

## APPENDIX C

### Return Statistics

This appendix contains "return statistics" for each of the precipitation event characteristics at each of three sites (Portland, Salem, and Eugene, Oregon). These statistics can be used to obtain an indication of the types of precipitation events that are likely to occur once per year, twice per year, three times per year, and so on. The return period statistics are formulated by (1) sorting the events in order of decreasing (or increasing, in the case of hours between events) value of the characteristic of interest; and (2) selecting and printing the characteristics for every 31st event. That is, the value of the characteristic of interest for the 31st event represents the value of that characteristic that is expected to occur only once per year, the value for the 62nd event represents the value that is expected to occur only twice per year, ..., the value of the characteristic for the 620th event represents the value that is expected to occur 20 times per year, and so on. The tables of return statistics are organized according to the characteristic, with separate tables for each site. An index listing the location of each table is given in the table of contents for the appendices (p. 79).

RETURN STATISTICS AT PORTLAND  
SORTED BY DURATION

	DATE							MAGNITUDE	MAGNITUDE	MAGNITUDE	MAGNITUDE		
	EVENT ENDED	HOUR	DURATION	MAGNITUDE	AVERAGE	HOURS SINCE	MAXIMUM	LAST	LAST	LAST	YEAR		
			(HOURS)	(IN X 100)	INTENSITY	LAST EVENT	INTENSITY	12 HRS	48 HRS	168 HRS	SO FAR		
					(IN/HR X 100)		(IN/HR X 100)	(IN X 100)	(IN X 100)	(IN X 100)	(IN X 100)		
1	FEBRUARY	24	1979	19	55	133	2.4	8	16	10	13	97	1386
2	FEBRUARY	11	1961	1	47	290	6.2	11	18	0	49	155	2083
3	APRIL	20	1965	5	42	170	4.0	8	14	2	2	11	2862
4	MARCH	6	1961	16	38	99	2.6	25	11	0	13	113	2778
5	FEBRUARY	9	1960	10	35	129	3.7	25	23	0	92	176	1558
6	DECEMBER	19	1961	12	33	117	3.5	7	16	3	97	172	976
7	JANUARY	15	1975	5	32	68	2.1	15	6	0	201	274	1952
8	APRIL	2	1974	5	30	39	1.3	6	6	26	85	275	4339
9	JANUARY	7	1956	7	28	107	3.8	29	17	0	85	441	2849
10	JANUARY	5	1975	23	27	57	2.1	9	12	1	118	159	1620
11	JANUARY	24	1956	7	26	49	1.9	7	14	6	48	163	3421
12	NOVEMBER	18	1962	3	25	25	1.0	16	5	0	43	205	721
13	DECEMBER	1	1966	19	24	38	1.6	6	10	4	48	68	845
14	DECEMBER	24	1961	5	23	59	2.6	8	22	18	24	377	1256
15	NOVEMBER	22	1961	5	22	164	7.5	7	20	3	3	29	418
16	DECEMBER	21	1961	7	21	139	6.6	22	26	0	98	279	1093
17	MARCH	27	1954	14	21	28	1.3	49	6	0	0	12	3366
18	FEBRUARY	16	1959	19	20	46	2.3	31	12	0	71	227	2313
19	DECEMBER	23	1972	21	19	86	4.5	11	10	0	125	467	1068
20	OCTOBER	26	1971	17	19	27	1.4	65	11	0	0	114	183
21	MAY	20	1960	3	18	66	3.7	42	12	0	8	81	2767
22	APRIL	11	1979	3	18	28	1.6	16	5	0	28	33	1885
23	DECEMBER	4	1956	7	17	37	2.2	358	15	0	0	0	657
24	NOVEMBER	4	1969	19	16	187	11.7	113	35	0	0	9	302
25	APRIL	23	1953	1	16	40	2.5	131	20	0	0	7	2990
26	DECEMBER	4	1977	12	16	16	1.0	25	4	0	178	221	963
27	MARCH	18	1949	7	15	45	3.0	7	10	12	52	88	1677
28	APRIL	16	1971	19	15	25	1.7	106	8	0	0	111	3369
29	NOVEMBER	8	1962	8	14	73	5.2	54	22	0	0	79	410
30	APRIL	13	1977	12	14	32	2.3	78	19	0	0	25	1094
31	MARCH	14	1955	12	14	20	1.4	7	7	12	44	59	2004
32	DECEMBER	6	1950	5	13	94	7.2	37	16	0	27	149	1647
33	JANUARY	25	1967	8	13	26	2.0	30	6	0	1	128	1898
34	FEBRUARY	8	1975	17	13	10	.8	26	3	0	23	65	2400
35	JANUARY	21	1970	5	12	48	4.0	8	15	9	145	385	2092
36	OCTOBER	25	1967	5	12	25	2.1	38	11	0	18	85	302
37	MARCH	26	1956	16	12	11	.9	8	3	13	81	181	4258
38	FEBRUARY	3	1968	14	11	41	3.7	9	8	25	131	244	1763
39	OCTOBER	17	1965	10	11	23	2.1	29	7	0	29	106	155
40	FEBRUARY	5	1966	17	11	13	1.2	12	4	0	6	57	2081
41	DECEMBER	14	1962	3	10	65	6.5	188	14	0	0	0	1299
42	DECEMBER	4	1950	2	10	27	2.7	11	11	0	40	178	1620
43	MARCH	6	1969	17	10	18	1.8	10	12	4	18	42	3354
44	MARCH	25	1972	10	10	8	.8	16	3	0	13	122	3109
45	MARCH	2	1950	19	9	42	4.7	6	7	4	4	198	2868
46	JANUARY	12	1953	19	9	25	2.8	7	7	8	103	424	1416
47	NOVEMBER	7	1975	17	9	15	1.7	7	9	6	45	55	531
48	OCTOBER	10	1961	23	9	10	1.1	10	5	7	37	65	65
49	MAY	8	1962	14	8	45	5.6	34	20	0	23	74	2665
50	JANUARY	31	1953	16	8	27	3.4	14	7	0	6	179	2148

