	51	N	131	W	1 Degree
		N		W	
		N		W	
		N		W	
Saturday		N		W	
Saturday		N		W	
Saturday		N		W	
Saturday		N		W	
		N		W	
Sunday		N		W	
Tuesday		N		W	
Wednesday		N		W	
Sunday		N		W	
Saturday		N		W	
		N		W	
		N		W	
		N		W	
		N		W	
		N		W	
Friday		N		W	
Friday		N		W	
		N		W	
		N		W	
Monday		N		W	
		N		W	

depth	depthu	depthprec	feltpl	feltst	int
			Dead Tree Point	B.C.	
			Victoria	B.C.	
			Chilliwack	B.C.	III
			Victoria	B.C.	
			Vancouver Island	B.C.	III
			Victoria	B.C.	
			Nelson	B.C.	
			Victoria	B.C.	
			Lethbridge		
			Victoria	B.C.	III
			Yukon	B.C.	
			Shawnigan Lake	B.C.	
			Victoria	B.C.	IV
			Bull Harbor	B.C.	
			Bull Harbour	B.C.	
			Estevan	B.C.	
			Vancouver Island	B.C.	
			Abbotsford	B.C.	III
			Alberni	B.C.	IV
			Victoria	B.C.	
			Queen Charlotte	B.C.	VII
			Graham Islands	B.C.	
			Port Townsend	WA	
			Victoria	B.C.	
			Victoria	B.C.	
			Plumper Pass	B.C.	
			Sehome	WA	
			The Dalles	OR	
			Port Townsend	WA	
			Astoria	OR	
			Victoria	B.C.	
			Victoria	B.C.	
			Victoria	B.C.	
			Southern Oregon	OR	
			Grant's Pass	WA	
			Yakima	WA	
			Yakima	WA	
			Yakima	WA	
			Yakima	WA	
			Portland	OR	
			Cascades	OR	
			Walla Walla	WA	0
			Portland	OR	
			Tacoma	WA	
			Victoria	B.C.	

inttype	far	fari	faru	mag	magtype
				6	G
MM		6	mi2		
MM					
MM					
				6	G
				6.5	G
MM					
				7	G
MM					
MM					
				6	G
MM				7	G
				6.25	G

magcom	evno
	506
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	531
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from Gutenberg	586
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ID	strec	sid	qcom	year	month
1537		1 N-Ore		1880	12
1538		1 N-Ore		1880	12
1539		1 N-Ore		1880	12
1540		1 N-Ore		1880	12
1541		1 N-WA		1880	12
1541		2 N-WA		1880	12
1541		3 N-WA		1880	12
1541		4 N-WA		1880	12
1542		1 N-WA		1880	12
1543		1 N-WA		1880	12
1543		2 N-WA		1873	12
1544		1 N-Ore		1882	4
1544		2 N-Ore		1882	5
1545		1 N-Ore		1882	4
1546		1 N-Ore		1882	4
1547		1 N-WaS		1882	4
1548		1 N-WA		1882	4
1549		1 N-WA		1882	4
1550		1 N-WA		1882	4
1551		1 N-WA		1882	4
1552		1 N-Vic		1882	4
1553		1 N-OR		1882	4
1554		1 N-OR		1882	4
1555		1 N-Ore		1883	5
1556		1 N-Ore		1883	9
1557		1 N-Ore		1884	9
1558		1 N-Ore		1891	3
1559		1 N-WA		1891	3
1560		1 N-WA		1891	3
1560		2 N-WA	M	1882	
1561		1 N-WA		1891	3
1562		1 N-WA		1891	3
1563		1 N-WA		1891	3
1564		1 N-WA		1891	3
1565		1 DIARY		1891	3
1566		1 N-Ore		1891	9
1567		1 N-Ore		1891	11
1568		1 N-Ore		1892	2
1569		1 N-Ore		1892	2
1571		1 N-Ore		1892	4
1572		1 N-Ore		1893	3
1573		1 N-Ore		1893	8
1574		1 N-Ore		1894	1
1575		1 N-Ore		1894	4
1576		1 N-Ore		1894	11
1577		1 N-Ore		1895	2
1578		1 N-Ore		1895	2
1578		2 N-Ore		1877	10
1578		3 N-Ore	M	1892	2
1578		4 N-Ore	M	1892	4
1579		1 N-WA		1896	1
1580		1 N-Ore		1896	4
1580		2 N-Ore		1877	10
1580		3 N-Ore	M	1892	2
1580		4 N-Ore	M	1892	4
1580		5 N-Ore	M	1895	2
1581		1 N-Ore		1897	1
1582		1 N-Ore		1898	2
1582		2 N-Ore		1898	2
1582		3 N-Ore		1898	2
1583		1 N-Ore		1898	2
1584		1 N-Ore		1898	8

day	hour	min	sec	AMPM	time type
7	6			P	
13	8	30		P	L
12	8	45			L
12	8	30		P	L
7					
12	8			P	
12	9			P	
7	6			P	L
12	8	47		P	L
30	10	48		P	L
1	12	25		A	L
30	10	50		P	L
30				P	L
30	10	50			
30	10	50		P	L
30	10	45		P	L
30	11	5		P	L
30	10	40		P	L
30	10	45		P	L
30	11	10		P	L
30	10	30			
11	6	55		P	L
28	12	0			
21	10	30		P	L
7	7	50		P	L
7	7	40		P	L
7	7	40		P	L
7	7	40		P	L
7	7	40		P	L
7	7	40		P	L
7	7	40		P	L
7	7	30		P	L
16	8	45		P	L
29	3	20		P	L
3	8	30		P	L
29	2	55		A	L
17	2	57		P	L
5	5	3		P	L
27				P	L
14	3	20		A	L
15	9	56		P	L
21	6	30		P	L
25	4	45		A	L
25	4	47		A	L
12					
21					
17					
3	10	12		P	L
2	3	13		A	L
12	1	53		P	L
21	8	15		P	L
17	2	56		P	L
25					
27	2	45		P	L
21	6	25		A	L
22	1	15		A	
22	11			A	L
23	5	20		A	L
12				P	L

dayofweek	lat	lattype	long	lontype	prec
		N		W	
		N		W	
		N		W	
Sunday		N		W	
Sunday		N		W	
Tuesday		N		W	
		N		W	
		N		W	
Tuesday		N		W	
Sunday		N		W	
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		N		W	
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Sunday		N		W	
Sunday		N		W	
Sunday		N		W	
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Sunday		N		W	
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Friday		N		W	
Sunday		N		W	
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		N		W	
Saturday		N		W	
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Saturday		N		W	
		N		W	
		N		W	
		N		W	
		N		W	
		N		W	
		N		W	
Wednesday		N		W	
		N		W	
		N		W	
		N		W	
Sunday		N		W	
		N		W	
		N		W	
		N		W	
Monday		N		W	
		N		W	
		N		W	
		N		W	
		N		W	
Friday		N		W	
		N		W	
		N		W	
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		N		W	
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		N		W	
Monday		N		W	
Tuesday		N		W	
		N		W	
		N		W	
		N		W	

depth	depthu	depthprec	feltpl	feltst	int
			Tacoma	WA	
			Port Townsend	WA	
			Seattle	WA	
			Portland	OR	
			Port Townsend	WA	
			Puget Sound	WA	
			Portland	OR	
			Portland	OR	
			Olympia	WA	
			Olympia	WA	
			Portland	OR	
			Portland	OR	
			Tacoma	WA	
			Astoria	OR	
			Olympia	WA	
			Olympia	WA	
			Olympia	WA	
			Seattle	WA	
			Port Townsend	WA	
			Victoria	B.C.	
			Astoria	OR	
			Westport	WA	
			Victoria	B.C.	
			Portland	OR	
			Olympia	WA	
			Tacoma	WA	
			Orting	WA	
			Tacoma	WA	
			Tacoma	WA	
			Ellensburg	WA	
			Seattle	WA	
			Roslyn	WA	
			Slaughter	WA	
			Wenatchee	WA	
			Portland	OR	
			Seattle	WA	
			Portland	OR	
			The Dalles	OR	
			Portland	OR	
			Umatilla	OR	
			Seattle	WA	
			Olympia	WA	
			Ellenburg	WA	
			Tacoma	WA	
			Tacoma	WA	
			Portland	OR	
			Portland		
			Portland	OR	
			Olga	WA	
			Willamette Valley	OR	
			Portland	OR	
			Portland	OR	
			Newport	OR	
			Portland	OR	
			Portland	OR	
			Portland	OR	
			Ellensburg	WA	
			Seattle	WA	

inttype	far	fari	faru	mag	magtype

magcom	evno
	143
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ID	strec	sid	acom	year	month
1585		1 N-Vic		1865	8
1586		1 N-Vic		1865	8
1587		1 N-WA		1865	8
1588		1 N-WaS		1865	8
1589		1 N-OR		1882	5
1590		1 N-WaS		1882	5
1591		1 N-OR		1891	3
1592		1 N-WA		1925	2
1593		1 N-WA		1929	4
1594		1 N-OR		1849	10
1595		1 N-OR		1893	10
1596		1 N-OR		1864	9
1597		1 N-OR		1867	5
1597		2 N-OR		1867	
1598		1 N-WA		1909	1
1598		2 N-WA	M	1903	
1599		1 N-WaS		1866	11
1600		1 N-WA		1891	3
1601		1 N-OR		1916	5
1602		1 N-WA		1916	5
1603		1 N-WA		1903	9
1604		1 MISC		0	
1605		1 N-OR		1875	7
1606		1 N-WaS		1891	3
1607		1 N-OR		1913	3
1608		1 N-OR		1863	10
1609		1 N-OR		1862	9
1610		1 N-OR		1873	11
1611		1 N-WA		1913	12
1612		1 DIARY		1841	12
1613		1 DIARY		1793	2
1614		1 N-OR		1922	1
1614		2 N-OR	M	1912	10
1614		3 N-OR	M	1906	
1615		1 N-CA		1873	11
1616		1 N-CA		1873	11
1617		1 N-WA		1903	3
1618		1 N-WA		1909	1
1619		1 N-WA		1911	2
1619		2 N-WA	M	1910	
1620		1 WWC		1841	12
1621		1 WWC		1846	
1622		1 WWC		1856	12
1623		1 WWC		1857	9
1624		1 WWC		1859	4
1625		1 WWC		1860	5
1626		1 WWC		1863	10
1627		1 WWC		1864	10
1628		1 WWC		1865	8
1629		1 WWC		1866	11
1630		1 WWC		1866	11
1631		1 WWC		1866	12
1632		1 WWC		1868	5
1633		1 WWC		1868	6
1634		1 WWC		1869	2
1635		1 WWC		1869	6
1636		1 WWC		1870	1
1637		1 WWC		1870	3
1638		1 WWC		1870	6
1639		1 WWC		1871	1
1640		1 WWC		1871	5
1641		1 WWC		1871	6

day	hour	min	sec	AMPM	time type
25	9	15		P	L
25	9	0		P	L
29					
28				P	L
7	7	30			
10	2	20		A	L
22	6	18		P	L
15					
9					
11				P	L
11	3	47		P	L
24	10	10		A	L
7				P	L
12	6	29		P	L
12	7	26		P	L
11	3	44		P	L
8	3	0		A	L
7	7	0		P	L
15	12	40		P	L
9					
22	9	0		P	L
25					
2	4	0		P	L
17					
28	8	45		P	L
28	9	0		P	L
13	6	23		P	L
11	3	50		P	L
13	6	10		A	L
3					
26					
2	10	30		0	G
7					
9					
29					
26	5	0		0	G
24	18	10		0	G
30					
30					
20					
18					
27	4	0		0	G
11					
16	10	3		0	G
7	8	0		0	G
21	3	40		0	G
19					
20					

dayofweek	lat	lattype	long	lontype	prec
Friday		N		W	
		N		W	
		N		W	
Monday		N		W	
		N		W	
		N		W	
		N		W	
Tuesday		N		W	
Monday		N		W	
		N		W	
		N		W	
		N		W	
Saturday		N		W	
		N		W	
Monday		N		W	
		N		W	
Saturday		N		W	
Saturday		N		W	
		N		W	
		N		W	
Friday		N		W	
		N		W	
		N		W	
Saturday		N		W	
		N		W	
		N		W	
		N		W	
Saturday		N		W	
		N		W	
		N		W	
		N		W	
		N		W	
		N		W	
		N		W	
		N		W	
		N		W	
		N		W	
Monday		N		W	
Monday		N		W	
		N		W	
	45.6	N	122.7	W	.01
	45.357	N	122.598	W	.01
	48	N	123	W	
	48.8	N	122.7	W	.01
	47.045	N	122.89	W	.01
	48	N	123	W	
	48.417	N	123.367	W	.01
	48.5	N	123.5	W	
	48.5	N	123.5	W	
	45.595	N	121.173	W	.01
	45.595	N	121.173	W	.01
	45.595	N	121.173	W	.01
	48	N	122	W	
	48	N	122.3	W	.01
	48.117	N	122.755	W	.01
	46.185	N	123.835	W	.01
	48.417	N	123.367	W	.01
	48.417	N	123.367	W	.01
	45.625	N	122.67	W	.01
	47.045	N	122.89	W	.01
	46.7	N	122.1	W	
	47.597	N	122.33	W	.01

depth	depthu	depthprec	feltpl	feltst	int
			Victoria	B.C.	
			Victoria	B.C.	
			Victoria	B.C.	
			Victoria	B.C.	
			Olympia	WA	
			WA,OR and S. Va		
			Seattle	WA	
			Port Townsend	WA	
			Port Townsend	WA	
			Marion County	OR	
			Victoria	B.C.	
			Vancouver Island	B.C.	
			Ashland	OR	
			Ft. Klamath	OR	
			Seattle	WA	
			The Dalles	OR	
			Puget Sound	WA	
			Recorded at Gon	WA	
			Southern Idaho, e	OR	
			Seattle	WA	
				B.C.	
			Linkville	OR	
			Seattle	WA	
			Medford	OR	
			Victoria	B.C.	
			Vancouver Island	B.C.	
			Crescent City	CA	
			Puget Sound	WA	
			Vancouver	WA	
			Nootka	B.C.	
			Medford	OR	
			Medford	OR	
			Medford	OR	
			Happy Camp	CA	
			Crescent City	CA	
			Seattle	WA	
			Port Angeles	WA	
			Port Angeles	WA	
			Port Angeles	WA	
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	K				
	K				
	K				
	K				VI
	K				IV
	K				
	K				
	K				
	K				
	K				
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	K				
	K				
	K				
	K				
	K				

inttype	far	fari	faru	mag	magtype

magcom	evno
	52
	52
	52
	52
	160
	160
	202
	532
	585
	20
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	63
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	202
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	419
	306
	120
	202
	381
	45
	43
	109
	386
	7
	1
	483
	374
	326
	109
	109
	305
	353
	367
	366
R	7
BB	17
R	30
WG	31
R	33
CA	41
R	45
R	49
NO	52
R	59
WG	59
R	59
CA	65
R	66
R	72
R	74
R	77
R	79
R	80
R	82
R	83
WG	84

ID	strec	sid	qcom	year	month
1642		1 WWC		1872	2
1643		1 WWC		1872	12
1644		1 WWC		1873	10
1645		1 WWC		1873	11
1646		1 WWC		1873	12
1647		1 WWC		1874	1
1648		1 WWC		1875	5
1649		1 WWC		1875	5
1650		1 WWC		1875	5
1651		1 WWC		1877	10
1652		1 WWC		1877	10
1653		1 WWC		1877	11
1654		1 WWC		1878	3
1655		1 WWC		1878	4
1656		1 WWC		1879	
1657		1 WWC		1880	8
1658		1 WWC		1880	12
1659		1 WWC		1880	12
1660		1 WWC		1880	12
1661		1 WWC		1880	12
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1664		1 WWC		1881	1
1665		1 WWC		1881	1
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1670		1 WWC		1882	5
1671		1 WWC		1883	6
1672		1 WWC		1883	9
1673		1 WWC		1884	1
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1678		1 WWC		1885	10
1679		1 WWC		1885	12
1680		1 WWC		1885	12
1681		1 WWC		1886	4
1682		1 WWC		1887	4
1683		1 WWC		1888	2
1684		1 WWC		1889	
1685		1 WWC		1889	3
1686		1 WWC		1889	10
1687		1 WWC		1890	2
1688		1 WWC		1890	3
1689		1 WWC		1890	3
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1691		1 WWC		1890	10
1692		1 WWC		1891	3
1693		1 WWC		1891	9
1694		1 WWC		1891	9
1695		1 WWC		1891	9
1696		1 WWC		1891	9
1697		1 WWC		1891	9
1698		1 WWC		1891	11
1699		1 WWC		1891	12
1700		1 WWC		1892	2
1701		1 WWC		1892	2
1702		1 WWC		1892	2
1703		1 WWC		1892	2

day	hour	min	sec	AMPM	time type
16	3	35	0		G
14	21	40	3		G
19	22	0	0		G
22	21	0	0		G
17					
17					
6	23	30	0		G
6	23	35	0		G
7	0	15	0		G
12	9				G
12	21	53	0		G
30	4				G
18	14	30	0		G
2	7	0	0		G
22	21	25	0		G
8	1	54	0		G
10	13	0	0		G
13	4	40	0		G
15	2	0	0		G
21	7	16	0		G
30	7	25	0		G
6	6	56	0		G
7	0	20	0		G
7	6	15	0		G
17	7	0	0		G
31	5	45	0		G
15	6	30	0		G
1	0	25			G
28	8	0	0		G
4	4	40	0		G
22	6	0	0		G
4	7	30	0		G
27	13	26	0		G
9	16	0	0		G
10	9	0	0		G
9	6	40	0		G
19	8	30	0		G
16	6	5	0		G
29					
1	12	0	0		G
	2	0	0		G
16	22	0	0		G
20	23	0	0		G
2	1	15	0		G
8					
16	4	0	0		G
29	22	30	0		G
8	22	0	0		G
8	3	30	0		G
2	10	30			G
17	4	30	0		G
19	9				G
22	11	40	0		G
29	23	21	0		G
11	11	30			G
4	4	30	0		G
6					
29	10	45	0		G

dayofweek	lat	lattype	long	lontype	prec
	48.417	N	123.367	W	.01
	49.167	N	121	W	
	47.597	N	122.33	W	.01
	42	N	124	W	
	47.045	N	122.89	W	.01
	46.595	N	120.513	W	.01
	46.595	N	120.513	W	.01
	46.595	N	120.513	W	.01
	46.595	N	120.513	W	.01
	45.7	N	121.9	W	.1
	45.55	N	122.6	W	.01
	45.55	N	122.6	W	.1
	47.237	N	122.433	W	.01
	47	N	123	W	.01
	45.535	N	122.62	W	.01
	48	N	122	W	.01
	47.5	N	122.5	W	.01
	47.65	N	122.525	W	.01
	47.5	N	122.5	W	.01
	47.65	N	122.525	W	.01
	47.65	N	122.525	W	.01
	47.65	N	122.525	W	.01
	47.65	N	122.525	W	.01
	47.65	N	122.525	W	.01
	47.65	N	122.525	W	.01
	47.65	N	122.525	W	.01
	47.65	N	122.525	W	.01
	45.55	N	122.6	W	.1
	47.237	N	122.433	W	.01
	45.5	N	122.6	W	
	45.535	N	122.62	W	.01
	47.237	N	122.433	W	.01
	47.045	N	122.89	W	.01
	47.045	N	122.89	W	.01
	47	N	123	W	
	45.55	N	122.6	W	.1
	47.5	N	122.5	W	
	48.38	N	124.75	W	.01
	47.65	N	122.525	W	.01
	46.07	N	118.328	W	.01
	48	N	122.5	W	.01
	47.192	N	122.298	W	.01
	48	N	122.5	W	.01
	48	N	122.5	W	.01
	48.15	N	122.65	W	.01
	47.045	N	122.89	W	.01
	47.218	N	120.99	W	.01
	47.218	N	120.99	W	.01
	48	N	122.5	W	.01
	48.3	N	122.8	W	.01
	47.236	N	122.433	W	.01
	47.1	N	118.4	W	.1
	44.94	N	121.033	W	.01
	47.597	N	122.33	W	.01
	48	N	123.5	W	
	48.115	N	123.443	W	.01
	48.8	N	121.8	W	.01
	47.8	N	120	W	.01
	45.535	N	122.62	W	
	47.045	N	122.89	W	.01
	45.595	N	121.173	W	.01

depth	depthu	depthprec	feltpl	feltst	int
	K				
	K				IX
	K				IV
	K				
	K				IV
	K				
	K				
	K				
	K				
	K				VII
	K				III
	K				III
	K				III
	K				
	K				IV
	K				
	K				
	K				IV
	K				VII
	K				III
	K				IV
	K				III
	K				
	K				
	K				
	K				III
	K				III
	K				III
	K				III
	K				III
	K				
	K				IV
	K				III
	K				
	K				IV
	K				V
	K				III
	K				V
	K				III
	K				
	K				
	K				
	K				II
	K				
	K				
	K				
	K				III
	K				III
	K				III
	K				
	K				
	K				
	K				IV
	K				IV
	K				V
	K				V
	K				VII
	K				
	K				
	K				VI
	K				
	K				IV

inttype	far	fari	faru	mag	magtype
MM					
MM					
				5.6	IML
MM					
MM					
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MM					

magcom	evno
R	85
W	87
R	107
CA	109
R	110
WG	113
R	116
R	117
R	118
BB	129
BB	130
BB	132
R	133
R	134
R	135
R	140
R	143
R	145
R	146
R	147
R	149
R	150
R	151
R	152
R	153
R	154
R	155
R	158
BB	160
R	165
NO	166
R	169
R	172
R	174
R	179
NO	180
BB	181
NO	183
R	187
R	189
R	190
R	191
R	192
R	193
R	194
R	195
R	202
R	197
R	198
R	199
R	202
R	204
WG	205
BB	206
WG	207
NO	208
R	213
WG	215
WG	219
R	217
WG	218
R	221

ID	strec	sid	qcom	year	month
1704		1 WWC		1892	3
1705		1 WWC		1892	3
1706		1 WWC		1892	4
1707		1 WWC		1892	11
1708		1 WWC		1893	1
1709		1 WWC		1893	3
1710		1 WWC		1893	7
1711		1 WWC		1893	7
1712		1 WWC		1893	8
1713		1 WWC		1894	4
1714		1 WWC		1894	5
1715		1 WWC		1894	11
1716		1 WWC		1895	2
1717		1 WWC		1895	4
1718		1 WWC		1896	1
1719		1 WWC		1896	1
1720		1 WWC		1896	2
1721		1 WWC		1896	4
1722		1 WWC		1896	8
1723		1 WWC		1897	1
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1725		1 WWC		1897	12
1726		1 WWC		1897	12
1727		1 WWC		1897	12
1728		1 WWC		1898	1
1729		1 WWC		1898	1
1730		1 WWC		1898	1
1731		1 WWC		1898	1
1732		1 WWC		1898	2
1733		1 WWC		1898	2
1734		1 WWC		1898	2
1735		1 WWC		1898	2
1736		1 WWC		1898	6
1737		1 WWC		1898	8
1738		1 WWC		1898	8
1739		1 WWC		1900	9
1740		1 WWC		1902	1
1741		1 WWC		1902	6
1742		1 WWC		1902	6
1743		1 WWC		1902	12
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1747		1 WWC		1903	12
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1755		1 WWC		1905	12
1756		1 WWC		1906	1
1757		1 WWC		1906	4
1758		1 WWC		1906	4
1759		1 WWC		1906	4
1760		1 WWC		1906	6
1761		1 WWC		1906	9
1762		1 WWC		1906	11
1763		1 WWC		1906	11
1764		1 WWC		1907	2
1765		1 WWC		1907	5

day	hour	min	sec	AMPM	time type
	5	30	0		G
5					
17	22	50	0		G
26					
5					
7					
14	13	7	0		G
15					
24	6	30	0		G
21					
25	12	47	0		G
16	8	2	0		G
4	6	15	0		G
9	5	56	0		G
7	5	55	0		G
2	11	17	0		G
26					
26	22	45	0		G
27	9	30	0		G
7	4	30	0		G
15					
16					
11					
14					
15					
22					
2	2	30	0		G
22	2	25	0		G
22	9	15	0		G
22	13	30	0		G
3					
12					
13					
28					
15	4	0	0		G
15	9	0	0		G
5	4	0	0		G
18	15	0	0		G
14	2	15	0		G
11	15	44			G
9					
15					
17	4	20	0		G
16	18	25	0		G
16	19	40	0		G
16	22	0	0		G
18	23				G
11	21	26	0		G
	2				G
2					
19	1	30	0		G
19	9	30	0		G
23	19	0	0		G
1	12	55	0		G
1					
2	1	49	0		G
19	17	30			G
18	12	20			G
27	12	0	0		G

dayofweek	lat	lattype	long	lontype	prec
	46.01	N	122.845	W	.01
	46.6	N	120.5	W	.01
	47	N	123	W	
	45.357	N	122.598	W	.01
	48.4	N	120.15	W	.01
	45.9	N	119.333	W	.01
	45.595	N	121.174	W	.01
	47.43	N	120.34	W	.01
	46.292	N	122.367	W	.01
	46.998	N	120.54	W	.01
	47.236	N	122.433	W	.01
	46.8	N	121.8	W	.01
	46.5	N	122.4	W	
	48	N	123	W	
	48.5	N	122.8	W	
	48.69	N	122.23	W	.01
	48.3	N	124.3	W	
	45.3	N	123.3	W	
	45.4	N	121.7	W	.01
	44.641	N	124.05	W	.01
	47.045	N	122.89	W	.01
	45.52	N	123.108	W	.01
	47.8	N	120	W	
	47.83	N	120.02	W	.01
	47.83	N	120.02	W	.01
	47.83	N	120.02	W	.01
	47.83	N	120.02	W	.01
	47.83	N	120.02	W	.01
	47.682	N	122.902	W	.01
	45.535	N	122.62	W	.01
	45.535	N	122.62	W	.01
	46.998	N	120.54	W	.01
	47.83	N	120.02	W	.01
	47.597	N	122.33	W	.01
	47.597	N	122.33	W	.01
	45.912	N	122.807	W	.01
	47.6	N	124	W	.01
	44.641	N	124.05	W	.01
	44.641	N	124.05	W	.01
	45.708	N	121.522	W	.01
	44.648	N	119.143	W	.01
	47.7	N	122.2	W	
	47.5	N	122.45	W	.01
	47.217	N	122	W	.01
	46.8	N	121.8	W	.01
	48.5	N	123.3	W	
	45.535	N	122.62	W	.01
	45.535	N	122.62	W	.01
	45.535	N	122.62	W	.01
	47.8	N	120	W	.01
	42.9	N	114.5	W	
	47.8	N	120	W	.01
	48.7	N	117.8	W	.1
	42.7	N	120.6	W	
	42.7	N	120.6	W	
	42.4	N	123.4	W	
	47.597	N	122.33	W	.01
	44.779	N	117.833	W	.01
	48.5	N	117.9	W	
	47.842	N	120.023	W	.01
	47.842	N	120.023	W	.01
	45.535	N	122.62	W	.01

depth	depthu	depthprec	feltpl	feltst	int
	K				
	K				VI
	K				VI
	K				
	K				
	K				VI
	K				
	K				
	K				IV
	K				III
	K				II
	K				
	K				V
	K				V
	K				VI
	K				
	K				VI
	K				VI
	K				
	K				IV
	K				IV
	K				III
	K				V
	K				
	K				
	K				
	K				
	K				
	K				
	K				IV
	K				III
	K				
	K				
	K				
	K				
	K				
	K				
	K				IV
	K				IV
	K				
	K				III
	K				V
	K				IV
	K				IV
	K				
	K				V
	K				IV
	K				IV
	K				IV
	K				V
	K				VII
	K				
	K				VI
	K				
	K				V
	K				
	K				V
	K				III
	K				V
	K				
	K				V
	K				III

inttype	far	fari	faru	mag	magtype
MM					
MM					
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MM					
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MM					
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MM					
MM					WG
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MM					WG
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MM					
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MM					
					4.3 IML
MM					
					4.3 IML
MM					
MM					
MM					
MM					
MM					

magcom	evno
R	223
WG	221
NO	226
BB	228
WG	229
WG	232
BB	233
WG	235
R	236
WG	242
R	243
R	244
NO	247
NO	249
NO	259
R	260
NO	261
NO	263
BB	265
BB	267
R	268
BB	269
R	270
R	271
R	274
R	275
R	276
WG	277
R	278
R	280
R	281
R	283
R	284
R	285
R	285
BB	292
R	297
BB	299
BB	300
R	303
BB	304
NO	305
WG	306
WG	308
R	309
R	311
R	313
R	314
R	315
WG	318
NO	319
WG	320
WG	321
CA	327
NO	327
CA	331
R	334
BB	335
NO	339
WG	342
WG	344
R	345