RETURN STATISTICS AT PORTLAND  
SORTED BY DURATION

DATE EVENT ENDED	HOUR	DURATION (HOURS)	MAGNITUDE (IN X 100)	AVERAGE INTENSITY (IN/HR X 100)	HOURS SINCE LAST EVENT	MAXIMUM INTENSITY (IN/HR X 100)	MAGNITUDE LAST 12 HRS (IN X 100)	MAGNITUDE LAST 48 HRS (IN X 100)	MAGNITUDE LAST 168 HRS (IN X 100)	MAGNITUDE YEAR SO FAR (IN X 100)	
51 APRIL	11 1976	1	8	19	2.4	45	5	0	3	61	2919
52 APRIL	25 1960	21	8	11	1.4	22	5	0	17	149	2573
53 APRIL	2 1964	10	8	5	.6	12	2	0	19	19	2499
54 OCTOBER	5 1975	19	7	31	4.4	35	12	0	6	42	42
55 OCTOBER	23 1952	22	7	20	2.9	72	6	0	0	3	3
56 MAY	22 1978	19	7	14	2.0	166	9	0	0	2	3282
57 DECEMBER	6 1948	7	7	10	1.4	11	6	0	40	192	567
58 FEBRUARY	19 1974	12	7	7	1.0	11	3	0	89	208	3559
59 FEBRUARY	28 1979	21	7	3	.4	10	1	6	24	199	1575
60 OCTOBER	31 1976	7	6	29	4.8	58	15	0	0	44	98
61 MAY	27 1976	8	6	18	3.0	62	7	0	0	16	3188
62 MARCH	13 1949	8	6	13	2.2	143	5	0	0	2	1589
63 JANUARY	14 1954	21	6	9	1.5	6	3	24	28	41	2073
64 MAY	13 1952	8	6	5	.8	9	2	1	3	53	3097
65 JANUARY	2 1959	3	6	3	.5	12	1	0	15	106	1297
66 MARCH	1 1973	1	5	28	5.6	10	12	1	1	96	1881
67 OCTOBER	12 1966	19	5	16	3.2	8	12	23	23	43	54
68 MAY	27 1977	14	5	10	2.0	6	6	3	26	46	1494
69 JANUARY	3 1973	7	5	8	1.6	8	2	2	16	49	1360
70 MAY	25 1973	17	5	5	1.0	17	3	0	85	96	2421
71 MARCH	18 1953	19	5	3	.6	6	1	18	40	143	2716
72 NOVEMBER	14 1967	1	4	18	4.5	53	11	0	0	108	580
73 OCTOBER	16 1979	17	4	12	3.0	38	8	0	13	29	29
74 DECEMBER	11 1973	7	4	10	2.5	89	3	0	0	93	1575
75 DECEMBER	5 1962	21	4	7	1.8	57	3	0	0	117	1292
76 OCTOBER	8 1957	12	4	5	1.3	35	2	0	4	156	156
77 MAY	11 1962	17	4	4	1.0	44	1	0	12	96	2728
78 MAY	9 1956	19	3	45	15.0	43	30	0	38	88	4457
79 JANUARY	18 1972	21	3	12	4.0	8	6	20	71	78	1877
80 MAY	18 1959	14	3	8	2.7	20	4	0	24	141	3119
81 MARCH	12 1973	17	3	6	2.0	33	3	0	2	46	2010
82 NOVEMBER	29 1975	5	3	4	1.3	24	2	0	23	87	788
83 FEBRUARY	20 1979	17	3	3	1.0	25	2	0	19	90	1373
84 JANUARY	14 1952	22	3	2	.7	8	1	10	21	100	1884
85 APRIL	6 1950	18	2	16	8.0	24	11	0	15	37	3368
86 DECEMBER	25 1959	10	2	9	4.5	6	8	2	36	40	974
87 MARCH	30 1966	14	2	7	3.5	231	5	0	0	0	2709
88 DECEMBER	1 1960	1	2	5	2.5	146	4	0	0	231	1098
89 APRIL	1 1978	17	2	4	2.0	55	3	0	0	7	2644
90 APRIL	6 1962	3	2	4	2.0	28	2	0	42	42	2318
91 MAY	19 1957	14	2	3	1.5	35	2	0	58	92	2761
92 MARCH	5 1972	7	2	3	1.5	7	2	8	19	243	2741
93 FEBRUARY	26 1952	1	2	2	1.0	7	1	23	32	84	2489
94 OCTOBER	25 1973	7	2	2	1.0	17	1	0	13	125	257
95 DECEMBER	3 1962	0	2	2	1.0	7	1	3	26	160	1289
96 MARCH	18 1976	23	1	9	9.0	7	9	30	39	112	2678
97 MAY	25 1953	19	1	5	5.0	43	5	0	10	90	3359
98 MARCH	9 1957	14	1	3	3.0	8	3	16	137	360	2026
99 JANUARY	17 1969	7	1	3	3.0	12	3	0	36	227	2824
100 APRIL	28 1976	14	1	2	2.0	67	2	0	0	70	3085

RETURN STATISTICS AT PORTLAND  
SORTED BY DURATION

DATE EVENT ENDED	HOUR	DURATION (HOURS)	MAGNITUDE (IN X 100)	AVERAGE INTENSITY (IN/HR X 100)	HOURS SINCE LAST EVENT	MAXIMUM INTENSITY (IN/HR X 100)	MAGNITUDE LAST 12 HRS (IN X 100)	MAGNITUDE LAST 48 HRS (IN X 100)	MAGNITUDE LAST 168 HRS (IN X 100)	MAGNITUDE SO FAR (IN X 100)	
101 APRIL	3	1955 14	1	2	2.0	22	2	0	15	113	2253
102 OCTOBER	20	1971 7	1	2	2.0	10	2	2	99	135	135
103 MAY	1	1951 3	1	2	2.0	24	2	0	3	114	3971
104 OCTOBER	10	1949 5	1	1	1.0	7	1	8	11	167	167
105 FEBRUARY	27	1977 1	1	1	1.0	6	1	2	24	137	627
106 APRIL	12	1966 10	1	1	1.0	9	1	6	26	41	2758
107 DECEMBER	1	1973 5	1	1	1.0	12	1	0	12	141	1469
108 MAY	11	1957 10	1	1	1.0	59	1	0	0	39	2668
109 OCTOBER	27	1971 5	1	1	1.0	12	1	0	27	75	210
110 DECEMBER	3	1962 8	1	1	1.0	8	1	2	28	124	1291
111 NOVEMBER	1	1975 19	1	1	1.0	8	1	1	1	177	477
112 MARCH	31	1953 7	1	1	1.0	15	1	0	18	96	2927
113 APRIL	25	1976 3	1	1	1.0	24	1	0	49	99	3075
114 MARCH	3	1950 2	1	1	1.0	6	1	28	46	174	2910
115 JANUARY	7	1967 12	1	1	1.0	19	1	0	28	148	1678
116 NOVEMBER	30	1958 8	1	1	1.0	23	1	0	5	10	786
117 NOVEMBER	23	1953 21	1	1	1.0	19	1	0	109	264	888

RETURN STATISTICS AT SALEM  
SORTED BY DURATION

DATE EVENT ENDED	HOUR	DURATION (HOURS)	MAGNITUDE (IN X 100)	AVERAGE INTENSITY (IN/HR X 100)	HOURS SINCE LAST EVENT	MAXIMUM INTENSITY (IN/HR X 100)	MAGNITUDE LAST 12 HRS (IN X 100)	MAGNITUDE LAST 48 HRS (IN X 100)	MAGNITUDE LAST 168 HRS (IN X 100)	MAGNITUDE YEAR SO FAR (IN X 100)
1 APRIL	25 1975	12	68	1.22	85	10	0	0	38	3134
2 APRIL	13 1955	1	55	216	10	21	4	21	21	2382
3 OCTOBER	31 1956	10	48	122	6	15	5	24	175	493
4 DECEMBER	1 1955	17	44	84	24	16	0	13	262	1391
5 MARCH	21 1975	14	40	49	6	12	6	119	233	2913
6 JANUARY	20 1967	23	37	119	78	14	0	0	51	1709
7 DECEMBER	6 1953	3	35	150	7	49	7	65	114	1085
8 NOVEMBER	24 1964	19	33	130	12	11	0	43	43	476
9 JANUARY	25 1960	0	32	41	8	8	12	46	154	1087
10 APRIL	16 1963	14	30	31	10	7	5	78	116	3173
11 DECEMBER	10 1966	10	28	78	27	12	0	24	389	1234
12 FEBRUARY	5 1953	17	27	68	8	10	5	70	136	2759
13 DECEMBER	14 1964	21	26	54	20	14	0	2	122	1137
14 JANUARY	15 1969	17	25	57	9	8	1	72	337	2915
15 JANUARY	19 1960	10	24	71	30	5	0	46	94	1004
16 FEBRUARY	4 1950	11	23	58	107	11	0	0	38	2532
17 DECEMBER	5 1949	15	22	87	66	10	0	23	88	840
18 DECEMBER	14 1969	10	21	99	7	20	7	168	309	1099
19 JANUARY	12 1971	21	21	23	10	4	6	83	136	2153
20 NOVEMBER	14 1960	8	20	48	6	17	10	45	145	435
21 DECEMBER	26 1964	7	19	65	8	11	18	115	784	1992
22 DECEMBER	16 1973	12	18	166	10	15	3	44	306	2253
23 NOVEMBER	22 1975	21	18	41	33	16	0	2	93	969
24 MARCH	1 1961	19	17	79	39	20	0	18	156	3106
25 MARCH	2 1963	7	17	26	12	5	0	10	57	2225
26 APRIL	27 1953	7	16	56	6	11	16	23	38	3717
27 OCTOBER	11 1959	14	16	27	9	7	10	30	57	57
28 APRIL	14 1963	12	15	69	27	9	0	32	79	3095
29 FEBRUARY	16 1950	2	15	29	12	5	0	30	143	2894
30 JANUARY	19 1970	17	14	75	6	16	11	117	424	2286
31 NOVEMBER	19 1963	5	14	31	14	7	0	29	212	900
32 DECEMBER	22 1975	5	14	16	125	3	0	0	26	1514
33 FEBRUARY	7 1950	3	13	45	9	13	1	59	117	2649
34 MAY	21 1949	2	13	19	8	8	2	12	24	3766
35 DECEMBER	4 1979	12	12	86	22	20	0	113	184	1171
36 NOVEMBER	5 1958	3	12	27	13	11	0	19	72	244
37 MAY	31 1976	10	12	12	8	3	2	27	46	3690
38 FEBRUARY	23 1976	10	11	36	83	6	0	0	136	2564
39 MARCH	26 1949	10	11	17	17	6	0	7	96	3441
40 MARCH	21 1973	0	11	7	15	1	0	74	110	2304
41 DECEMBER	30 1952	7	10	36	8	9	27	94	110	1061
42 APRIL	12 1961	5	10	20	237	8	0	0	0	3926
43 OCTOBER	30 1955	10	10	12	8	3	13	41	208	660
44 OCTOBER	7 1960	1	9	51	13	36	0	28	28	28
45 MARCH	12 1959	3	9	25	45	5	0	1	21	3050
46 JANUARY	25 1968	21	9	14	96	5	0	0	44	1791
47 JANUARY	4 1950	3	9	8	32	3	0	1	116	1373
48 MAY	3 1962	10	8	36	34	9	0	3	203	2803
49 FEBRUARY	17 1972	7	8	23	14	6	0	39	82	2655
50 FEBRUARY	16 1969	1	8	16	12	4	0	7	183	3517