ID	strec	sid	qcom	year	month
1766		1 WWC		1907	7
1767		1 WWC		1909	1
1768		1 WWC		1909	1
1769		1 WWC		1909	5
1770		1 WWC		1909	5
1771		1 WWC		1909	12
1772		1 WWC		1910	2
1773		1 WWC		1910	2
1774		1 WWC		1910	8
1775		1 WWC		1911	7
1776		1 WWC		1911	9
1777		1 WWC		1912	6
1778		1 WWC		1912	11
1779		1 WWC		1912	11
1780		1 WWC		1912	11
1781		1 WWC		1912	11
1782		1 WWC		1913	7
1783		1 WWC		1913	10
1784		1 WWC		1913	12
1785		1 WWC		1914	2
1786		1 WWC		1914	3
1787		1 WWC		1914	8
1788		1 WWC		1914	9
1789		1 WWC		1914	9
1790		1 WWC		1915	1
1791		1 WWC		1915	1
1792		1 WWC		1915	1
1793		1 WWC		1915	2
1794		1 WWC		1915	3
1795		1 WWC		1915	3
1796		1 WWC		1915	3
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1798		1 WWC		1915	4
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1821		1 WWC		1917	11
1822		1 WWC		1917	12
1823		1 WWC		1918	2
1824		1 WWC		1918	2
1825		1 WWC		1918	2
1826		1 WWC		1918	2
1827		1 WWC		1918	3

day	hour	min	sec	AMPM	time type
28	10	20	0		G
11	23	49	0		G
21	5				G
24					
24	22				G
31	0	23	0		G
8	0	45	0		G
15	24	0	0		G
5	1	31	36		G
5	8	0	0		G
29	2	39	0		G
6					
21	23	56	0		G
25	3	20	0		G
25	4	30	0		G
25	5	5	0		G
29	16	15	0		G
14	23	0	0		G
25	10	45	0		G
1					
22	14	30	0		G
8					
5	9	35	0		G
5	10	0	0		G
18	0	0	0		G
19					
26	0	55	0		G
11	3	7	0		G
1	18	0	0		G
1	18	3	0		G
5	5	10	0		G
5	5	30	0		G
22	18	34	0		G
18					
18	20	54	0		G
18	14	5	0		G
20	7	30	0		G
18	23	42	0		G
10	20	45	0		G
2	0	52	0		G
4	18	40	0		G
22	11	45	0		G
2	23	15	0		G
20	4	30	0		G
24	4	43	0		G
6	6	36	0		G
13	2	30	0		G
26	6	36	0		G
28					
10	2	57	0		G
28	17	5	0		G
20	4	30	0		G
9	14	30	0		G
1	13	20	50		G
12	10	47	0		G
14	0	57	0		G
23	15	48	0		G
4	20	37	43.2		G
13	2	0	0		G
21					
28	23	15	0		G
12	3	26	0		G

dayofweek	lat	lattype	long	lontype	prec
	48.45	N	123.35	W	.01
	48.7	N	122.8	W	
	47.8	N	120	W	.01
	47.65	N	120.067	W	.01
	47.73	N	120.36	W	.01
	45.535	N	122.62	W	.01
	45.535	N	122.62	W	.01
	45.55	N	122.6	W	.01
	42	N	127	W	
	46.998	N	120.54	W	.01
	48.8	N	122.7	W	
	47.321	N	122.61	W	.01
	50	N	124	W	
	47.597	N	122.33	W	.01
	47.597	N	122.33	W	.01
	47.597	N	122.33	W	.01
	47	N	122	W	
	45.7	N	117.1	W	
	47.7	N	122.5	W	
	47.83	N	120.02	W	.01
	45.535	N	122.62	W	.01
	47.83	N	120.02	W	.01
	47	N	123	W	
	45.55	N	122.6	W	.01
	45.5	N	118	W	R2
	45.467	N	118	W	.01
	46.75	N	121.81	W	.01
	47.5	N	124	W	.01
	47.83	N	120.02	W	.01
	47.83	N	120.02	W	.01
	47.83	N	120.02	W	.01
	47.83	N	120.02	W	.01
	47.2	N	122.4	W	.01
	45.535	N	122.62	W	.01
	47.83	N	120.02	W	.01
	48.5	N	121.4	W	
	45.3	N	116.7	W	.1
	45.862	N	122.671	W	.01
	47.672	N	117.405	W	.01
	47.3	N	122.3	W	
	44.641	N	124.05	W	.01
	48.8	N	122.6	W	
	47.4	N	121.8	W	.01
	44	N	114.8	W	
	47.16	N	122.2	W	.01
	43.8	N	116	W	
	43.7	N	116.2	W	
	43.8	N	116	W	
	44.779	N	117.833	W	.01
	43.5	N	114.3	W	
	46.8	N	122	W	
	44	N	114.8	W	
	46.8	N	122	W	
	50	N	128	W	
	46.8	N	121.8	W	
	46.8	N	121.8	W	
	50	N	128	W	
	52.28	N	118.37	W	
	45.535	N	122.62	W	.01
	46.867	N	121.333	W	.01
	46.5	N	120.5	W	
	47.6	N	117	W	

depth	depthu	depthprec	feltpl	feltst	int
	K				V
	K				VII
	K				IV
	K				
	K				V
	K				IV
	K				
	K				IV
	K				
	K				V
	K				VI
	K				
	K				
	K				
	K				
	K				
	K				V
	K				V
	K				
	K				
	K				IV
	K				
	K				V
	K				III
	K				III
	K				
	K				IV
	K				III
	K				III
	K				III
	K				IV
	K				IV
	K				
	K				V
	K				IV
	K				V
	K				
	K				V
	K				IV
	K				V
	K				IV
	K				V
	K				II
	K				
	K				II
	K				
	K				VII
	K				V
	K				III
	K				V
	K				V
	K				V
	K				V
	K				
	K				VI
	K				V
	K				
	K				
	K				III
	K				IV
	K				V
	K				V

inttype	far	fari	faru	mag	magtype
MM					
MM				6	U
MM					
MM					
MM					
MM					
				6.8	N'
MM					
MM					
MM					
MM					
MM					
MM					
MM					
MM					
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MM					
MM					
MM					
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MM					
MM					
MM					
MM					
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MM					
MM					
MM					
MM					
MM					
				4.3	IML
MM					
				4.3	IML
MM					
MM					
MM					
MM					
MM					
MM					
MM					
				6.4	IML
MM					
MM					
				6.5	IML
				6	IML
MM					
MM					
MM					
MM					

magcom	evno
R	346
CA	353
WG	354
WG	356
WG	356
R	360
R	361
BB	362
NO	365
R	368
NO	370
R	372
CA	376
R	377
R	378
R	379
NO	382
NO	383
R	385
R	387
R	388
R	391
NO	393
BB	393
R	394
BB	394
R	395
R	396
R	397
R	397
R	399
R	400
R	401
WG	402
R	403
R	404
BB	408
R	409
R	410
NO	411
BB	412
NO	413
R	415
CA	416
R	417
CA	418
NO	419
NO	420
BB	421
NO	423
R	427
NO	428
R	429
CA	431
NO	432
R	433
CA	434
CA	435
R	436
WG	438
R	439
NO	441

ID	strec	sid	qcom	year	month
1828		1 WWC		1918	4
1829		1 WWC		1918	5
1830		1 WWC		1918	6
1831		1 WWC		1918	6
1832		1 WWC		1918	11
1833		1 WWC		1918	12
1834		1 WWC		1919	6
1835		1 WWC		1919	7
1836		1 WWC		1919	7
1837		1 WWC		1919	10
1838		1 WWC		1919	12
1839		1 WWC		1920	1
1840		1 WWC		1920	3
1841		1 WWC		1920	4
1842		1 WWC		1920	10
1843		1 WWC		1920	11
1844		1 WWC		1920	11
1845		1 WWC		1920	11
1846		1 WWC		1920	12
1847		1 WWC		1921	2
1848		1 WWC		1921	2
1849		1 WWC		1921	3
1850		1 WWC		1921	9
1851		1 WWC		1921	9
1852		1 WWC		1921	9
1853		1 WWC		1922	1
1854		1 WWC		1922	1
1855		1 WWC		1922	3
1856		1 WWC		1922	3
1857		1 WWC		1922	5
1858		1 WWC		1922	6
1859		1 WWC		1922	7
1860		1 WWC		1922	12
1861		1 WWC		1923	1
1862		1 WWC		1923	2
1863		1 WWC		1923	3
1864		1 WWC		1923	5
1865		1 WWC		1923	7
1866		1 WWC		1923	7
1867		1 WWC		1923	9
1868		1 WWC		1924	1
1869		1 WWC		1924	1
1870		1 WWC		1924	2
1871		1 WWC		1924	2
1872		1 WWC		1924	4
1873		1 WWC		1924	5
1874		1 WWC		1924	9
1875		1 WWC		1925	8
1876		1 WWC		1925	8
1877		1 WWC		1925	11
1878		1 WWC		1925	11
1879		1 WWC		1926	4
1880		1 WWC		1926	4
1881		1 WWC		1926	6
1882		1 WWC		1926	9
1883		1 WWC		1926	9
1884		1 WWC		1926	10
1885		1 WWC		1926	11
1886		1 WWC		1926	12
1887		1 WWC		1926	12
1888		1 WWC		1926	12
1889		1 WWC		1927	1

day	hour	min	sec	AMPM	time type
18	21	13	0		G
7	21	15	0		G
7	23	15			G
21	6	47	0		G
1	17	20	0		G
6	8	41	5.8		G
6	6	30	0		G
1	21	49	36		G
10	2	22	10		G
10	1	7	16.5		G
26	6	0	0		G
24	7	9	0		G
2	4	20	0		G
14	23	45	0		G
7	2				G
9	20	20	0		G
28	11	30	0		G
29	14	10	0		G
15	18	50	0		G
21					
25	20	0	0		G
4	20	0	0		G
14	11	0	0		G
16	15				G
22	19	20	0		G
31	14	30	0		G
31	19	0	0		G
5	10	8	0		G
27	6	15	0		G
15	17	30	0		G
1	23	30	0		G
5	18	5	0		G
12					
11	4	30	0		G
12	18	30	0		G
12	18	15	0		G
2	16	24	30		G
14	23	30	0		G
15	0	10	0		G
	0	0	0		G
6	13	9	0		G
6	23	10	0		G
10	14	5	0		G
24	5	45	10		G
25	8	3	0		G
27	0	19	0		G
19	17	30	0		G
1	20	5	0		G
15	0	8	0		G
26	21	40	0		G
28	1	25	0		G
11	3	28	0		G
23	13	56	0		G
5	19	50	24		G
17	22	14	40		G
22	21	9	50.5		G
17	2	45	0		G
27	18	25			G
4	13	55	0		G
30	17	57	0		G
31					
1					

dayofweek	lat	lattype	long	lontype	prec
	47.6	N	117.4	W	R2
	48.4	N	121.55	W	.01
	47.597	N	122.33	W	.01
	46.5	N	121.7	W	
	46.7	N	119.5	W	
	49.62	N	125.92	W	
	47.597	N	122.33	W	.01
	50	N	128	W	
	50	N	128	W	
	48.63	N	127.15	W	
	45.433	N	122.25	W	.01
	49	N	122.7	W	
	46.518	N	122.158	W	.01
	42.9	N	122.1	W	
	47.633	N	120.067	W	.01
	45.55	N	122.6	W	.01
	45.7	N	121.5	W	.01
	47.672	N	117.405	W	.01
	44.4	N	122.4	W	.1
	52	N	125	W	
	44.4	N	122.4	W	
	45.55	N	122.6	W	.01
	46.1	N	118.25	W	.01
	47.9	N	114.2	W	
	45.55	N	122.6	W	.01
	48.717	N	119.437	W	.01
	48.645	N	118.733	W	.01
	47.9	N	114.4	W	
	45.535	N	122.62	W	.01
	45.55	N	122.6	W	.01
	47.672	N	117.405	W	.01
	45.88	N	121.97	W	.01
	45.669	N	118.79	W	.01
	42	N	120.5	W	
	49	N	122.7	W	
	48.502	N	122.61	W	.01
	50	N	128	W	
	48.1	N	121.8	W	.01
	48.1	N	121.8	W	.01
	47.8	N	121.8	W	
	46.07	N	118.328	W	.01
	45.8	N	118.3	W	.1
	47.597	N	122.33	W	.01
	44	N	127	W	
	47.597	N	122.33	W	.01
	46.07	N	118.328	W	.01
	45.73	N	122.548	W	.01
	48.115	N	123.443	W	.01
	47.597	N	122.33	W	.01
	48.5	N	123.25	W	.01
	47.5	N	116	W	
	46.07	N	118.328	W	.01
	46.07	N	118.328	W	.01
	43	N	127.5	W	
	50	N	123	W	
	50.22	N	121.89	W	
	45.73	N	121.483	W	.01
	47.5	N	116	W	
	48.5	N	123	W	.01
	47.7	N	120.2	W	.01
	47.43	N	120.34	W	.01
	47.842	N	120.023	W	.01

depth	depthu	depthprec	feltpl	feltst	int
	K				IV
	K				IV
	K				
	K				V
	K				VI
	K				V
	K				
	K				
	K				
	K				
	K				IV
	K				VII
	K				IV
	K				V
	K				V
	K				III
	K				IV
	K				
	K				III
	K				
	K				V
	K				III
	K				VI
	K				IV
	K				IV
	K				III
	K				
	K				
	K				IV
	K				IV
	K				IV
	K				IV
	K				III
	K				V
	K				V
	K				IV
	K				
	K				IV
	K				IV
	K				
	K				IV
	K				V
	K				
	K				
	K				III
	K				IV
	K				IV
	K				IV
	K				III
	K				III
	K				
	K				III
	K				IV
	K				
	K				
	K				
	K				V
	K				V
	K				V
	K				VI
	K				III
	K				III

inttype	far	fari	faru	mag	magtype
MM					
MM					
MM					
MM					
MM				7	N'
				5.5	IML
				5	IML
				5.5	IML
MM					
MM					
MM					
MM					
MM					
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MM					
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MM					
MM					
MM					
MM					
MM					
MM					
MM					
MM					
				5	IML
MM					
MM					
MM					
MM					
				5.75	N'
MM					
MM					
MM					
MM					
MM					
MM					
				4.3	IML
MM					
MM					
				6	N'
				5.5	IML
				5	IML
MM					
MM					
MM				4.3	IML
MM					
MM					
MM					

magcom	evno
R	442
R	443
WG	444
R	445
NO	447
NO	448
R	452
CA	453
CA	454
CA	455
BB	456
NO	457
R	458
NO	460
WG	463
BB	464
R	465
R	466
BB	467
CA	468
NO	469
BB	470
R	478
UE	481
BB	482
R	484
R	485
UE	486
R	487
BB	489
R	490
R	491
BB	493
NO	496
NO	500
R	501
CA	506
R	509
R	510
CA	513
R	518
BB	517
R	519
NO	520
R	522
R	526
R	528
R	536
R	538
R	539
CA	540
R	543
R	544
NO	545
CA	546
CA	547
R	548
EH	551
R	553
WG	554
WG	554
WG	556