RETURN STATISTICS AT SALEM  
SORTED BY DURATION

	DATE	HOUR	DURATION	MAGNITUDE	AVERAGE	HOURS SINCE	MAXIMUM	MAGNITUDE	MAGNITUDE	MAGNITUDE	MAGNITUDE
	EVENT ENDED		(HOURS)	(IN X 100)	(IN/HR X 100)	LAST EVENT	INTENSITY	LAST 12 HRS	LAST 48 HRS	LAST 168 HRS	LAST YEAR SO FAR
							(IN/HR X 100)	(IN X 100)	(IN X 100)	(IN X 100)	(IN X 100)
51	OCTOBER	6 1962	5	8	10	1.3	75	4	0	32	32
52	FEBRUARY	14 1956	17	8	5	.6	15	2	0	38	3993
53	DECEMBER	5 1970	7	7	31	4.4	27	10	0	232	1204
54	OCTOBER	26 1966	12	7	19	2.7	79	4	0	108	143
55	APRIL	5 1969	7	7	13	1.9	17	4	0	21	3790
56	MAY	14 1952	2	7	7	1.0	12	4	0	4	3665
57	MARCH	9 1960	12	7	4	.6	10	1	4	132	2135
58	OCTOBER	28 1963	7	6	50	8.3	72	18	0	203	262
59	FEBRUARY	15 1978	7	6	21	3.5	7	9	12	12	2576
60	FEBRUARY	9 1957	8	6	14	2.3	10	5	4	54	1392
61	MAY	7 1953	14	6	10	1.7	9	4	13	21	3828
62	JANUARY	17 1950	17	6	7	1.2	26	2	0	24	147
63	DECEMBER	15 1972	17	6	3	.5	74	1	0	0	18
64	APRIL	9 1964	14	5	24	4.8	91	7	0	0	9
65	MAY	6 1961	17	5	17	3.4	9	10	2	13	108
66	NOVEMBER	11 1953	21	5	13	2.6	27	5	0	17	87
67	APRIL	27 1950	10	5	8	1.6	13	4	0	8	12
68	MARCH	25 1955	21	5	6	1.2	7	2	1	37	74
69	NOVEMBER	15 1969	10	5	3	.6	208	1	0	0	0
70	APRIL	23 1968	7	4	23	5.8	86	7	0	0	19
71	FEBRUARY	15 1951	7	4	14	3.5	79	8	0	0	118
72	MARCH	25 1952	0	4	10	2.5	12	6	0	70	93
73	NOVEMBER	1 1961	7	4	8	2.0	105	4	0	0	133
74	FEBRUARY	28 1972	3	4	5	1.3	10	4	11	99	264
75	MARCH	28 1979	3	4	3	.8	11	1	0	42	42
76	OCTOBER	18 1958	10	3	46	15.3	15	27	0	22	22
77	JANUARY	6 1975	17	3	12	4.0	14	7	0	57	159
78	APRIL	1 1959	14	3	8	2.7	23	4	0	7	225
79	APRIL	16 1964	14	3	6	2.0	21	4	0	5	36
80	APRIL	9 1974	14	3	4	1.3	9	2	14	29	67
81	APRIL	27 1960	21	3	3	1.0	41	1	0	6	45
82	NOVEMBER	26 1973	3	3	2	.7	6	1	5	53	340
83	MAY	23 1951	0	2	10	5.0	235	6	0	0	0
84	JANUARY	14 1962	14	2	7	3.5	44	4	0	18	20
85	MAY	13 1955	5	2	5	2.5	276	4	0	0	0
86	OCTOBER	20 1952	16	2	4	2.0	3686	3	0	0	0
87	APRIL	30 1961	5	2	3	1.5	8	2	28	84	89
88	OCTOBER	21 1967	19	2	3	1.5	10	2	18	72	84
89	OCTOBER	16 1964	10	2	3	1.5	17	2	0	14	19
90	APRIL	22 1950	11	2	2	1.0	134	1	0	0	19
91	FEBRUARY	6 1970	21	2	2	1.0	7	1	29	111	149
92	JANUARY	16 1962	19	2	2	1.0	51	1	0	0	27
93	NOVEMBER	8 1965	14	1	7	7.0	9	7	1	39	164
94	DECEMBER	21 1973	17	1	4	4.0	7	4	3	193	467
95	MARCH	10 1952	21	1	3	3.0	13	3	0	33	49
96	MARCH	30 1958	17	1	2	2.0	11	2	0	29	62
97	MARCH	28 1977	10	1	2	2.0	8	2	2	15	64
98	NOVEMBER	18 1962	10	1	2	2.0	10	2	5	19	129
99	APRIL	5 1953	3	1	2	2.0	133	2	0	0	21
100	APRIL	1 1957	8	1	1	1.0	15	1	0	70	137

RETURN STATISTICS AT SALEM  
SORTED BY DURATION

DATE EVENT ENDED	HOUR	DURATION (HOURS)	MAGNITUDE (IN X 100)	AVERAGE INTENSITY (IN/HR X 100)	HOURS SINCE LAST EVENT	MAXIMUM INTENSITY (IN/HR X 100)	MAGNITUDE LAST 12 HRS (IN X 100)	MAGNITUDE LAST 48 HRS (IN X 100)	MAGNITUDE LAST 168 HRS (IN X 100)	MAGNITUDE YEAR SO FAR (IN X 100)
101 NOVEMBER	2 1978	17	1	1.0	97	1	0	0	33	37
102 OCTOBER	8 1966	7	1	1.0	25	1	0	7	9	9
103 MAY	30 1971	12	1	1.0	101	1	0	0	75	4368
104 DECEMBER	9 1950	11	1	1.0	9	1	5	6	240	2324
105 DECEMBER	9 1976	1	1	1.0	7	1	19	34	34	298
106 MAY	15 1962	16	1	1.0	69	1	0	0	27	2949
107 MARCH	26 1970	5	1	1.0	241	1	0	0	0	3672
108 DECEMBER	3 1962	3	1	1.0	6	1	21	59	168	1368
109 MAY	10 1956	17	1	1.0	11	1	0	21	63	5210
110 JANUARY	2 1967	5	1	1.0	14	1	0	13	20	1533
111 MARCH	11 1952	10	1	1.0	13	1	0	23	49	3322
112 JANUARY	14 1963	16	1	1.0	134	1	0	0	1	1674

RETURN STATISTICS AT EUGENE  
SORTED BY DURATION

	DATE								MAGNITUDE	MAGNITUDE	MAGNITUDE	MAGNITUDE
	EVENT ENDED	HOUR	DURATION	MAGNITUDE	AVERAGE	HOURS SINCE	MAXIMUM		LAST	LAST	LAST	YEAR
			(HOURS)	(IN X 100)	(IN/HR X 100)	LAST EVENT	INTENSITY		12 HRS	48 HRS	168 HRS	SO FAR
							(IN/HR X 100)		(IN X 100)	(IN X 100)	(IN X 100)	(IN X 100)
1	NOVEMBER	24 1961	7	69	9.4	79	31	0	0		24	571
2	JANUARY	12 1973	19	55	4.1	33	24	0	4		11	1621
3	NOVEMBER	5 1973	14	48	6.6	46	28	0	3		95	243
4	MARCH	30 1960	19	43	4.4	8	39	4	35		55	2539
5	JANUARY	9 1970	21	39	4.7	18	18	0	1		18	1882
6	DECEMBER	17 1972	19	36	6.7	19	24	0	1		11	625
7	NOVEMBER	1 1955	5	34	3.8	6	21	25	38		98	547
8	MAY	17 1972	5	32	8.2	7	31	2	2		2	5471
9	JANUARY	15 1970	7	31	1.7	15	9	0	52		252	2133
10	NOVEMBER	11 1957	5	29	2.1	48	12	0	0		1	314
11	OCTOBER	27 1975	21	27	2.9	11	18	0	101		207	375
12	NOVEMBER	24 1973	7	26	2.6	11	14	0	28		279	1874
13	JANUARY	14 1961	8	25	1.3	8	7	15	44		159	1937
14	JANUARY	5 1975	12	23	6.2	12	22	0	118		151	1847
15	FEBRUARY	17 1979	1	22	4.1	13	27	0	2		214	1838
16	DECEMBER	4 1975	16	21	14.2	21	50	0	6		344	1457
17	MAY	31 1976	8	21	1.6	17	8	0	16		36	4748
18	APRIL	19 1961	3	20	1.7	32	13	0	3		18	4231
19	JANUARY	10 1975	5	19	3.4	15	17	0	106		402	2131
20	DECEMBER	14 1970	21	18	4.8	21	28	0	4		47	1599
21	MARCH	2 1964	16	18	1.5	6	9	8	55		68	2943
22	OCTOBER	14 1968	21	17	2.9	20	14	0	52		266	279
23	NOVEMBER	22 1979	19	16	8.1	78	22	0	0		181	1083
24	JANUARY	4 1965	10	16	2.1	7	9	22	107		332	3379
25	JANUARY	2 1953	1	15	4.9	12	16	0	8		111	970
26	APRIL	26 1959	5	15	2.4	257	5	0	0		0	3570
27	JANUARY	29 1958	7	14	11.6	7	32	26	91		201	2500
28	FEBRUARY	13 1950	10	14	3.1	13	7	0	12		129	2774
29	JANUARY	30 1974	16	14	.6	23	2	0	3		46	4618
30	FEBRUARY	9 1971	21	13	2.6	109	18	0	0		104	3598
31	OCTOBER	31 1971	10	13	.8	11	2	0	36		62	322
32	JANUARY	19 1956	14	12	3.2	22	11	0	32		335	4137
33	JANUARY	9 1976	5	12	1.4	12	7	0	392		725	2853
34	NOVEMBER	11 1971	19	11	5.2	12	27	0	131		194	559
35	OCTOBER	10 1956	21	11	2.5	12	5	0	32		32	32
36	JANUARY	1 1967	8	11	1.1	148	8	0	0		7	1924
37	DECEMBER	6 1974	16	10	6.4	41	35	0	4		54	855
38	NOVEMBER	17 1963	12	10	2.9	42	5	0	6		198	879
39	NOVEMBER	28 1961	10	10	.8	6	6	7	33		682	1253
40	NOVEMBER	4 1955	10	9	4.9	47	9	0	0		169	678
41	NOVEMBER	24 1950	8	9	2.6	12	5	0	1		232	2058
42	MARCH	29 1949	21	9	1.3	38	5	0	22		59	3173
43	MAY	3 1962	10	8	8.8	33	14	0	2		215	3711
44	DECEMBER	30 1979	8	8	4.1	33	16	0	4		48	2062
45	APRIL	31 1966	0	8	2.1	28	7	0	0		0	3665
46	OCTOBER	7 1961	7	8	1.3	8	5	4	4		4	4
47	MARCH	24 1955	19	8	.8	6	1	1	23		91	1980
48	MARCH	28 1979	1	7	5.9	8	8	12	47		47	2497
49	MARCH	13 1961	10	7	2.7	6	9	23	61		265	3904
50	OCTOBER	4 1955	21	7	1.7	20	5	0	13		13	13



RETURN STATISTICS AT EUGENE  
SORTED BY DURATION

DATE EVENT ENDED	HOUR	DURATION (HOURS)	MAGNITUDE (IN X 100)	AVERAGE INTENSITY (IN/HR X 100)	HOURS SINCE LAST EVENT	MAXIMUM INTENSITY (IN/HR X 100)	MAGNITUDE LAST 12 HRS (IN X 100)	MAGNITUDE LAST 48 HRS (IN X 100)	MAGNITUDE LAST 168 HRS (IN X 100)	MAGNITUDE YEAR SO FAR (IN X 100)	
51 MARCH	12 1953	14	7	6	.9	9	3	1	46	65	2693
52 JANUARY	8 1951	15	7	2	.3	21	1	0	7	142	2804
53 NOVEMBER	4 1970	10	6	23	3.8	228	10	0	0	0	430
54 MAY	10 1967	17	6	14	2.3	25	5	0	78	78	3850
55 FEBRUARY	24 1951	19	6	7	1.2	75	2	0	0	49	4046
56 APRIL	15 1950	18	6	3	.5	17	1	0	2	82	3733
57 NOVEMBER	1 1956	3	5	26	5.2	15	12	0	123	482	825
58 OCTOBER	30 1948	19	5	15	3.0	47	4	0	0	26	178
59 FEBRUARY	28 1953	3	5	10	2.0	130	3	0	0	2	2614
60 NOVEMBER	9 1970	12	5	5	1.0	11	2	0	47	140	570
61 JANUARY	26 1952	7	5	2	.4	43	1	0	5	204	2600
62 MARCH	27 1949	22	4	22	5.5	29	9	0	27	53	3151
63 OCTOBER	10 1975	19	4	14	3.5	65	6	0	0	120	123
64 MAY	22 1961	21	4	10	2.5	52	6	0	0	4	4604
65 APRIL	20 1949	6	4	7	1.8	12	3	0	10	10	3195
66 APRIL	11 1972	3	4	5	1.3	43	2	0	4	332	5271
67 JANUARY	25 1960	0	4	3	.8	9	1	0	4	32	991
68 FEBRUARY	24 1956	16	3	24	8.0	12	10	0	31	374	4819
69 DECEMBER	7 1958	5	3	14	4.7	21	6	0	13	30	1051
70 JANUARY	15 1964	12	3	10	3.3	29	4	0	29	122	1728
71 MARCH	31 1964	19	3	7	2.3	176	5	0	0	0	3350
72 NOVEMBER	10 1963	7	3	6	2.0	24	2	0	108	431	681
73 MAY	10 1976	14	3	4	1.3	116	3	0	0	1	4707
74 APRIL	1 1977	12	3	3	1.0	6	1	2	4	47	1388
75 MARCH	13 1960	16	2	17	8.5	9	12	3	33	284	2408
76 FEBRUARY	1 1968	19	2	9	4.5	12	8	0	101	210	2083
77 DECEMBER	18 1959	7	2	7	3.5	124	5	0	0	97	518
78 NOVEMBER	11 1960	23	2	5	2.5	17	4	0	111	111	306
79 MARCH	25 1949	9	2	4	2.0	44	3	0	1	67	3120
80 NOVEMBER	23 1953	17	2	4	2.0	9	2	13	325	428	904
81 NOVEMBER	12 1948	5	2	3	1.5	162	2	0	0	13	405
82 MARCH	5 1978	10	2	2	1.0	26	1	0	22	24	3915
83 MARCH	13 1967	1	2	2	1.0	28	1	0	6	101	3296
84 OCTOBER	22 1961	1	2	2	1.0	21	1	0	18	18	184
85 MAY	18 1957	10	1	18	18.0	10	18	15	61	135	3639
86 APRIL	11 1968	3	1	5	5.0	148	5	0	0	24	3149
87 MARCH	2 1970	21	1	4	4.0	8	4	10	17	29	3655
88 FEBRUARY	25 1973	21	1	3	3.0	13	3	0	90	90	2344
89 MAY	14 1977	12	1	2	2.0	93	2	0	0	6	1664
90 DECEMBER	18 1963	14	1	2	2.0	106	2	0	0	5	1128
91 APRIL	6 1974	10	1	2	2.0	18	2	0	5	135	6921
92 APRIL	30 1969	17	1	2	2.0	48	2	0	0	125	4705
93 MARCH	21 1964	5	1	1	1.0	10	1	3	13	27	3299
94 MAY	23 1976	7	1	1	1.0	304	1	0	0	0	4711
95 APRIL	27 1950	7	1	1	1.0	9	1	1	10	10	3746
96 NOVEMBER	5 1972	1	1	1	1.0	6	1	3	159	197	323
97 JANUARY	27 1970	19	1	1	1.0	6	1	7	185	789	3263
98 FEBRUARY	9 1952	8	1	1	1.0	133	1	0	0	133	2887
99 DECEMBER	17 1969	8	1	1	1.0	16	1	0	57	435	1203
100 NOVEMBER	11 1960	3	1	1	1.0	7	1	55	110	110	305