ID	strec	sid	qcom	year	month
1890		1 WWC		1927	1
1891		1 WWC		1927	3
1892		1 WWC		1927	4
1893		1 WWC		1927	4
1894		1 WWC		1927	4
1895		1 WWC		1927	4
1896		1 WWC		1927	5
1897		1 WWC		1928	1
1898		1 WWC		1928	2
1899		1 WWC		1928	2
1900		1 WWC		1928	7
1901		1 WWC		1928	9
1902		1 WWC		1928	9
1903		1 WWC		1928	9
1904		1 WWC		1928	9
1905		1 HOLD2		1894	11
1906		1 HOLD2		1894	11
1906		2 HOLD2		1894	12
1906		3 HOLD2		1894	12
1907		1 HOLD2		1895	2
1908		1 HOLD2		1895	4
1909		1 HOLD2		1895	4
1910		1 HOLD2		1895	6
1911		1 HOLD2		1895	6
1912		1 HOLD2		1895	6
1913		1 HOLD2		1895	7
1914		1 HOLD2		1895	9
1915		1 HOLD2		1895	10
1916		1 HOLD2		1895	11
1917		1 HOLD2		1896	1
1918		1 HOLD2		1896	1
1918		2 HOLD2		1896	1
1919		1 HOLD2		1896	1
1920		1 HOLD2		1896	2
1921		1 HOLD2		1896	3
1922		1 HOLD2		1896	4
1923		1 HOLD2		1896	6
1924		1 HOLD2		1896	8
1925		1 HOLD2		1896	12
1926		1 McA		1897	1
1927		1 McA		1897	9
1928		1 McA		1897	12
1929		1 McA		1897	12
1929		2 McA		1897	12
1929		3 McA		1897	12
1930		1 McA		1902	12
1931		1 McA		1902	12
1932		1 McA		1902	12
1933		1 McA		1904	3
1934		1 McA		1906	1
1935		1 MISC		1866	
1936		1 MISC		0	
1937		1 N-WA		1906	4
1938		1 N-WA		1906	1
1939		1 N-WA		1906	4
1940		1 N-WA		1906	4
1941		1 N-OR		1866	11
1942		1 N-OR		1872	12
1943		1 N-OR		1892	2
1944		1 MISC		1872	12
1945		1 DIARY		1855	11
1946		1 N-Ore		1872	12

day	hour	min	sec	AMPM	time type
3	4	58	0		G
28	7	56	0		G
9	5	0	0		G
9	7	0	0		G
9	9	30	0		G
9	14	0	0		G
7	21	56	0		G
24	17	45	0		G
2	12	52	0		G
9	11	5	0		G
6	5	30	0		G
4					
4	4	40	0		G
5	5	36	0		G
5	7	18	0		G
21	6	30		P	L
21	6	20		A	L
13	9			A	G
24					
25	4	47		A	P
16				A	L
19				P	
11					
15	8			P	L
28					
1					
20					
3	10	9		P	P
3	10	30		P	L
3	10	20			
8	9	56		P	L
6	9	55		P	L
15					
2	3	20		A	L
5	10	20		P	L
26					
31					
26	2	45		P	L
27	1	30		A	L
15					
16					
17					
20					
2	2			A	L
4	8			P	L
18	7			A	L
16	8	20		P	L
2	5	55		A	L
2	5	45		A	L
13	5			A	L
18	6			A	
24	10			A	
14	9	30		P	L
29	3			A	
14	10	3		P	
29	7			P	L
14	9	40		P	L

dayofweek	lat	lattype	long	lontype	prec
	47.593	N	120.658	W	.01
	46.1	N	124.1	W	
	44.8	N	117.2	W	EH
	44.8	N	117.2	W	.1
	44.8	N	117.2	W	.1
	44.8	N	117.2	W	.1
	50.15	N	127.85	W	
	49.1	N	122.2	W	
	47.8	N	121.7	W	
	48.5	N	125	W	
	48.1	N	121.6	W	
	44.7	N	124.1	W	
	44.3	N	123.5	W	.1
	42.1	N	115.2	W	
	48.3	N	121.6	W	
		N		W	
		N		W	
Thursday		N		W	
		N		W	
		N		W	

depth	depthu	depthprec	feltpl	feltst	int
	K				VI
	K				IV
	K				V
	K				IV
	K				IV
	K				IV
	K				
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	K				VI
	K				
	K				
	K				IV
	K				IV
	K				
	K				
			Tacoma	WA	
			Mount Rainier	WA	
			Mount Rainier	WA	
			Mt. Rainier - stea	WA	
			Portland	OR	III
			Port Townsend	WA	VI
			Victoria	B.C.	
			Mount Baker	WA	
			Port Townsend	WA	
			Mount Rainier	WA	
			Nanaimo	B.C.	VII
			Mount Tacoma	WA	
			Olympic Mountai	WA	
			Kyuquot	B.C.	VI
			Esquimault	B.C.	
			Port Angeles	WA	VII
			Victoria	B.C.	
			Turn Point Lightho	WA	
			East Clallam	WA	
			Burrard Mountains	B.C.	
			McMinnville	OR	VI
			Cape Blanco Ligh	OR	
			Mount Hood	OR	
			Newport	OR	
			Olympia	WA	
			Lakeside	WA	
			Lakeside	WA	
			Lakeside	WA	
			Lakeside	WA	
			Kerby	OR	
			Hood River	OR	
			Fox Valley	OR	
			Seattle	WA	III
			Spokane	WA	
			Port Townsend	WA	
			Bridge of the God	OR	
			Aberdeen	WA	
			Spokane	WA	
			Grant's Pass	OR	
			Seattle	WA	
			The Dalles	OR	
			The Dalles	OR	
			The Dalles	OR	
			Walla Walla	WA	
			Whidbey Island	WA	
			Portland	OR	

inttype	far	fari	faru	mag	magtype
MM					
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				5.5	IML
				3	IML
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MM					
				5.2	IML
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RF					
RF					

magcom	evno
R	557
R	559
BB	560
BB	561
BB	562
BB	563
CA	564
CA	575
R	576
NO	577
NO	579
BB	580
BB	580
CA	581
NO	582
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	221
	87
	29
	87

ID	strec	sid	acom	year	month
1947	1	N-Ore		1872	12
1947	2	N-Ore		1872	12
1947	3	N-Ore		1872	12
1947	4	N-Ore		1872	12
1947	5	N-Ore		1872	12
1947	6	N-Ore		1872	12
1947	7	N-Ore		1872	12
1947	8	N-Ore		1872	12
1947	9	N-Ore		1872	12
1947	10	N-Ore		1872	12
1948	1	N-Ore		1872	
1949	1	N-Ore		1882	4
1949	2	N-Ore		1882	5
1950	1	N-Ore		1903	3
1951	1	N-Ore		1900	4
1952	1	N-Ore		1902	12
1953	1	N-Ore		1903	9
1954	1	N-WA		1904	3
1955	1	N-WA		1904	3
1956	1	N-Wa		1904	3
1957	1	N-WA		1904	3
1958	1	N-WA		1904	3
1959	1	N-Wa		1904	3
1960	1	N-WA		1904	3
1961	1	N-Ore		1904	3
1962	1	N-Ore		1904	6
1962	2	N-Ore		1904	6
1962	3	N-Ore		1904	6
1962	4	N-Ore		1904	6
1963	1	N-Ore		1905	11
1964	1	N-Ore		1905	11
1965	1	N-Ore		1906	4
1966	1	N-Ore		1906	4
1966	2	N-Ore		1906	4
1967	1	N-Ore		1906	5
1969	1	N-Ore		1906	9
1970	1	N-Ore		1907	5
1971	1	N-WA		1909	1
1972	1	N-WA		1909	1
1973	1	N-WA		1909	1
1974	1	N-Ore		1909	1
1975	1	N-Ore		1909	8
1976	1	N-Ore		1909	12
1977	1	N-Ore		1910	2
1978	1	N-Ore		1914	3
1979	1	N-Ore		1856	12
1980	1	N-Ore		1869	
1981	1	N-Ore		1892	2
1982	1	N-Ore		1910	2
1983	1	N-Ore		1910	2
1984	1	N-Ore		1872	12
1985	1	N-Ore		1872	12
1986	1	N-Ore		1872	12
1986	2	N-Ore		1872	12
1987	1	N-Ore		1872	12
1988	1	N-Ore		1872	12
1989	1	MISC		1872	12
1989	2	MISC		1872	12
1990	1	N-Ore		1873	11
1991	1	N-Ore		1873	12
1992	1	MISC		1827	11
1993	1	N-CA		1928	1

day	hour	min	sec	AMPM	time type
14	9	40	30	P	L
15	3			A	L
15	5			A	L
15	6	37	30	P	L
16	9	17	30	A	L
14	9	46	30	P	
14	9	47	30	P	
14	9	48	30	P	
14	10	12	40	P	
14	11			P	
30	11	48		P	L
1	12	25		A	L
13	6	25		P	
28	2	30		A	
5	1	30		A	
11	3	41		P	
16	8	20		P	
16	8	21			
16	8	20		P	
16	8	19		P	
16				P	
16	8	20		P	
16	8	20		P	
16	8	20			
16	10	25		A	
16	11	40		A	
16	2			P	
16	2	30		P	
11	3	35		P	
12	3	26		P	
2	9			P	
17	10			P	
18	5	20		A	L
9					
1					
27	4			A	
11	3	55			
11	3	54		P	
11	4	50		P	
11	3	50			
20	1			A	
30	4	23		P	
6	4	45		P	
22	6	30		A	
26					
29	2	45		A	
15	4			P	
7	4	45		P	
16				P	
14	9	40		P	
10	10	30		P	
17				P	
				P	
14	10			P	
14				P	
17				P	L
22	9				
23					
12	8	18		A	

dayofweek	lat	lattype	long	lontype	prec
Saturday		N		W	
Sunday		N		W	
Sunday		N		W	
Sunday		N		W	
Monday		N		W	
Saturday		N		W	
Saturday		N		W	
Saturday		N		W	
Saturday		N		W	
Saturday		N		W	
		N		W	
		N		W	
		N		W	
		N		W	
		N		W	
		N		W	
Friday		N		W	
		N		W	
		N		W	
Friday		N		W	
		N		W	
Wednesday		N		W	
		N		W	
		N		W	
		N		W	
		N		W	
		N		W	
		N		W	
		N		W	
		N		W	
		N		W	
		N		W	
Tuesday		N		W	
		N		W	
		N		W	
		N		W	
		N		W	
		N		W	
		N		W	
Monday		N		W	
Monday		N		W	
		N		W	
		N		W	
		N		W	
Sunday		N		W	
		N		W	
		N		W	
		N		W	
		N		W	
		N		W	
Saturday		N		W	
Saturday		N		W	
Tuesday		N		W	
Tuesday		N		W	
		N		W	
Saturday		N		W	
		N		W	
		N		W	
Saturday		N		W	
		N		W	
		N		W	
		N		W	

depth	depthu	depthprec	feltpl	feltst	int
			Seattle	WA	
			Seattle	WA	
			Seattle	WA	
			Seattle	WA	
			Olympia	WA	
			Olympia	WA	
			Olympia	WA	
			Olympia	WA	
			Olympia	WA	
			Portland	OR	
			Seattle	WA	
			St. Helens	OR	
			Grant's Pass	OR	
			Portland	OR	
			Tacoma	WA	
			Seattle	WA	
			Everett	WA	
			Puget Sound	WA	
			Seattle	WA	
			Seattle	WA	
			Portland	OR	
			Portland	OR	
			Portland	OR	
			Portland	OR	
			Boise	ID	
			Salt Lake	OR	
			Ashland	OR	
			Roseburg	OR	
			Rogue River Valle	OR	
			Baker City	OR	
			Portland	OR	
			Bellingham	WA	
			Friday Harbor	WA	
			Friday Harbor	WA	
			Seattle	WA	
			Kalama	OR	
			Portland	OR	
			Portland	OR	
			Portland	OR	
			Port Townsend	WA	
			Puget Sound	WA	
				OR	
			Portland	OR	
			Portland	OR	
			The Dalles	OR	
			Olympia	WA	
			Oysterville	WA	
			Olympia	WA	
			Seattle	WA	
			Snoqualmie Falls	WA	
			Puget Sound	WA	
			Puget Sound	WA	
			Yreka	CA	
				OR	
			Fort Langley	B.C.	

inttype	far	fari	faru	mag	magtype

magcom	evno
	87
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	388
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	71
	221
	362
	361
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	86
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	99
	109
	109
	3

ID	strec	sid	qcom	year	month
1994	1	N-UCB		1928	1
1994	2	N-UCB		1928	1
1995	1	N-Ore		1917	
1996	1	N-UCB		1920	11
1997	1	N-UCB		1926	10
1998	1	N-UCB		1926	12
1999	1	N-UCB		1922	1
2000	1	N-UCB		1922	1
2001	1	N-UCB		1916	11
2002	1	N-UCB		1916	11
2003	1	N-UCB		1916	11
2004	1	MISC		0	
2005	1	MISC		0	
2006	1	N-WA		1891	11
2007	1	N-UCB		1916	11
2010	1	I-ORE		1856	12
2011	1	I-ORE		1859	4
2012	1	I-ORE		1866	11
2013	1	I-ORE		1869	6
2014	1	I-ORE		1872	12
2015	1	I-ORE		1872	12
2016	1	I-ORE		1872	12
2016	2	I-ORE		1872	12
2017	1	I-ORE		1872	12
2018	1	I-ORE		1872	12
2019	1	I-ORE		1873	2
2020	1	I-ORE		1873	3
2021	1	I-ORE		1873	11
2022	1	I-ORE		1873	3
2023	1	I-ORE		1873	
2024	1	I-ORE		1875	2
2025	1	I-ORE		1875	4
2025	2	I-ORE		1875	9
2026	1	I-ORE		1877	10
2027	1	I-ORE		1877	10
2028	1	I-ORE		1877	10
2028	2	I-ORE		1892	2
2028	3	I-ORE		1892	4
2028	4	I-ORE		1895	2
2029	1	I-ORE		1877	10
2030	1	I-ORE		1877	11
2031	1	I-ORE		1877	12
2032	1	I-ORE		1878	3
2033	1	I-ORE		1879	7
2034	1	I-ORE		1880	12
2035	1	I-ORE		1880	12
2036	1	I-ORE		1880	12
2037	1	I-ORE		1882	4
2037	2	I-ORE		1882	5
2038	1	I-ORE		1882	5
2039	1	I-ORE		1883	5
2040	1	I-ORE		1877	10
2040	2	I-ORE		1892	2
2040	3	I-ORE		1892	4
2040	4	I-ORE		1895	2
2041	1	I-ORE		1884	9
2042	1	I-ORE		1883	9
2043	1	I-ORE		1885	6
2044	1	I-ORE		1885	12
2045	1	I-ORE		1891	2
2046	1	I-ORE		1891	3
2047	1	I-ORE		1891	9

day	hour	min	sec	AMPM	time type
24	9	25		A	L
24	9	45		A	L
28				A	
31	5	41			
30	10	55		A	
31	5			A	
31				A	
23	3	20			
21	11	30		A	
21	11	30		A	
29	3	17	30	P	
21				A	
26					
4					
24					
16					
17					
19					
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19					
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22					
21					
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7					
15					
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30					
1					
18					
12					
7					
12					
12					
30					
1					
1					
12					
12					
21					
17					
25	4	47		A	
21					
28					
17					
8					
2					
7					
16					

dayofweek	lat	lattype	long	lontype	prec
		N		W	
		N		W	
		N		W	
		N		W	
		N		W	
		N		W	
		N		W	
		N		W	
		N		W	
Tuesday		N		W	
Tuesday		N		W	
		N		W	
		N		W	
Sunday		N		W	
		N		W	
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		N		W	
		N		W	
		N		W	
		N		W	
		N		W	
		N		W	