RETURN STATISTICS AT EUGENE  
 SORTED BY DURATION

DATE EVENT ENDED	HOUR	DURATION (HOURS)	MAGNITUDE (IN X 100)	AVERAGE INTENSITY (IN/HR X 100)	HOURS SINCE LAST EVENT	MAXIMUM INTENSITY (IN/HR X 100)	MAGNITUDE LAST 12 HRS (IN X 100)	MAGNITUDE LAST 48 HRS (IN X 100)	MAGNITUDE LAST 168 HRS (IN X 100)	MAGNITUDE YEAR SO FAR (IN X 100)	
101 NOVEMBER	19	1950 16	1	1	1.0	34	1	0	102	683	2017

RETURN STATISTICS AT PORTLAND  
SORTED BY MAGNITUDE

	DATE							MAGNITUDE	MAGNITUDE	MAGNITUDE	MAGNITUDE
	EVENT ENDED	HOUR	DURATION	MAGNITUDE	AVERAGE	HOURS SINCE	MAXIMUM	LAST	LAST	LAST	YEAR
			(HOURS)	(IN X 100)	(IN/HR X 100)	LAST EVENT	INTENSITY	12 HRS	48 HRS	168 HRS	SO FAR
							(IN/HR X 100)	(IN X 100)	(IN X 100)	(IN X 100)	(IN X 100)
1	JANUARY	21 1972	0	45	226	5.0	6	20	12	78	1889
2	NOVEMBER	21 1974	14	21	174	8.3	11	18	0	62	627
3	DECEMBER	12 1959	10	37	152	4.1	8	23	1	14	757
4	DECEMBER	25 1965	8	49	137	2.8	53	12	0	0	924
5	DECEMBER	13 1966	16	54	121	2.2	15	13	0	76	1289
6	JANUARY	6 1969	8	40	108	2.7	19	8	0	26	2292
7	OCTOBER	3 1967	19	29	103	3.6	9	18	1	26	26
8	JANUARY	13 1950	16	11	97	8.8	10	16	2	5	1686
9	MAY	3 1975	14	35	90	2.6	117	15	0	0	3343
10	MARCH	26 1965	12	29	83	2.9	63	10	0	0	2725
11	OCTOBER	4 1950	16	51	76	1.5	3277	10	0	0	0
12	DECEMBER	10 1955	19	11	72	6.5	27	21	0	50	1616
13	FEBRUARY	9 1969	21	18	67	3.7	7	22	25	106	3128
14	JANUARY	30 1968	12	33	62	1.9	61	10	0	0	1519
15	DECEMBER	5 1952	5	44	59	1.3	16	7	0	38	255
16	NOVEMBER	23 1948	18	7	57	8.1	32	15	0	9	238
17	JANUARY	1 1956	12	15	54	3.6	117	16	0	0	2408
18	JANUARY	14 1966	23	33	51	1.5	11	6	0	32	1935
19	APRIL	20 1960	10	23	49	2.1	14	9	0	21	2432
20	OCTOBER	25 1957	0	24	47	2.0	9	7	5	57	239
21	OCTOBER	6 1949	17	28	45	1.6	6	15	12	111	111
22	APRIL	9 1955	19	25	44	1.8	124	9	0	0	2255
23	DECEMBER	11 1964	5	39	42	1.1	19	6	0	30	839
24	DECEMBER	7 1970	3	20	41	2.1	10	8	7	60	1030
25	DECEMBER	25 1976	21	17	40	2.4	37	7	0	8	289
26	MARCH	20 1957	12	9	39	4.3	91	11	0	0	2240
27	MAY	7 1956	21	2	38	19.0	61	30	0	0	4419
28	FEBRUARY	26 1973	21	15	36	2.4	18	5	0	59	1844
29	APRIL	9 1974	21	23	34	1.5	6	8	1	1	4424
30	MARCH	10 1961	8	17	33	1.9	12	10	0	21	2898
31	DECEMBER	16 1968	14	5	32	6.4	8	9	4	79	1755
32	OCTOBER	5 1975	19	7	31	4.4	35	12	0	6	42
33	MAY	9 1967	5	8	30	3.8	266	11	0	0	3016
34	MAY	26 1953	5	4	29	7.3	7	20	5	5	3364
35	FEBRUARY	23 1975	21	5	28	5.6	80	11	0	0	2716
36	NOVEMBER	27 1951	16	9	27	3.0	25	15	0	82	1043
37	JANUARY	21 1950	16	12	26	2.2	9	8	6	199	2115
38	FEBRUARY	19 1976	19	23	25	1.1	7	7	1	42	2240
39	NOVEMBER	3 1961	1	7	25	3.6	35	8	0	12	301
40	MAY	9 1970	23	10	24	2.4	23	16	0	56	3698
41	FEBRUARY	22 1971	17	15	23	1.5	6	4	1	1	2506
42	MARCH	28 1977	1	20	22	1.1	9	6	5	5	1029
43	MAY	20 1949	18	3	22	7.3	11	17	0	22	2022
44	NOVEMBER	27 1975	8	6	21	3.5	12	7	0	31	765
45	NOVEMBER	13 1952	15	9	20	2.2	15	6	0	30	141
46	OCTOBER	3 1951	16	3	20	6.7	8	10	22	120	155
47	JANUARY	27 1979	12	5	19	3.8	7	6	6	10	906
48	NOVEMBER	13 1951	16	9	18	2.0	19	4	0	66	906
49	NOVEMBER	8 1967	19	16	17	1.1	23	5	0	4	476
50	APRIL	19 1963	19	6	17	2.8	9	6	1	38	2864