depth	depthu	depthprec	feltpl	feltst	int
			Bellingham	WA	
			Abbotsford	B.C.	
			explosion		
			Seattle	WA	
			Wenatchee	WA	
			Canyonville	OR	
			Eugene	OR	
			distant EQ		
			Anacortes	WA	
			Concrete	WA	
			Spokane	WA	
			Vancouver Island	B.C.	
			Seattle	WA	
			Mount Vernon	WA	
			Port Townsend	WA	
			Olympia	WA	
			The Dalles	OR	
			Puget Sound	WA	
			Portland	OR	
			The Dalles	OR	
			Olympia	WA	
			Olympia	WA	
			Puget Sound	WA	
			Snoqualmie Falls	WA	
			Portland	OR	
			Olympia	WA	
				OR	
			Walla Walla	WA	
			Grants Pass		
			Walla Walla	WA	
			Olympia	WA	
			Olympia	WA	
			Portland	OR	
			Portland	OR	
			Needy	OR	
			Portland	OR	
			Portland	OR	
			Tacoma	WA	
			Victoria	B.C.	
			Tacoma	WA	
			Port Townsend	WA	
			Portland	OR	
			Tacoma	WA	
			Portland	OR	
			Victoria		
			Portland	OR	
			Olympia	WA	
			Portland	OR	
			Olympia	WA	
			Puget Sound	WA	
			Snohomish	WA	
			Tacoma	WA	
			Portland	OR	

inttype	far	fari	faru	mag	magtype

magcom	evno
	575
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	202
	206

ID	strec	sid	acom	year	month
2048		1 I-ORE		1891	11
2049		1 I-ORE		1891	11
2050		1 I-ORE		1892	2
2051		1 I-ORE		1892	2
2052		1 I-ORE		1892	3
2053		1 I-ORE		1892	4
2054		1 I-ORE		1893	3
2055		1 I-ORE		1893	7
2056		1 I-ORE		1893	8
2057		1 I-ORE		1894	1
2058		1 I-ORE		1894	4
2059		1 I-ORE		1894	11
2060		1 I-ORE		1895	2
2061		1 I-ORE		1895	3
2062		1 I-ORE		1896	4
2062		2 I-ORE		1892	11
2062		3 I-ORE		1896	
2063		1 I-ORE		1897	1
2064		1 I-ORE		1898	2
2064		2 I-ORE		1898	2
2065		1 I-ORE		1898	2
2066		1 I-ORE		1898	8
2066		2 I-ORE		1898	8
2067		1 I-ORE		1900	4
2068		1 I-ORE		1903	12
2069		1 I-ORE		1903	3
2070		1 I-ORE		1903	9
2071		1 I-ORE		1904	3
2072		1 I-ORE		1904	6
2073		1 I-ORE		1905	11
2074		1 I-ORE		1906	4
2075		1 I-ORE		1906	4
2076		1 I-ORE		1906	4
2077		1 I-ORE		1906	4
2077		2 I-ORE		1906	5
2078		1 I-ORE		1906	6
2079		1 I-ORE		1906	9
2080		1 I-ORE		1907	5
2081		1 I-ORE		1909	1
2082		1 I-ORE		1909	8
2083		1 I-ORE		1909	12
2083		2 I-ORE		1910	2
2083		3 I-ORE		1914	3
2083		4 I-ORE		1910	2
2084		1 N-WA		1904	3
2085		1 N-OR		1899	8
2086		1 N-OR		1904	6
2087		1 N-OR		1904	3
2088		1 N-OR		1876	
2089		1 N-OR		1903	9
2090		1 N-OR		1920	11
2091		1 N-OR		1920	11
2092		1 N-WA		1904	3
2092		2 N-WA		1872	
2092		3 N-WA		1889	
2092		4 N-WA		1904	3
2093		1 MISC		1873	12
2093		2 MISC		1890	2
2094		1 N-		1872	12
2095		1 I-WA		1893	2
2096		1 I-WA		1891	3
2097		1 I-WA		1891	

day	hour	min	sec	AMPM	time type
8					
29					
3					
19					
23					
17					
5					
27					
14					
15					
21					
25					
13	2			P	
2					
27	2	45		P	
21	6	25		P	
21	1	15		A	
23	5	20		A	
12					
12					
28					
5	1	30		A	
13	6	25		P	
11	3	45		P	
16	8	18		P	
16					
11	3	35		P	
2	9			P	
18	5			A	
9					
1	4	55		A	
1					
27	4			A	
11	3	50		P	
20	1			A	
30	4	23		P	
7	4	45		P	
22					
15					
17	8	20		P	
6	3			P	
16	12			P	
17				P	
11	3	45		P	
9	12	25		A	
28	3			A	
16					
	10			P	
	9			P	
5					
14					
24					
15	9			A	
19					
7					

dayofweek	lat	lattype	long	lontype	prec
		N		W	
		N		W	
		N		W	

depth	depthu	depthprec	feltpl	feltst	int
			Ashland	OR	
			Seattle	WA	
			Portland	OR	
			Portland	OR	
			Olympia	WA	
			Portland	OR	
			Umatilla	OR	
			Pleasant Ridge	OR	
			Seattle	WA	
			Olympia	WA	
			Ellensburg	WA	
			Seattle	WA	
			Tacoma	WA	
			Leavenworth	WA	
			Willamette	OR	
			Oregon City	OR	
			Vancouver		
			Newport	WA	
			Portland	OR	
			Portland	OR	
			Ellensburg	WA	
			Seattle	WA	
			Seattle	WA	
			St. Helens	OR	
			Grants Pass	OR	
				WA	
			Portland	OR	
			Puget Sound	WA	
			Portland	OR	
			Boise	ID	
			Ashland	OR	
			Roseburg	OR	
			Grants Pass	OR	
			Rogue River Valle		
			Seattle	WA	
			Baker City		
			Portland	OR	
			Puget Sound	WA	
			Kalama	OR	
			Portland	OR	
			Portland	OR	
			Portland	OR	
			Portland	OR	
			Puget Sound	WA	
			Astoria	OR	
			Portland	OR	
			Seattle	WA	
			Ely, Nevada	NV	
			Astoria	OR	
			Astoria	OR	
			Astoria	OR	
				WA	
				WA	
			Seattle	WA	
			Bear Creek	WA	
			Walla Walla	WA	
			Skidegate	B.C.	
				OR	
			Yellowstone Park	MT	
			Seattle	WA	
			Puget Sound	WA	

inttype	far	fari	faru	mag	magtype

magcom	evno
	210
	213
	217
	221
	224
	226
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	122
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	464
	465
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	87
	146
	310
	87
	196
	87
	231
	202
	213

ID	strec	sid	qcom	year	month
2098	1	N-WA		1898	2
2099	1	N-WA		1897	9
2100	1	N-WA		1896	4
2101	1	N-WA		1895	9
2102	1	N-WA		1892	3
2102	2	N-WA		1874	7
2103	1	N-WA		1887	5
2104	1	N-WA		1893	1
2105	1	N-WA		1892	2
2106	1	N-WA		1892	2
2107	1	N-WA		1892	2
2108	1	N-WA		1891	12
2109	1	N-WA		1891	11
2110	1	N-WA		1891	9
2111	1	N-WA		1891	9
2112	1	N-WA		1891	9
2113	1	WBR		1872	12
2114	1	WBR		1872	12
2115	1	WBR		1872	12
2115	2	WBR		1872	12
2116	1	WBR		1891	11
2117	1	WBR		1879	11
2117	2	WBR		1879	11
2118	1	WBR		1880	12
2118	2	WBR		1880	12
2118	3	WBR		1880	12
2118	4	WBR		1880	12
2118	5	WBR		1880	12
2118	6	WBR		1880	12
2119	1	WBR		1881	1
2119	2	WBR		1881	1
2119	3	WBR		1881	1
2119	4	WBR		1881	1
2119	5	WBR		1881	1
2120	1	WBR		1881	2
2120	2	WBR		1881	2
2121	1	MWR		1882	4
2122	1	WBR		1881	3
2123	1	WBR		1882	4
2124	1	WBR		1882	5
2125	1	WBR		1882	10
2126	1	WBR		1884	9
2127	1	WBR		1886	4
2128	1	WBR		1872	12
2129	1	WBR		1891	11
2130	1	WBR		1892	2
2131	1	WBR		1892	4
2132	1	WBR		1891	10
2133	1	WBR		1891	9
2133	2	WBR		1892	1
2133	3	WBR		1892	4
2134	1	WBR		1892	2
2134	2	WBR		1892	2
2134	3	WBR		1892	2
2135	1	WBR		1887	4
2136	1	WBR		1884	9
2137	1	WBR		1885	12
2138	1	WBR		1870	2
2139	1	WBR		1868	8
2140	1	WBR		1872	12
2140	2	WBR		1872	12
2141	1	WBR		1891	3

day	hour	min	sec	AMPM	time type
23	5	20		A	
27	1	30		A	
2	3	13		A	
5	12	15		A	
6					
29				A	
3	8	30		P	
11	11	30			
29	3			P	
21				A	
19	9			A	
2	10	30		A	
14	9	31		P	
21					
16		40			
17	2	15		A	
29	3	30		P	
26	10	10		P	
26	11			P	
7	5	45		P	
10	5			A	
12	8	40		P	
14	7			P	
26	10	16		P	
29	11	25		P	
5	10	56		P	
6	4	20		A	
7	10	15		P	
16	11			P	
30	9	46		P	
20	12	15		A	
24	10	45		P	
30	10	50		P	
14	10	30		P	
30	10	40		P	
15	10	5		P	
30	10	5		P	
16	10	30		P	
16	10			P	
14	9	30		P	
28					
20					
24	3			A	
2	8			A	
21	1	46		A	
10	2	30		P	
10	4			A	
29	2			A	
29	2	55		A	
29	3	15		A	
29	3	40		A	
21	10	30		P	
18					
1					
14	9	20		P	
18	6	30		P	
7	7	40	0.5	P	

dayofweek	lat	lattype	long	lontype	prec
		N		W	
		N		W	
		N		W	
		N		W	
		N		W	
		N		W	
Friday		N		W	
		N		W	
		N		W	
		N		W	
		N		W	
		N		W	

depth	depthu	depthprec	feltpl	feltst	int
			Ellensburg	WA	
			Olympia	WA	
			Portland	OR	
			Helena, Montana	MT	
			Yakima	WA	
			Yakima		
			Walla Walla	WA	
			Methow Valley		
			The Dalles	OR	
			Chelan Falls		
			Portland	OR	
			Whatcom	WA	
			Tacoma	WA	
			Portland	OR	
			Seattle	WA	
			Ritzville	WA	
			Astoria	OR	
			Salem	OR	
			Portland	OR	
			Portland	OR	
			Aberdeen	WA	
			Bainbridge Island	WA	
			Bainbridge Island	WA	
			Bainbridge Island	WA	
			Bainbridge Island	WA	
			Bainbridge Island	WA	
			Bainbridge Island	WA	
			Bainbridge Island	WA	
			Bainbridge Island	WA	
			Bainbridge Island	WA	
			Bainbridge Island	WA	
			Bainbridge Islsnd	WA	
			Bainbridge Island	WA	
			Bainbridge Island	WA	
			Bainbridge Island	WA	
			Bainbridge Island	WA	
			Olympia	WA	
			Bainbridge Island	WA	
			Bainbridge Island	WA	
			Bainbridge Island	WA	
			Bainbridge Island	WA	
			Bainbridge Island	WA	
			Bainbridge Island	WA	
			Bainbridge Island	WA	
			Cathlamet	WA	
			Chelan	WA	
			Chelan	WA	
			Chelan	WA	
			Chelan	WA	
			East Sound	WA	
			East Sound	WA	
			East Sound	WA	
			Fort Simcoe	WA	
			Fort Simcoe	WA	
			Fort Simcoe	WA	
			Kennewick	WA	
			Tacoma	WA	
			Tatoosh Island	WA	
			Tatoosh Island	WA	
			Mount Baker	WA	
			Camp San Juan	WA	
			Camp San Juan	WA	
			Seattle	WA	

inttype	far	fari	faru	mag	magtype

magcom	evno
	283
	268
	263
	256
	221
	114
	190
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	221
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	216
	225
	220
	221
	222
	190
	172
	187
	78
	67
	87
	99
	202

ID	strec	sid	qcom	year	month
2142		1 WBR		1864	12
2143		1 N-WA		1891	9
2144		1 N-Ore		1891	9
2145		1 N-Ore		1885	10
2146		1 N-WA		1885	10
2147		1 WBR		1880	12
2148		1 WBR		1865	10
2149		1 WBR		1891	11
2150		1 MISC		1874	
2151		1 MISC	Y	1872	
2152		1 N-WaS		1885	5
2153		1 N-Vic		1866	12
2154		1 N-Ore		1885	5
2154		2 N-Ore		1885	5
2155		1 N-Vic		1866	12
2156		1 N-WA		1885	5
2157		1 MISC		1866	12
2158		1 MISC		1891	11
2159		1 MISC		1904	3
2160		1 MISC		1906	11
2161		1 N-WA		1895	4
2162		1 HOLD2		1857	9
2164		1 N-Vic		1865	10
2165		1 BSSA		1912	11
2165		2 BSSA		1912	11
2166		1 BSSA		1911	9
2167		1 BSSA		1913	3
2168		1 BSSA		1913	7
2169		1 BSSA		1913	10
2170		1 BSSA		1913	12
2170		2 BSSA		1913	12
2171		1 BSSA		1914	3
2172		1 BSSA		1914	9
2173		1 BSSA		1915	1
2174		1 BSSA		1915	4
2175		1 BSSA		1915	8
2176		1 BSSA		1918	2
2177		1 BSSA		1918	3
2178		1 BSSA		1918	4
2179		1 BSSA		1918	11
2180		1 BSSA		1919	6
2181		1 BSSA		1920	1
2181		2 BSSA		1920	1
2182		1 BSSA		1920	11
2182		2 BSSA		1920	11
2183		1 BSSA		1921	9
2183		2 BSSA		1921	9
2184		1 BSSA		1921	9
2185		1 BSSA		1921	9
2186		1 BSSA		1924	9
2187		1 BSSA		1927	4
2188		1 BSSA		1923	1
2189		1 BSSA		1923	2
2191		1 BSSA		1924	4
2192		1 MWR		1885	10
2193		1 MWR		1885	10
2194		1 MWR		1885	12
2195		1 MWR		1885	12
2195		2 MWR		1885	12
2196		1 MWR		1885	6
2197		1 MWR		1885	5
2198		1 N-Ore		1872	12

day	hour	min	sec	AMPM	time type
16	8	40		P	
19	9			A	
9	5			A	
9	5			A	
12					
15	11			P	
29	3	55		P	
7	2	15		A	L
20					
3	11	59		P	L
4	1	15		A	L
4	12	50		A	
20					
29					
30					
6					
15	4	30		P	L
24	7	20		P	
24	8	30		P	
28	6	45		P	
15	12	40		P	
29	8	15		A	
14	3			P	
25	6	40		A	
25	2	45		A	
22				A	
5	1	35		A	
18					
22	10	37		A	
18	6	6		A	
28	3	45		P	
11	8	26		P	
18	1	13		P	
1	9	15		A	
5	10	33		P	
24	7	9	16		P
24	11	10			P
28	3	30		A	
29	12	10		A	
14	3			A	
14	5			A	
14				A	
22	11	20		A	
19	9	30		A	
8				P	
10	8	30		P	
12	10	30		A	
25	12	3		A	
9	8			A	
10	1			A	
9	1	40		A	
18	12	30		A	
18	12	40		A	
27	5	26		A	
3	11	30		P	
20					