RETURN STATISTICS AT PORTLAND  
SORTED BY MAGNITUDE

DATE EVENT ENDED	HOUR	DURATION (HOURS)	MAGNITUDE (IN X 100)	AVERAGE INTENSITY (IN/HR X 100)	HOURS SINCE LAST EVENT	MAXIMUM INTENSITY (IN/HR X 100)	MAGNITUDE LAST 12 HRS (IN X 100)	MAGNITUDE LAST 48 HRS (IN X 100)	MAGNITUDE LAST 168 HRS (IN X 100)	MAGNITUDE YEAR SO FAR (IN X 100)			
51	OCTOBER	6	1962	7	10	16	1.6	76	5	0	0	38	38
52	MARCH	30	1951	16	5	16	3.2	17	5	0	15	17	3841
53	MARCH	10	1950	3	9	15	1.7	19	6	0	10	89	2999
54	OCTOBER	9	1975	12	19	14	.7	27	4	0	18	91	91
55	JANUARY	8	1965	8	9	14	1.6	14	4	0	10	149	1903
56	MARCH	1	1962	21	18	13	.7	9	4	2	35	54	1851
57	JANUARY	10	1960	19	7	13	1.9	50	7	0	0	77	1066
58	NOVEMBER	29	1973	12	20	12	.6	6	4	48	76	198	1453
59	FEBRUARY	16	1973	21	7	12	1.7	40	4	0	1	44	1759
60	FEBRUARY	14	1952	21	20	11	.6	47	2	0	0	45	2375
61	MAY	2	1963	21	7	11	1.6	18	4	0	16	37	2957
62	MAY	6	1973	19	1	11	11.0	13	11	0	1	8	2293
63	JANUARY	23	1966	21	7	10	1.4	208	4	0	0	0	1986
64	MAY	15	1978	14	4	10	2.5	7	8	4	134	224	3272
65	JANUARY	1	1975	5	3	10	3.3	49	5	0	0	187	1492
66	NOVEMBER	23	1955	21	8	9	1.1	6	4	14	47	299	1117
67	OCTOBER	27	1956	5	5	9	1.8	5	3	1	30	211	393
68	FEBRUARY	10	1977	12	1	9	9.0	8	9	4	4	4	474
69	DECEMBER	10	1974	0	6	8	1.3	57	3	0	6	75	965
70	JANUARY	20	1956	8	4	8	2.0	16	2	0	54	331	3359
71	JANUARY	17	1961	1	1	8	8.0	20	8	0	65	114	1694
72	MARCH	19	1977	3	6	7	1.2	7	5	1	1	54	966
73	NOVEMBER	21	1963	0	3	7	2.3	40	6	0	26	210	785
74	JANUARY	26	1974	3	13	6	.5	7	2	5	7	74	3154
75	JANUARY	20	1965	12	6	6	1.0	23	1	0	1	1	2037
76	MAY	23	1962	19	4	6	1.5	17	2	0	38	43	2780
77	FEBRUARY	8	1962	19	2	6	3.0	9	5	13	67	91	1599
78	FEBRUARY	27	1956	21	11	5	.5	18	2	0	13	161	3862
79	NOVEMBER	30	1966	12	6	5	.8	6	1	30	43	63	840
80	FEBRUARY	4	1951	16	4	5	1.3	18	2	0	35	106	3075
81	FEBRUARY	23	1959	1	2	5	2.5	6	4	9	12	110	2423
82	OCTOBER	1	1953	5	1	5	5.0	2957	5	0	0	0	0
83	FEBRUARY	23	1956	19	7	4	.6	6	3	2	18	202	3827
84	JANUARY	14	1953	10	5	4	.8	14	2	0	48	452	1464
85	DECEMBER	30	1971	19	4	4	1.0	9	1	1	35	113	1613
86	MARCH	22	1957	3	3	4	1.3	11	2	0	44	108	2284
87	MAY	15	1978	3	2	4	2.0	6	2	26	171	220	3268
88	DECEMBER	27	1974	14	1	4	4.0	7	4	33	151	228	1457
89	JANUARY	15	1957	0	6	3	.5	20	1	0	8	76	1179
90	MAY	23	1979	19	3	3	1.0	345	2	0	0	0	2293
91	FEBRUARY	8	1950	14	2	3	1.5	7	2	44	81	136	2423
92	NOVEMBER	27	1968	21	2	3	1.5	24	2	0	10	104	1075
93	DECEMBER	2	1978	5	1	3	3.0	18	3	0	58	152	427
94	APRIL	4	1956	12	1	3	3.0	46	3	0	4	53	4322
95	FEBRUARY	13	1956	7	5	2	.4	27	1	2	8	28	3622
96	APRIL	9	1977	17	3	2	.7	25	1	0	23	23	1092
97	DECEMBER	26	1949	22	2	2	1.0	16	1	0	51	177	1189
98	FEBRUARY	26	1969	12	2	2	1.0	40	1	0	2	24	3310
99	JANUARY	17	1950	15	2	2	1.0	28	1	0	11	140	1820
100	FEBRUARY	12	1978	16	1	2	2.0	83	2	0	0	141	2391

RETURN STATISTICS AT PORTLAND  
SORTED BY MAGNITUDE

DATE EVENT ENDED	HOUR	DURATION (HOURS)	MAGNITUDE (IN X 100)	AVERAGE INTENSITY (IN/HR X 100)	HOURS SINCE LAST EVENT	MAXIMUM INTENSITY (IN/HR X 100)	MAGNITUDE LAST 12 HRS (IN X 100)	MAGNITUDE LAST 48 HRS (IN X 100)	MAGNITUDE LAST 168 HRS (IN X 100)	MAGNITUDE YEAR SO FAR (IN X 100)		
101 MARCH	3	1955	3	1	2	2.0	32	2	0	23	158	1942
102 FEBRUARY	2	1971	12	1	2	2.0	31	2	0	4	8	2318
103 APRIL	24	1967	19	1	2	2.0	51	2	0	0	27	2937
104 MARCH	4	1952	10	1	1	1.0	19	1	0	42	67	2559
105 APRIL	15	1977	19	1	1	1.0	12	1	0	13	47	1139
106 NOVEMBER	16	1963	16	1	1	1.0	23	1	0	35	212	735
107 APRIL	26	1974	7	1	1	1.0	21	1	0	15	31	4503
108 FEBRUARY	18	1956	12	1	1	1.0	9	1	3	22	32	3647
109 JANUARY	14	1969	10	1	1	1.0	12	1	0	63	239	2749
110 MAY	1	1961	14	1	1	1.0	6	1	4	16	70	3672
111 JANUARY	4	1975	10	1	1	1.0	8	1	2	117	158	1619
112 JANUARY	29	1953	19	1	1	1.0	30	1	0	32	180	2142
113 DECEMBER	14	1975	12	1	1	1.0	27	1	0	27	38	1240
114 FEBRUARY	2	1955	8	1	1	1.0	22	1	0	13	24	1582
115 JANUARY	17	1962	17	1	1	1.0	13	1	0	11	52	1497
116 MARCH	22	1950	11	1	1	1.0	6	1	2	30	182	3223
117 APRIL	19	1963	3	1	1	1.0	7	1	12	37	135	2863

RETURN STATISTICS AT SALEM  
SORTED BY MAGNITUDE

DATE EVENT ENDED	DATE HOUR	DURATION (HOURS)	MAGNITUDE (IN X 100)	AVERAGE INTENSITY (IN/HR X 100)	HOURS SINCE LAST EVENT	MAXIMUM INTENSITY (IN/HR X 100)	MAGNITUDE LAST 12 HRS (IN X 100)	MAGNITUDE LAST 48 HRS (IN X 100)	MAGNITUDE LAST 168 HRS (IN X 100)	MAGNITUDE YEAR SO FAR (IN X 100)		
1	MAY	7 1963	7	59	288	4.9	7	16	5	10	67	3324
2	NOVEMBER	7 1974	14	40	227	5.7	23	19	0	4	45	220
3	JANUARY	24 1965	1	29	191	6.6	12	17	0	26	31	2437
4	OCTOBER	31 1977	3	69	167	2.4	57	16	0	0	40	67
5	DECEMBER	27 1974	5	20	149	7.5	96	30	0	0	178	1478
6	NOVEMBER	18 1960	12	33	134	4.1	9	30	2	42	267	561
7	MARCH	22 1972	14	36	120	3.3	43	10	0	1	15	3376
8	FEBRUARY	16 1974	17	35	107	3.1	20	11	0	55	58	4107
9	APRIL	19 1965	8	22	100	4.5	6	10	8	9	12	3297
10	MARCH	10 1971	16	15	93	6.2	8	16	1	16	121	3255
11	DECEMBER	5 1949	15	22	87	4.0	66	10	0	23	88	840
12	NOVEMBER	18 1979	7	23	82	3.6	7	30	5	37	37	702
13	NOVEMBER	14 1948	13	16	78	4.9	207	15	0	0	0	490
14	FEBRUARY	4 1971	8	13	74	5.7	30	11	0	2	6	2669
15	JANUARY	18 1954	3	9	70	7.8	10	23	1	94	167	2186
16	FEBRUARY	18 1951	6	25	66	2.6	46	9	0	1	125	4021
17	DECEMBER	29 1973	12	15	63	4.2	19	12	0	61	139	2841
18	DECEMBER	2 1962	21	30	59	2.0	22	7	0	66	385	1309
19	MARCH	5 1951	1	17	57	3.4	10	9	7	49	63	4189
20	NOVEMBER	26 1955	19	19	53	2.8	11	8	0	154	286	1324
21	FEBRUARY	25 1961	21	21	51	2.4	6	12	46	46	154	3017
22	OCTOBER	20 1974	17	16	49	3.1	220	19	0	0	0	21
23	APRIL	13 1979	7	19	46	2.4	8	8	4	16	72	2050
24	MAY	26 1954	3	25	44	1.8	496	15	0	0	0	3962
25	MAY	16 1971	7	30	42	1.4	53	4	0	0	41	4239
26	MARCH	24 1953	23	12	41	3.4	44	15	0	4	167	3545
27	OCTOBER	6 1957	19	25	39	1.6	21	7	0	12	71	71
28	APRIL	11 1956	7	13	38	2.9	85	7	0	0	15	5092
29	MARCH	21 1959	10	13	36	2.8	52	11	0	0	71	3155
30	JANUARY	11 1951	8	22	34	1.5	9	9	4	28	47	2857
31	NOVEMBER	16 1975	14	14	33	2.4	10	7	2	101	173	894
32	DECEMBER	6 1970	12	6	32	5.3	23	15	0	31	263	1235
33	DECEMBER	15 1949	17	6	31	5.2	65	10	0	0	28	955
34	NOVEMBER	8 1958	5	15	29	1.9	25	6	0	58	106	329
35	MAY	17 1959	5	14	28	2.0	24	14	0	22	57	3740
36	OCTOBER	24 1960	1	12	27	2.3	260	9	0	0	0	158
37	NOVEMBER	13 1972	0	11	26	2.4	7	9	0	0	79	276
38	JANUARY	6 1965	10	14	25	1.8	6	9	1	31	119	2281
39	OCTOBER	28 1960	7	25	24	1.0	17	3	0	45	72	230
40	APRIL	9 1964	14	5	24	4.8	91	7	0	0	9	2962
41	FEBRUARY	5 1979	7	6	23	3.8	12	6	0	11	11	1046
42	DECEMBER	27 1961	5	8	22	2.8	24	4	0	4	249	1398
43	MAY	11 1958	14	11	21	1.9	395	5	0	0	0	3734
44	DECEMBER	24 1972	16	11	20	1.8	8	8	31	138	508	1184
45	NOVEMBER	16 1969	14	18	19	1.1	11	5	0	3	3	662
46	MAY	11 1951	1	7	19	2.7	98	7	0	0	114	4760
47	APRIL	24 1962	10	10	18	1.8	107	4	0	0	6	2582
48	NOVEMBER	1 1972	19	19	17	.9	80	4	0	0	34	70
49	APRIL	6 1979	5	7	17	2.4	80	8	0	0	11	1978
50	DECEMBER	6 1969	17	16	16	1.0	40	3	0	1	12	777

RETURN STATISTICS AT SALEM  
SORTED BY MAGNITUDE

DATE EVENT ENDED	HOUR	DURATION (HOURS)	MAGNITUDE (IN X 100)	AVERAGE INTENSITY (IN/HR X 100)	HOURS SINCE LAST EVENT	MAXIMUM INTENSITY (IN/HR X 100)	MAGNITUDE LAST 12 HRS (IN X 100)	MAGNITUDE LAST 48 HRS (IN X 100)	MAGNITUDE LAST 168 HRS (IN X 100)	MAGNITUDE YEAR SO FAR (IN X 100)	
51 NOVEMBER	9 1972	7	4	16	4.0	33	10	0	18	172	260
52 OCTOBER	28 1948	17	9	15	1.7	116	6	0	0	5	186
53 DECEMBER	7 1958	5	4	15	3.8	10	7	1	16	74	1010
54 JANUARY	18 1962	7	9	14	1.6	8	7	5	10	37	1515
55 MARCH	18 1972	5	5	14	2.8	113	4	0	0	103	3361
56 DECEMBER	17 1955	5	9	13	1.4	10	6	2	36	164	1917
57 DECEMBER	20 1961	1	4	13	3.3	8	7	27	128	352	1149
58 OCTOBER	22 1958	16	9	12	1.3	61	4	0	0	143	160
59 OCTOBER	11 1960	14	4	12	3.0	64	5	0	0	143	143
60 MARCH	22 1950	9	8	11	1.4	8	7	20	36	247	3550
61 DECEMBER	9 1978	1	4	11	2.8	86	4	0	0	81	572
62 MAY	11 1961	7	10	10	1.0	6	3	1	35	78	4369
63 MARCH	9 1961	5	6	10	1.7	12	4	0	5	194	3379
64 APRIL	19 1969	10	4	10	2.5	32	3	0	28	40	3849
65 MAY	18 1957	19	8	9	1.1	8	5	11	73	91	3042
66 APRIL	19 1974	17	4	9	2.3	9	6	1	1	1	5474
67 APRIL	19 1949	10	12	8	.7	485	3	0	0	0	3489
68 APRIL	27 1950	10	5	8	1.6	13	4	0	8	12	3798
69 APRIL	1 1959	14	3	8	2.7	23	4	0	7	225	3470
70 JANUARY	11 1959	3	8	7	.9	6	3	7	199	495	1913
71 APRIL	25 1953	21	5	7	1.4	60	2	0	0	17	3694
72 MAY	22 1961	21	3	7	2.3	47	3	0	0	43	4428
73 JANUARY	21 1967	19	12	6	.5	8	2	10	119	131	1828
74 NOVEMBER	21 1950	1	5	6	1.2	14	4	0	27	632	1791
75 OCTOBER	26 1957	5	3	6	2.0	12	3	0	47	74	279
76 MAY	5 1956	8	10	5	.5	7	3	6	15	24	5155
77 JANUARY	13 1976	10	6	5	.8	12	2	0	49	258	2138
78 MARCH	7 1971	12	3	5	1.7	11	3	0	31	134	3234
79 DECEMBER	23 1977	1	2	5	2.5	15	3	0	9	67	1642
80 FEBRUARY	1 1967	16	1	5	5.0	7	5	17	20	406	2275
81 APRIL	15 1950	1	6	4	.7	29	2	0	9	94	3763
82 APRIL	8 1967	17	3	4	1.3	68	2	0	0	29	2874
83 MARCH	19 1956	8	2	4	2.0	153	3	0	0	1	4774
84 DECEMBER	21 1973	17	1	4	4.0	7	4	3	193	467	2698
85 OCTOBER	15 1975	1	6	3	.5	102	1	0	0	27	106
86 JANUARY	2 1963	21	4	3	.8	6	1	20	60	205	1670
87 JANUARY	5 1973	8	2	3	1.5	52	2	0	0	29	1334
88 APRIL	26 1963	14	2	3	1.5	44	2	0	7	26	3254
89 MARCH	12 1958	17	1	3	3.0	90	3	0	0	76	3197
90 FEBRUARY	19 1958	19	1	3	3.0	11	3	0	3	197	2885
91 JANUARY	21 1968	12	5	2	.4	6	1	30	40	210	1789
92 MAY	2 1960	14	3	2	.7	11	1	0	3	12	2790
93 OCTOBER	31 1960	8	2	2	1.0	10	1	1	10	79	264
94 NOVEMBER	19 1975	23	2	2	1.0	61	1	0	0	181	965
95 OCTOBER	5 1948	6	2	2	1.0	18	1	0	29	31	31
96 JANUARY	24 1951	3	1	2	2.0	7	2	23	85	392	3575
97 MAY	25 1978	14	1	2	2.0	19	2	0	1	18	3395
98 FEBRUARY	26 1963	12	1	2	2.0	16	2	0	45	59	2213
99 MARCH	11 1963	16	1	2	2.0	6	2	1	1	1	2263
100 MARCH	28 1957	5	1	1	1.0	78	1	0	0	33	2476