dayofweek	lat	lattype	long	lontype	prec
		N		W	
Wednesday		N		W	
		N		W	
Friday		N		W	
Friday		N		W	
		N		W	
		N		W	
		N		W	
		N		W	
		N		W	
Thursday		N		W	
		N		W	
		N		W	
		N		W	
		N		W	
Monday		N		W	
		N		W	
		N		W	
		N		W	
		N		W	
		N		W	

depth	depthu	depthprec	feltpl	feltst	int
			Mount Baker	WA	
			Portland	OR	
			Seattle	WA	
			Olympia	WA	
			Olympia	WA	
			Not felt in Neah B	WA	0
			Neah Bay	WA	
			Kitsap County	WA	
			Ringold Bar		
			Pacific Coast		
			Olympia	WA	
			Victoria	B.C.	
			Sprague	WA	
			Sprague	WA	
			Mt. Hood	OR	
			Seattle	WA	
			Port Townsend	WA	
			Seattle	WA	
			coastal	WA	
			coastal	WA	
			Port Townsend		
			Birch Bay	WA	
			Mt Hood	OR	
			Seattle	WA	
			Seattle	WA	
			Bellingham	WA	
			Medford	OR	
			Lewis	WA	VI
			Idaho border	OR	
			Seattle/Edmonds	WA	
			Edmonds	WA	
			Portland	OR	
			Olympia	WA	
			Summerville	OR	
			Seattle/Tacoma	WA	
			British Columbia	B.C.	
			Yakima	WA	
			Montana and Ida	MT	
			White Bluff	WA	
			Corfu	WA	IV
			Seattle	WA	
			Victoria	B.C.	
			Ladysmith/Port Al	B.C.	
			Various places, W		
			distant origin, rec		
			Dixie	WA	
			Dixie	WA	
			Dixie	WA	
			Portland, OR		
			Vancouver	WA	
			Baker	OR	
			Lakeview	OR	
			Bellingham	WA	
			Seattle	WA	
			Olympia	WA	
			East Portland	OR	
			Port Angeles	WA	
			Tatoosh Island	WA	
			Tatoosh Island	WA	
			Olympia	WA	
			Olympia	WA	
			Port Townsend	WA	

inttype	far	fari	faru	mag	magtype
RF		100	mi2		
		40	mi2		
RF					

magcom	evno
	50
	206
	207
	180
	180
	146
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	213
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	87
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	213
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	340
	249
	31
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	479
	482
	528
	560
	496
	500
	522
	180
	181
	183
	187
	188
	179
	174
	101

ID	strec	sid	qcom	year	month
2199	1	N-Ore		1872	12
2200	1	MWR		1883	10
2200	2	MWR		1883	10
2201	1	MWR		1884	9
2202	1	MWR		1886	4
2203	1	MWR		1884	1
2204	1	MWR		1883	5
2205	1	MWR		1884	11
2206	1	MISC		1868	8
2207	1	N-Ore		1872	12
2208	1	MWR		1897	12
2209	1	MWR		1897	12
2209	2	MWR		1897	12
2209	3	MWR		1897	12
2209	4	MWR		1897	12
2210	1	MWR		1915	1
2211	1	MWR		1915	1
2212	1	MWR		1915	2
2213	1	MWR		1915	2
2214	1	MWR		1915	3
2215	1	MWR		1915	3
2216	1	MWR		1915	3
2217	1	MWR		1915	4
2218	1	MWR		1915	4
2219	1	MWR		1915	7
2220	1	MWR		1915	8
2221	1	MWR		1915	8
2222	1	MWR		1915	8
2223	1	MWR		1915	8
2224	1	MWR		1915	8
2225	1	MWR		1915	8
2226	1	MWR		1915	10
2227	1	MWR		1915	10
2228	1	MWR		1915	10
2229	1	MWR		1915	10
2230	1	MWR		1915	10
2231	1	MWR		1915	10
2232	1	MWR		1915	10
2233	1	MWR		1915	11
2234	1	MWR		1915	12
2235	1	MWR		1916	1
2236	1	MWR		1916	1
2237	1	MWR		1916	1
2238	1	MWR		1916	1
2239	1	MWR		1916	1
2240	1	MWR		1916	2
2241	1	MWR		1916	3
2242	1	MWR		1916	4
2243	1	MWR		1916	5
2243	2	MWR		1916	5
2243	3	MWR		1915	
2244	1	MWR		1916	5
2245	1	MWR		1916	11
2246	1	MWR		1917	3
2247	1	MWR		1917	6
2248	1	MWR		1917	6
2249	1	MWR		1917	11
2250	1	MWR		1917	11
2251	1	MWR		1917	11
2252	1	MWR		1917	11
2253	1	MWR		1918	3
2254	1	MWR		1918	4

day	hour	min	sec	AMPM	time type
14	10	30		P	
16	3	15		A	
24	4	14		P	
21	10			P	
16	10	5		P	
3	8	40		P	
10				P	
4					
27	8	45		A	
20					
6	8	30		P	
15					
16	6			A	
17	6			A	
20	6			A	
19					
26	0	55		P	G
11	3	7			G
28	18	0			G
1	3	0			G
6	5	10			G
6	5	30			G
22	18	35			G
22	18	35			G
18	20	54			G
18	14	4			G
18	14	4			G
18	14	4			G
18	14	4			G
18	14	4			G
18	18	0			G
3	6	56			G
3	6	56			G
3	6	56			G
3	6	56			G
3	6	56			G
3	6	56			G
20	7	30			G
18	23	42			G
10	20	45			G
4	18	40			G
2	0	52			G
2	0	52			G
2	0	52			G
2	0	52			G
22	11	45			G
2	23	15			G
24	4	43			G
12	7	26		P	
12	6	39		P	
28					
21	19	30			G
28	17	5			G
9	14	30			G
9	14	30			G
12	10	47			G
12	10	47			G
12	10	47			G
14	2	57			G
2	0	8			G
18	20	13			G

dayofweek	lat	lattype	long	lontype	prec
		N		W	
		N		W	
		N		W	
		N		W	
		N		W	
		N		W	
		N		W	
		N		W	
		N		W	
		N		W	
		N		W	
		N		W	
		N		W	
		N		W	
	45.45	N	118.08	W	1 min.
	46.8	N	121.93	W	1 min.
	47.5	N	124.25	W	5 min.
	47.83	N	120.02	W	1 min
	47.83	N	120	W	10 min
	47.83	N	120	W	10 min.
	47.83	N	120	W	10 min
	47.2	N	122.22	W	1 min
	47.27	N	122.38	W	1 min.
	47.83	N	120	W	10 min.
	48.9	N	121.95	W	1 min.
	47.83	N	120	W	10 min.
	48.98	N	118.22	W	1 min.
	48.53	N	121.43	W	1 min.
	47.63	N	122.33	W	1 min.
	48.53	N	121.43	W	1 min.
	44.77	N	117.83	W	1 min.
	42.67	N	119.08	W	5 min.
	43.58	N	119.07	W	1 min.
	42.2	N	120.33	W	1 min.
	43.13	N	119.15	W	1 min.
	42.53	N	120.25	W	1 min.
	45.33	N	116.77	W	1 min.
	45.87	N	122.67	W	1 min.
	47.67	N	117.42	W	1 min.
	44.63	N	124.13	W	1 min.
	47.03	N	122.92	W	1 min.
	47.63	N	122.33	W	1 min.
	48	N	121.53	W	1 min.
	47.2	N	122.22	W	1 min.
	48.78	N	122.58	W	1 min.
	47.4	N	120.82	W	1 min.
	47.2	N	122.22	W	1 min.
		N		W	
		N		W	
		N		W	
		N		W	
	48	N	121.53	W	1 min.
	46.8	N	121.93	W	1 min.
	46.77	N	122.15	W	1 min.
	46.75	N	121.83	W	5 min
	47.4	N	121.72	W	1 min.
	46.75	N	121.88	W	5 min.
	47.47	N	121.43	W	1 min.
	46.75	N	121.83	W	5 min.
	46.03	N	118.33	W	1 min.
	47.67	N	117.58	W	5 min.

depth	depthu	depthprec	feltpl	feltst	int
			Baker City	OR	
			Cape Mendocino	CA	
			Cape Mendocino	CA	
			Tacoma	WA	
			Bainbridge Island	WA	
			Portland	OR	
			Victoria	B.C.	
			150 mi. off Cape	CA	
			OR-CA borde		
			Landslide at Kala	WA	
			Forest Grove	OR	
			Waterville	WA	
			Lakeside	WA	
			Lakeside	WA	
			Lakeside	WA	
			Summerville	OR	V
			Longmire	WA	IV
			Queets River	WA	III
			Lakeside	WA	III
			Lakeside	WA	III
			Lakeside	WA	I
			Lakeside	WA	IV
			Sumner	WA	III
			Tacoma	WA	V
			Lakeside	WA	IV
			Glacier	WA	IV
			Lakeside	WA	III
			Laurier	WA	IV
			Marblemount	WA	V
			Seattle	WA	II
			Marblemount	WA	III
			Baker	OR	VI
			Beckley	OR	V
			Burns	OR	III
			Lakeview	OR	IV
			Sunrise Valley	OR	IV
			Valley Falls	OR	
			Fruita	OR	
			La Center	WA	V
			Spokane	WA	IV
			Newport	OR	IV
			Olympia	WA	IV
			Seattle	WA	IV
			Silverton	WA	
			Sumner	WA	IV
			Marietta	WA	V
			Cedar Falls	WA	II
			Sumner	WA	II
			Boise	ID	
			not felt - located	WA	
			N.Y. Canal	ID	
			Baker	OR	
			Silverton	WA	IV
			Ashford	WA	V
			Glenoma	WA	IV
			Longmire	WA	V
			Cedar Lake	WA	IV
			Longmire	WA	V
			Summit Inn, Moun	WA	
			Longmire	WA	V
			Walla Walla	WA	III
			White Bluff Prarie	WA	IV

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ID	strec	sid	qcom	year	month
2255		1 MWR		1918	5
2256		1 MWR		1918	6
2257		1 MWR		1918	8
2258		1 MWR		1919	6
2259		1 MWR		1919	12
2260		1 MWR		1920	1
2261		1 MWR		1920	1
2262		1 MWR		1920	1
2263		1 MWR		1920	1
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2267		1 MWR		1920	3
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2272		1 MWR		1920	11
2273		1 MWR		1920	12
2274		1 MWR		1920	11
2275		1 MWR		1920	11
2276		1 MWR		1921	2
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2278		1 MWR		1921	9
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2281		1 MWR		1922	1
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2283		1 MWR		1922	1
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2293		1 MWR		1922	1
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2299		1 MWR		1922	6
2300		1 MWR		1922	6
2301		1 MWR		1922	6
2302		1 MWR		1922	6
2303		1 MWR		1922	7
2304		1 MWR		1922	7
2305		1 MWR		1922	10
2306		1 MWR		1923	1
2307		1 MWR		1923	1
2307		2 MWR		1923	1
2307		3 MWR		1923	1
2308		1 MWR		1923	2
2309		1 MWR		1923	3
2310		1 MWR		1923	3
2311		1 MWR		1923	3
2312		1 MWR		1923	7
2313		1 MWR		1923	7
2314		1 MWR		1923	7

day	hour	min	sec	AMPM	time type
7	21	15			G
21	5	47			G
22	15	21	35		G
5				P	
26	6	0			G
24	7	9			G
24	7	10			G
24	7	12			G
24	7	14			G
24	7	15			G
24	7	20			G
24	11	8		P	
2	4	20			G
14	11	45			G
9	20	20			G
28	11	43			G
28	11	33			G
28	11	40			G
15	18	50			G
9	20	40			G
28	11	45			G
25	8	0			G
4	20	0			G
22	19	20			G
31	14	30			G
31	19				G
31					
31	13	20			G
31	13	20			G
31	13	30			G
31	13	30			G
31	13	10			G
31	13	10			G
31	13	20			G
31	13	20			G
31	13	25			G
31	13	25			G
31	13	20			G
31	13	20			G
31	13	15			G
31	13	20			G
31	13	30			G
31	13	15			G
31	13	20			G
1	23	27			G
1	23	30			G
1	23	30			G
1	23	35			G
5	18	6			G
5	18	5			G
16	4	20			G
11	4	23			G
11	4	30			G
11	6	15			G
11	7	45			G
12	18	15			G
12	18	15			G
12	18	15			G
12	18	20			G
14	23	30			G
15	0	10			G
15	1	45			G

dayofweek	lat	lattype	long	lontype	prec
	48.1	N	121.37	W	1 min.
	46.77	N	121.83	W	1 min.
		N		W	
		N		W	
	46.5	N	122.2	W	1 min.
	48.25	N	121.25	W	5 min.
	49	N	122.75	W	5 min.
	48.78	N	122.58	W	1 min.
	48.83	N	122.67	W	10 min.
	48.38	N	124.75	W	1 min.
	47.93	N	124.33	W	1 min.
		N		W	
	46.5	N	122.12	W	1 min.
	42.83	N	122	W	10 min
	45.5	N	122.67	W	10 min.
	45.5	N	122.67	W	10 min.
	46.83	N	121.83	W	10 min.
	47.33	N	122.83	W	10 min,
	44.25	N	122.5	W	5 min.
	46.17	N	121.83	W	10 min.
	46.17	N	123.83	W	10 min.
	42.33	N	122.5	W	10 min.
	45.5	N	122.67	W	10 min.
	45.5	N	122.67	W	10 min.
	48.75	N	119.5	W	5 min.
	48.67	N	118.67	W	10 min.
	49	N	122.17	W	10 min.
	42.33	N	122.75	W	5 min.
	44	N	121.33	W	10 min.
	42	N	124.25	W	5 min.
	42	N	124.25	W	5 min.
	42.33	N	123	W	10 min.
	42.67	N	122	W	10 min.
	43.67	N	123	W	10 min.
	44	N	123	W	10 min.
	44	N	124	W	10 min.
	42.33	N	122.83	W	10 min.
	43.67	N	122.5	W	10 min.
	42.67	N	121.5	W	10 min.
	42.67	N	122.5	W	10 min.
	42.17	N	122.83	W	10 min.
	42.17	N	123.17	W	10 min.
	43.25	N	121.42	W	5 min.
	42.67	N	121.17	W	10 min.
	47.67	N	117.5	W	10 min.
	47.67	N	117.5	W	10 min.
	47.67	N	117.5	W	10 min.
	47.67	N	117.5	W	10 min.
	45.5	N	122.67	W	10 min.
	45.83	N	122	W	10 min.
	46	N	119.33	W	10 min.
	42.33	N	120.33	W	10 min.
	42.17	N	120.33	W	10 min.
	42.17	N	120.33	W	10 min.
	42.17	N	120.33	W	10 min.
	48.83	N	122.67	W	10 min.
	48.5	N	122.67	W	10 min.
	49.83	N	122.67	W	10 min.
	48.67	N	122.83	W	10 min.
	48.08	N	121.67	W	5 min.
	48.17	N	122.17	W	10 min.
	48.17	N	122.17	W	10 min.

depth	depthu	depthprec	feltpl	feltst	int
			North Fork Sauk Ri	WA	IV
			Longmire	WA	V
			Victoria	B.C.	
			Seattle	WA	
			Bullrun	OR	IV
			Clallam Bay	WA	V
			Blaine	WA	IV
			Marietta	WA	
			Anacortes	WA	V
			Tatoosh	WA	II
			Forks	WA	V
			Seattle	WA	
			Glenoma	WA	IV
			Crater Lake	OR	V
			Portland	OR	III
			Portland	OR	III
			Longmire	WA	IV
			Detroit	WA	III
			Cascadia	OR	III
			Astoria	OR	
			Astoria	OR	IV
			Cascadia	OR	V
			Portland	OR	III
			Portland	OR	IV
			Tonasket	WA	III
			Republic	WA	II
			Clearbrook	WA	
			Ashland	OR	III
			Bend	OR	II
			Brookings	OR	V
			Brookings	OR	II
			Central Point	OR	V
			Chiloquin	OR	
			Cottage Grove	OR	II
			Eugene	OR	
			Florence	OR	II
			Medford	OR	IV
			Oakridge	OR	V
			Port Orford	OR	
			Prospect	OR	II
			Talent	OR	III
			Williams	OR	III
			Winchester Bay	OR	
			Wolf Creek	OR	III
			Spokane	WA	IV
			Spokane	WA	II
			Spokane	WA	
			Spokane	WA	
			Portland	OR	III
			Stabler	WA	IV
			Hermiston	OR	III
			Valley Falls	OR	V
			Lakeview	OR	VI
			Lakeview	OR	
			Lakeview	OR	
			Marietta	WA	
			Anacortes	WA	IV
			Marietta	WA	IV
			Olga	WA	II
			Silverton	WA	IV
			Arlington	WA	IV
			Arlington	WA	

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ID	strec	sid	qcom	year	month
2315	1	MWR		1924	1
2316	1	MWR		1924	1
2317	1	MWR		1924	1
2318	1	MWR		1924	1
2319	1	MWR		1924	2
2320	1	MWR		1924	4
2321	1	MWR		1924	5
2322	1	N-WA		1920	1
2323	1	N-WA		1920	1
2324	1	N-WA		1920	1
2325	1	N-WA		1920	1
2326	1	N-Ore		1920	1
2327	1	N-WA		1920	1
2328	1	MISC		1893	7
2329	1	MISC		1891	3
2329	2	MISC		1945	
2329	3	MISC		1963	
2330	1	GCR		1872	12
2330	2	GCR		1903	3
2330	3	GCR		1904	3
2330	4	GCR		1909	1
2330	5	GCR		1911	9
2330	6	GCR		1913	12
2330	7	GCR		1915	8
2330	8	GCR		1918	12
2330	9	GCR		1920	1
2330	10	GCR		1923	2
2330	11	GCR		1926	12
2330	12	GCR		1928	2
2331	1	MISC		1872	12
2332	1	MISC		1882	4
2333	1	MISC		1877	10
2333	2	MISC		1877	10
2334	1	MISC		1872	12
2335	1	MISC		1873	11
2336	1	MISC		1904	3
2336	2	MISC		1907	7
2336	3	MISC		1909	6
2336	4	MISC		1925	2
2336	5	MISC		1929	4
2337	1	N-Ore		1921	9
2338	1	N-WA		1880	12
2338	2	N-WA		1880	12
2338	3	N-WA		1880	12
2338	4	N-WA		1880	12
2338	5	N-WA		1880	12
2338	6	N-WA		1880	12
2338	7	N-WA		1880	12
2339	1	N-WA		1904	3
2340	1	N-WaS		1872	12
2341	1	N-WaS		1872	12
2342	1	WPPSS		1872	12
2343	1	WPPSS		1872	12
2344	1	WPPSS		1872	12
2352	1	N-WPP		1899	9
2352	2	N-WPP		1915	8
2352	3	N-WPP		1871	
2354	1	WPPSS		1872	12
2355	1	WPPSS		1918	11
2356	1	WPPSS		1893	3
2357	1	WPPSS		1873	10
2358	1	WPPSS		1874	1

day	hour	min	sec	AMPM	time type
5	22	15			G
6	23	9			G
6	23	10			G
6	13	9			G
10	14	5			G
25	20	2			G
27	0	19			G
23	11	15		P	
23	11			P	
23	11	12		P	
23	11	9		P	
23	11	8		P	
7	7	40		P	L
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12					
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9					
14					
30	10	48		P	L
12	9			A	L
12	1	53		P	L
15	5	40			G
22	9	5		P	
16	8	19		P	
28	2	20		A	
11	3	48		P	
10	2	30		A	
22	6	18		P	
22	11	20		A	
7	6			P	
10					
17					
12	8			P	
7	5	45		P	
12	8	45		P	
13				P	
16					
14	9	40		P	
14					
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10	2			P	
18	6			A	
14					
1	9	15		A	
5	5	3		P	
18					
17					

dayofweek	lat	lattype	long	lontype	prec
	45.83	N	119.25	W	5 min.
	45.92	N	118.33	W	5 min.
	45.92	N	118.5	W	5 min.
	46	N	118.5	W	10 min,
	47.63	N	122.33	W	1 min.
	47.63	N	122.33	W	1 min.
	46.08	N	118.33	W	5 min.
Friday		N		W	
Friday		N		W	
Friday		N		W	
		N		W	
		N		W	
		N		W	
		N		W	
	47.5	N	121.75	W	
		N		W	
		N		W	
	48.6	N	121.4	W	
	47.7	N	122.2	W	
	47.8	N	123	W	
	48.7	N	122.8	W	
	48.8	N	122.7	W	
	47.7	N	122.5	W	
	48.5	N	121.4	W	
	49.5	N	125.9	W	
	48.6	N	123	W	
	49	N	122.7	W	
	48.5	N	123	W	
	49	N	125.3	W	
		N		W	
	47.4	N	122.6	W	
		N		W	
		N		W	
	48.5	N	121	W	
		N		W	
		N		W	
		N		W	
		N		W	
		N		W	
		N		W	
		N		W	
Tuesday		N		W	
		N		W	
		N		W	
Sunday		N		W	
Tuesday		N		W	
Sunday		N		W	
		N		W	
		N		W	
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		N		W	
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		N		W	
		N		W	
Sunday		N		W	
		N		W	
		N		W	
		N		W	
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depth	depthu	depthprec	feltpl	feltst	int
			Stanfield	OR	V
			Milton	OR	V
			Weston	OR	V
			Walla Walla	WA	IV
			Seattle	WA	II
			Seattle	WA	III
			Walla Walla	WA	
			Port Angeles	WA	
			Friday Harbor	WA	
			Anacortes	WA	
			Bellingham	WA	
			Seattle	WA	
			Mt. Rainier	WA	
			Mt. Si	WA	VI
			Pt. Townsend	WA	
			San Juan Islands	WA	
			Olympia	WA	VI
			Cascades	OR	III
			Portland	OR	VII
			Fort Klamath	OR	
			Port Townsend	WA	
			Port Townsend	WA	
			Port Townsend	WA	
			Port Townsend	WA	
			Port Townsend	WA	
			Portland	WA	
			Port Townsend	WA	
			Port Townsend	WA	
			Port Townsend	WA	
			Port Townsend	WA	
			Tacoma	WA	
			Tacoma	WA	
			Tacoma	WA	
			Puget Sound	WA	
			Olympia	WA	
			Lake Chelan	WA	
			Chilliwack	B.C.	
			Chilliwack	B.C.	
			Corfu	WA	V
			Umatilla	OR	VI
			Lake Chelan	WA	
			Yakima	WA	

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	50000		km2	5.3	MI
	150000		km2	6	MI
	8000		km2	4.1	MI
	20000		km2	4.7	MI
	77000		km2	5.6	MI
	650000		km2	7	MI
	70000		km2	5.5	MI
	8000		km2	4.1	MI
	30000		km2	5	MI
	120000		km2	5.8	MI
MM				5.75	MI
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ID	strec	sid	qcom	year	month
2359		1 WPPSS		1875	5
2360		1 WPPSS		1875	5
2361		1 WPPSS		1891	9
2362		1 WPPSS		1892	2
2363		1 WPPSS		1892	3
2364		1 WPPSS		1893	1
2365		1 WPPSS		1893	7
2366		1 WPPSS		1894	4
2367		1 WPPSS		1897	12
2368		1 WPPSS		1898	1
2369		1 WPPSS		1898	2
2370		1 WPPSS		1898	6
2371		1 WPPSS		1905	10
2372		1 WPPSS		1905	12
2373		1 WPPSS		1906	11
2374		1 WPPSS		1907	2
2375		1 WPPSS		1909	1
2376		1 WPPSS		1909	5
2377		1 WPPSS		1909	5
2378		1 WPPSS		1914	2
2379		1 WPPSS		1914	8
2380		1 WPPSS		1915	3
2381		1 WPPSS		1915	3
2382		1 WPPSS		1915	7
2383		1 WPPSS		1915	8
2384		1 WPPSS		1915	8
2385		1 WPPSS		1918	2
2386		1 WPPSS		1918	5
2387		1 WPPSS		1918	11
2388		1 WPPSS		1920	10
2389		1 WPPSS		1922	1
2390		1 WPPSS		1926	12
2391		1 WPPSS		1927	1
2392		1 N-WPP		1883	5
2393		1 N-WPP		1900	1
2394		1 N-WPP		1909	1
2395		1 N-WPP		1915	8
2395		2 N-WPP		1871	
2395		3 N-WPP	M	1908	
2395		4 N-WPP	M	1913	
2396		1 N-WPP		1916	2
2397		1 N-WPP		1920	1
2398		1 N-WPP		1924	8
2399		1 N-WPP		1925	6
2400		1 WPPSS		1833	6
2401		1 WPPSS		1846	
2402		1 WPPSS		1856	12
2403		1 WPPSS		1857	9
2404		1 WPPSS		1859	4
2405		1 WPPSS		1860	5
2406		1 WPPSS		1866	11
2407		1 WPPSS		1866	12
2408		1 WPPSS		1868	5
2409		1 WPPSS		1869	2
2410		1 WPPSS		1870	6
2411		1 WPPSS		1871	1
2412		1 WPPSS		1871	5
2413		1 WPPSS		1871	1
2414		1 WPPSS		1872	12
2415		1 WPPSS		1873	1
2416		1 WPPSS		1873	10
2417		1 WPPSS		1874	1

day	hour	min	sec	AMPM	time type
6					
6					
2					
20					
5					
26					
7					
15					
15					
22					
3					
16					
16					
17					
21					
24					
24					
1					
8					
1					
4					
18					
18					
18					
28					
7					
1					
7					
31					
30					
2					
10	6	55			P
30	8				P
11	3	45		P	
18	6			A	
22	5	30		P	
23	11	10		P	
8	3			A	
28	5	20		P	
29					
26					
1					
7					
30					
1					
30					
18					
7					
20					
19					
20					
16					
16					
18					
17					

dayofweek	lat	lattype	long	lontype	prec
		N		W	
		N		W	
		N		W	
		N		W	
		N		W	
		N		W	
		N		W	
		N		W	
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		N		W	
		N		W	
		N		W	
		N		W	
		N		W	
		N		W	
	48.5	N	121.4	W	
	48.5	N	121.4	W	
		N		W	
		N		W	
	46.7	N	119.5	W	
		N		W	
		N		W	
		N		W	
		N		W	
		N		W	
		N		W	
		N		W	
Wednesday		N		W	
		N		W	
		N		W	
		N		W	
Tuesday		N		W	
Friday		N		W	
Thursday		N		W	
Saturday		N		W	
		N		W	
		N		W	
		N		W	
		N		W	
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		N		W	
		N		W	
		N		W	
		N		W	

depth	depthu	depthprec	feltpl	feltst	int
			Yakima	WA	
			Yakima	WA	
			Ritzville	WA	IV
			Chelan Falls	WA	
			North Yakima	WA	VI
			Methow Valley	WA	
			Wenatchee	WA	
			Ellensburg	WA	III
			Lakeside	WA	V
			Lakeside	WA	
			Ellensburg	WA	
			Lakeside	WA	
			Chelan	WA	V
			Chelan	WA	
			Chelan	WA	
			Chelan	WA	V
			Chelan	WA	IV
			Waterville	WA	
			Chelan	WA	V
			Lakeside	WA	
			Lakeside	WA	
			Lakeside	WA	
			Lakeside	WA	IV
			Lakeside	WA	IV
					VI
					V
			Yakima	WA	V
			N. Fork Sauk R,	WA	
					VI
			Waterville	WA	V
			Republic	WA	
			Wenatchee	WA	V
			Leavenworth	WA	V
			Kamloops	B.C.	
			Chilliwack	B.C.	
			Chilliwack	B.C.	
			Chilliwack	B.C.	
			Chilliwack	B.C.	
			Penticton	B.C.	
			Vancouver	B.C.	
			Penticton	B.C.	
			Chilliwack	B.C.	
			Sumas	WA	
			Penticton	B.C.	
			Fort Nisqually	WA	
			Oregon City	OR	
			Port Townsend	WA	
			Birch Bay	WA	
			Olympia	WA	
			Port Townsend	WA	
			The Dalles	OR	
			The Dalles	OR	
			Mukilteo	WA	
			Port Townsend	WA	
			Vancouver	WA	
			Olympia	WA	
			Mt. Rainier	WA	
			Seattle	WA	
			Walla Walla	WA	
			Olympia	WA	
			Lake Chelan	WA	
			Yakima	WA	

inttype	far	fari	faru	mag	magtype
MM					
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MM					

magcom	evno
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	105
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	113

ID	strec	sid	qcom	year	month
2418	1	WPPSS		1875	5
2418	2	WPPSS		1875	5
2419	1	WPPSS		1875	5
2420	1	WPPSS		1878	4
2421	1	WPPSS		1880	8
2422	1	WPPSS		1883	9
2423	1	WPPSS		1886	4
2424	1	WPPSS		1887	4
2425	1	WPPSS		1888	2
2426	1	WPPSS		1889	3
2427	1	WPPSS		1889	10
2428	1	WPPSS		1890	2
2429	1	WPPSS		1890	10
2430	1	WPPSS		1891	12
2431	1	WPPSS		1892	3
2432	1	WPPSS		1892	11
2433	1	WPPSS		1893	1
2434	1	WPPSS		1893	7
2435	1	WPPSS		1893	7
2436	1	WPPSS		1894	11
2437	1	WPPSS		1896	8
2438	1	WPPSS		1898	1
2438	2	WPPSS		1898	1
2438	3	WPPSS		1898	1
2439	1	WPPSS		1898	2
2440	1	WPPSS		1898	2
2441	1	WPPSS		1898	6
2442	1	WPPSS		1898	8
2443	1	WPPSS		1900	9
2444	1	WPPSS		1902	12
2445	1	WPPSS		1903	12
2446	1	WPPSS		1905	12
2447	1	WPPSS		1906	11
2448	1	WPPSS		1909	5
2449	1	WPPSS		1910	2
2449	2	WPPSS		1909	8
2450	1	WPPSS		1912	6
2451	1	WPPSS		1912	11
2452	1	WPPSS		1914	2
2453	1	WPPSS		1914	8
2454	1	WPPSS		1915	4
2455	1	WPPSS		1918	6
2455	2	WPPSS		1915	10
2456	1	WPPSS		1919	6
2457	1	WPPSS		1920	11
2458	1	WPPSS		1922	1
2459	1	WPPSS		1923	9
2460	1	WPPSS		1928	7
2461	1	N-WPP		0	
2461	2	N-WPP		1820	
2461	3	N-WPP		0	
2462	1	N-WPP		1833	6
2463	1	N-WPP		1831	8
2464	1	N-WPP		1842	10
2465	1	N-WPP		1843	11
2465	2	N-WPP		1843	11
2465	3	N-WPP		1844	2
2465	4	N-WPP		1843	11
2466	1	N-WPP		1846	
2466	3	N-WPP		1846	
2466	21	N-WPP		1846	
2467	1	N-WPP		1853	

day	hour	min	sec	AMPM	time type
6	3	30		P	
6	3	35		P	
6	4	15		P	
1					
22					
28					
15					
29					
1					
16					
20					
1					
8					
11	11	30		A	
26					
7					
21					
26					
11					
14					
15					
2					
22					
3					
12					
28					
4					
15					
	2			A	
19	5	30		P	
24					
7					
17					
6					
24					
1					
8					
22					
7					
19					
5					
29					
31					
5					
29	1	40		P	
13					
23					
16					
13					

dayofweek	lat	lattype	long	lontype	prec
		N		W	
		N		W	
		N		W	

depth	depthu	depthprec	feltpl	feltst	int
			Yakima	WA	
			Yakima	WA	
			Yakima	WA	
			Puget Sound	WA	
			Northwestern WA	WA	
			Portland	OR	
			Bainbridge Island	WA	
			Walla Walla	WA	
			Point No Point	WA	
			Point No Point	WA	
			Point No Point	WA	
			Admiralty Head	WA	
			Point No Point	WA	
			Mt. Baker	WA	
			Kalama	WA	
			Oregon City	OR	
			Methow Valley (n	WA	
			Pleasant Ridge (n	OR	
			Wenatchee	WA	
			Mt. Rainier	WA	
			Mt. Hood	OR	
			Lakeside	WA	
			Lakeside	WA	
			Lakeside	WA	
			Brinnon	WA	
			Ellensburg	WA	
			Lakeside	WA	
			Seattle	WA	
			St. Helens	OR	
			Hood River	OR	
			Mt. Rainier	WA	
			Chelan	WA	
			Chelan	WA	
			Waterville	WA	
			Portland	OR	
			Dayton	WA	
			S. Puget Sound	WA	
			Seattle	WA	
			Lakeside	WA	
			Lakeside	WA	
			Puyallup	WA	
			W. Seattle	WA	
			Fruita	OR	
			Seattle	WA	
			Spokane	WA	
			Republic	WA	
			Sultan	WA	
			Mt. Rainier	WA	
			Mt. Rainier	WA	
			Cascades	OR	
			Fort Nisqually	WA	
			Mount St. Helens	WA	
			Mount St. Helens	WA	
			Mt. St. Helens	WA	
			Mt. St. Helens	WA	
			Mt. St. Helens	WA	
			Mt. Tacoma	WA	
			Mt. St. Helens		
			Mt. Tacoma	WA	
			Mt. Baker	WA	
			Mt. Baker	WA	

inttype	far	fari	faru	mag	magtype

magcom	evno
	116
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	22

ID	strec	sid	qcom	year	month
2468	1	N-WPP		1861	
2469	1	N-WPP		1869	
2470	1	N-WPP		1869	6
2471	1	N-WPP		1870	9
2472	1	N-WPP		1872	12
2473	1	N-WPP		1873	1
2473	2	N-WPP		1873	11
2473	3	N-WPP		1873	12
2474	1	N-WPP		1874	
2475	1	N-WPP		1880	12
2475	2	N-WPP		1880	12
2475	3	N-WPP		1880	12
2476	1	N-WPP		1883	
2477	1	N-WPP		1884	6
2478	1	N-WPP		1889	
2478	2	N-WPP		1891	9
2479	1	N-WPP		1891	11
2480	1	N-WPP		1891	
2481	1	N-WPP		1892	4
2482	1	WPPSS		1880	
2483	1	N-WPP		1897	1
2484	1	N-WPP		1900	3
2485	1	N-WPP		1902	2
2486	1	N-WPP		1915	8
2487	1	N-WPP		1925	6
2488	1	N-WPP		1927	9
2488	2	N-WPP		1926	
2489	1	N-WPP		1928	2
2490	1	N-WPP		1864	2
2491	1	N-WPP		1872	2
2492	1	N-WPP		1877	4
2492	2	N-WPP		1877	4
2493	1	N-WPP		1877	9
2494	1	N-WPP		1891	9
2495	1	N-WPP		1891	12
2496	1	N-WPP		1898	12
2497	1	N-WPP		1900	11
2497	2	N-WPP		1900	11
2497	3	N-WPP		1900	11
2497	4	N-WPP		1900	11
2498	1	N-WPP		1905	10
2499	1	N-WPP		1906	10
2499	2	N-WPP		1907	2
2500	12	N-WPP		1907	9
2501	13	N-WPP		1908	1
2502	14	N-WPP		1908	4
2503	15	N-WPP		1910	3
2504	16	N-WPP		1910	7
2505	1	WPPSS		1905	10
2506	1	WPPSS		1907	2
2507	1	WPPSS		1909	1
2508	1	WPPSS		1909	5
2509	1	WPPSS		1915	3
2510	1	WPPSS		1915	7
2511	1	WPPSS		1915	8
2512	1	WPPSS		1915	8
2513	1	WPPSS		1918	5
2514	1	WPPSS		1920	10
2515	1	WPPSS		1926	12
2516	1	WPPSS		1927	1
2517	1	N-Vic		1869	6
2517	2	N-Vic		1869	6

day	hour	min	sec	AMPM	time type
27	8	30		P	
14	9	40		P	
9					
20					
7	5	45		P	
12	9			P	
16	7			P	
20	3	15		P	
17	2	55		P	
14	7	30		P	
30	10			P	
25				A	
26					
26	7			A	
28	5			A	
28	7	30		P	
18	7	30		P	
4	4			A	
4	5	38		A	
19	10	45		P	
23	3	44		A	
6	3	30		P	
23					
18	6	28		A	
18	7	48		A	
18	7	51		A	
18	2			P	
6	11	25		P	
3	12	38	30		
13	1	20		A	
1	1			P	
4	8			P	
9				A	
19	2	30		P	
19	6				G
17	20	20			G
21	13	0			G
24	17	20			G
5	5	10			G
18	20	54			G
18	14	4			G
18	18	0			G
7	21	15			G
7	10	0			G
30	17	57			G
3	4	58			G
27					P
20				P	

dayofweek	lat	lattype	long	lontype	prec
		N		W	
		N		W	
		N		W	
		N		W	
Saturday		N		W	
		N		W	
		N		W	
		N		W	
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		N		W	
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		N		W	
Thursday		N		W	
Friday		N		W	
		N		W	
		N		W	
		N		W	
		N		W	
		N		W	
Tuesday		N		W	
Sunday		N		W	
Sunday		N		W	
		N		W	
		N		W	
Wednesday		N		W	
Wednesday		N		W	
Sunday		N		W	
Friday		N		W	
Sunday		N		W	
Sunday		N		W	
Sunday		N		W	
Sunday		N		W	
		N		W	
		N		W	
		N		W	
Sunday		N		W	
Saturday		N		W	
		N		W	
		N		W	
		N		W	
		N		W	
		N		W	
		N		W	
	47.6	N	120	W	
		N		W	
		N		W	
	49	N	120.4	W	
	48.5	N	121.4	W	
	48.1	N	121.38	W	
		N		W	
		N		W	
		N		W	
Sunday		N		W	
		N		W	

depth	depthu	depthprec	feltpl	feltst	int
			Mount Olympus	WA	
			Mount Hood	OR	
			Seattle	WA	
			Puget Sound	WA	
			Puget Sound	WA	
			Tacoma	WA	
			Tacoma	WA	
			Olympia	WA	
			Tacoma	WA	
			Puget Sound	WA	
			Mt. Tacoma	WA	
			Samish	WA	
			Tacoma	WA	
			Mt. Tacoma	WA	
			Puyallup Valley	WA	
			Tacoma		
			Tacoma	WA	
			Mt. Hozomeen	WA	
			Tacoma	WA	
			Vernon	B.C.	
			Chilliwack	B.C.	
			Grand Forks	B.C.	
			Hope	B.C.	
			South Central	B.C.	
			Penticton	B.C.	
			Naramata	B.C.	
			Penticton	B.C.	
			Thorne's Creek (Ft	B.C.	
			Victoria	B.C.	
			Victoria	B.C.	
			Victoria	B.C.	
			New Westminster	B.C.	
			Victoria	B.C.	
			Port Haney	B.C.	
			Victoria	B.C.	
			Victoria	B.C.	
			Chilliwack	B.C.	
			Victoria	B.C.	
			Nanaimo	B.C.	
			Victoria	B.C.	
			Bella Coola	B.C.	
			Victoria	B.C.	
			Nelson	B.C.	
			Victoria	B.C.	
			Chelan	WA	V
			Chelan	WA	V
			Chelan	WA	IV
			Douglas	WA	V
			Lakeside	WA	IV
			Lakeside	WA	IV
			Marblemount	WA	VII
					V
			N. Fork Sauk R.	WA	IV
			Waterville	WA	V
			Chelan	WA	VI
			Leavenworth	WA	V
			Victoria	B.C.	
			Swantown/Olymp	WA	

inttype	far	fari	faru	mag	magtype

magcom	evno
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	557
	74
	71

ID	strec	sid	qcom	year	month
2517	3	N-Vic		1869	6
2517	4	N-Vic		1869	6
2518	1	N-Ore		1869	6
2518	2	N-Ore		1869	6
2518	3	N-Ore		1869	6
2519	1	N-Ore		1869	6
2520	1	N-Ore		1885	6
2521	1	N-WaS		1885	5
2522	1	N-Ore		1873	10
2522	2	N-Ore		1873	10
2523	1	N-Ore		1911	9
2524	1	N-Vic		1870	12
2525	1	N-Vic		1880	12
2526	1	N-WA		1880	12
2527	1	HOLD2		1892	3
2528	1	N-WaS		1894	1
2529	1	N-WA		1894	1
2530	1	N-WA		1892	4
2531	1	N-Ore		1891	9
2532	1	N-WaS		1892	4
2532	2	N-WaS		1892	4
2532	3	N-WaS		1892	4
2532	4	N-WaS		1892	4
2533	1	HOLD2		1833	6
2534	1	USEQS		1873	11
2535	1	USEQS		1899	4
2536	1	USEQS		1922	1
2537	1	USEQS		1923	1
2538	1	MWR		1923	1
2539	1	MISC		1873	11
2540	1	MISC		1899	4
2541	1	MISC		1922	1
2542	1	MISC		1923	1
2543	1	N-WA		1905	10
2544	1	N-WaS		1906	4
2545	1	N-WaS		1897	9
2546	1	N-Ore		1914	9
2547	1	N-Ore		1927	4
2547	2	N-Ore		1927	4
2547	3	N-Ore		1927	4
2547	4	N-Ore		1927	4
2548	1	WPPSS		1899	9

day	hour	min	sec	AMPM	time type
22	4	55		A	
21					
27	8			P	
27	11	59		P	
22					
22	5			A	
27	2	15		A	
3				A	
19	2			P	
19	4			P	
28	6	39		P	
20	4			A	
8				A	
	21	30			
14	3	30		A	
14	3	30		A	
17	2	50		P	
22	4	10		A	
17	2	45		P	
19	3			A	
20	3			A	
21	9	42		A	
29	13	40		0	
22	21	0			P
16	2	41			P
31	5	17			P
22	1	4			P
11	4	30			G
23	5	0			G
16	13	40			G
31	13	17			G
22	9	4			G
16	11			P	
6	2			A	
8	9			P	
8	11	59		P	
7	6			A	
7	2			A	
10					

dayofweek	lat	lattype	long	lontype	prec
Tuesday		N		W	
Monday		N		W	
		N		W	
		N		W	
Tuesday		N		W	
		N		W	
		N		W	
		N		W	
Sunday		N		W	
Sunday		N		W	
		N		W	
		N		W	
		N		W	
		N		W	
		N		W	
Sunday		N		W	
		N		W	
		N		W	
		N		W	
Sunday		N		W	
Tuesday		N		W	
Wednesday		N		W	
		N		W	
		N		W	
	42	N	124	W	1 degree
	41	N	124	W	
	41	N	125.5	W	.5 degree
	40.5	N	124.5	W	.5 degree
	41.5	N	120.05	W	.05 degrees
	42	N	124	W	1 degree
		N		W	
	41	N	125.5	W	.5 degree
	40.5	N	1245	W	,5 degree
		N		W	
		N		W	
		N		W	
		N		W	
		N		W	
		N		W	
		N		W	
		N		W	
		N		W	

depth	depthu	depthprec	feltpl	feltst	int
			Puget Sound	WA	
			Cowlitz River	WA	
			Seattle/Olympia	WA	
			Olympia	WA	
			Olympia	WA	
			Seattle	WA	
			Olympia	WA	
			Sprague	WA	
			Seattle	WA	
			Smoke at Mt. Rai	WA	
			Bellingham	WA	
			Victoria	B.C.	
			Hat Camp	WA	
			Puget Sound	WA	
			Kalama	WA	
			Olympia	WA	
			Olympia	WA	
			Portland	OR	
			Portland	OR	
			Olympia	WA	
			Vacaville	CA	
			Vacaville	CA	
			San Francisco	CA	
			Fort Nisqually	WA	II
			Del Norte County	CA	VII
			Eureka	CA	
			Eureka	CA	VI
			off Cape Mendo	CA	VII
			Cedarville	CA	
			Crescent City	CA	
			west of Eureka	CA	
			west of Eureka	CA	
			Cape Mendocino	CA	
			Chelan	WA	
			Marshfield	OR	
			Olympia	WA	
			Castle Rock	WA	
			Halfway	OR	
			Halfway	OR	
			Halfway	OR	
			Halfway	OR	
			Chelan	WA	

inttype	far	fari	faru	mag	magtype
RF					
MM	70000		mi2		
MM	400000		mi2	7.6	U
MM					
				6.7	MI
				7	MS
				7.3	G-R
				7.2	G-R

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	73
	71
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	73
	179
	175
	107
	107
	370
	81
	144
	146
	223
	240
	240
	226
	208
	226
	5
	109
	287
	483
	499
	496
	109
magnitudes rang	287
	483
Magnitudes rang	499
	318
	327
	268
	393
	560
	561
	563
	562
	289