RETURN STATISTICS AT SALEM  
SORTED BY MAGNITUDE

DATE EVENT ENDED	HOUR	DURATION (HOURS)	MAGNITUDE (IN X 100)	AVERAGE INTENSITY (IN/HR X 100)	HOURS SINCE LAST EVENT	MAXIMUM INTENSITY (IN/HR X 100)	MAGNITUDE LAST 12 HRS (IN X 100)	MAGNITUDE LAST 48 HRS (IN X 100)	MAGNITUDE LAST 168 HRS (IN X 100)	MAGNITUDE YEAR SO FAR (IN X 100)
101 APRIL	1 1979	23	1	1.0	9	1	2	5	54	1976
102 NOVEMBER	14 1965	8	1	1.0	12	1	0	133	368	728
103 DECEMBER	12 1969	19	1	1.0	6	1	19	222	314	1091
104 OCTOBER	14 1951	19	1	1.0	6	1	27	48	128	371
105 OCTOBER	24 1975	7	1	1.0	13	1	0	15	160	269
106 MAY	14 1961	5	1	1.0	7	1	2	2	57	4381
107 OCTOBER	5 1970	10	1	1.0	3081	1	0	0	0	0
108 DECEMBER	20 1952	8	1	1.0	29	1	0	14	17	871
109 MARCH	23 1961	19	1	1.0	7	1	2	36	128	3812
110 MARCH	20 1958	10	1	1.0	63	1	0	0	27	3230
111 MARCH	27 1968	19	1	1.0	18	1	0	1	88	3097
112 FEBRUARY	18 1954	8	1	1.0	6	1	21	64	426	3213



RETURN STATISTICS AT EUGENE  
SORTED BY MAGNITUDE

	DATE				AVERAGE	HOURS SINCE	MAXIMUM	MAGNITUDE	MAGNITUDE	MAGNITUDE	MAGNITUDE
	EVENT ENDED	HOUR	DURATION	MAGNITUDE	INTENSITY	LAST EVENT	INTENSITY	LAST	LAST	LAST	YEAR
			(HOURS)	(IN X 100)	(IN/HR X 100)		(IN/HR X 100)	12 HRS	48 HRS	168 HRS	SO FAR
								(IN X 100)	(IN X 100)	(IN X 100)	(IN X 100)
1	DECEMBER	13 1948	8	100	366		3.7				
2	FEBRUARY	10 1960	5	57	293		5.1				
3	JANUARY	9 1953	3	53	241		4.5				
4	JANUARY	8 1950	0	42	199		4.7				
5	NOVEMBER	29 1973	7	25	182		7.3				
6	MAY	26 1960	7	52	156		3.0				
7	MARCH	9 1960	10	35	139		4.0				
8	MARCH	10 1954	19	51	127		2.5				
9	JANUARY	12 1969	23	14	120		8.6				
10	JANUARY	10 1965	19	15	111		7.4				
11	JANUARY	24 1958	21	36	102		2.8				
12	MARCH	28 1956	0	43	94		2.2				
13	FEBRUARY	25 1973	7	13	90		6.9				
14	MARCH	30 1959	17	26	85		3.3				
15	MAY	26 1971	8	19	79		4.2				
16	FEBRUARY	18 1979	12	21	73		3.5				
17	FEBRUARY	23 1968	3	10	70		7.0				
18	JANUARY	13 1970	8	37	66		1.8				
19	NOVEMBER	11 1957	5	29	62		2.1				
20	FEBRUARY	16 1952	1	32	59		1.8				
21	DECEMBER	4 1964	21	11	56		5.1				
22	DECEMBER	12 1977	5	14	53		3.8				
23	NOVEMBER	17 1968	23	15	51		3.4				
24	FEBRUARY	22 1958	14	9	49		5.4				
25	NOVEMBER	19 1972	10	20	46		2.3				
26	DECEMBER	24 1979	3	24	44		1.8				
27	APRIL	15 1972	23	7	43		6.1				
28	JANUARY	9 1955	7	23	40		1.7				
29	JANUARY	13 1961	0	9	39		4.3				
30	FEBRUARY	14 1976	7	13	37		2.8				
31	APRIL	7 1963	16	18	35		1.9				
32	DECEMBER	27 1961	3	7	34		4.9				
33	DECEMBER	18 1968	23	20	32		1.6				
34	NOVEMBER	1 1971	16	16	31		1.9				
35	JANUARY	10 1957	10	8	30		3.8				
36	MARCH	9 1949	5	20	28		1.4				
37	FEBRUARY	14 1974	10	21	27		1.3				
38	MARCH	12 1955	8	14	26		1.9				
39	MARCH	22 1963	10	11	25		2.3				
40	DECEMBER	9 1954	5	9	24		2.7				
41	NOVEMBER	24 1950	8	9	23		2.6				
42	FEBRUARY	25 1956	17	5	22		4.4				
43	MARCH	20 1949	2	17	20		1.2				
44	OCTOBER	26 1966	12	4	20		5.0				
45	DECEMBER	21 1952	18	2	19		9.5				
46	DECEMBER	11 1975	21	7	18		2.6				
47	APRIL	24 1962	12	11	17		1.5				
48	DECEMBER	28 1950	10	16	16		1.0				
49	MAY	21 1968	14	4	16		4.0				
50	APRIL	24 1971	19	7	15		2.1				

RETURN STATISTICS AT EUGENE  
SORTED BY MAGNITUDE

DATE	AVERAGE	HOURS SINCE	MAXIMUM	MAGNITUDE	MAGNITUDE	MAGNITUDE	MAGNITUDE			
EVENT ENDED	INTENSITY	LAST EVENT	INTENSITY	LAST 12 HRS	LAST 48 HRS	LAST 168 HRS	YEAR SO FAR			
YEAR	(IN/HR X 100)		(IN/HR X 100)	(IN X 100)	(IN X 100)	(IN X 100)	(IN X 100)			
51 JANUARY 22 1953	7	9	14	1.6	28	10	0	113	454	1908
52 OCTOBER 10 1976	10	4	14	3.5	186	7	0	0	0	12
53 FEBRUARY 12 1979	16	8	13	1.6	12	3	0	117	475	1778
54 DECEMBER 22 1973	19	13	12	.9	21	5	0	152	431	3249
55 NOVEMBER 18 1972	5	5	12	2.4	35	5	0	2	10	388
56 JANUARY 15 1952	7	18	11	.6	8	2	14	44	200	2382
57 JANUARY 9 1961	8	4	11	2.8	23	5	0	104	194	1882
58 APRIL 22 1964	10	7	10	1.4	262	4	0	0	0	3447
59 NOVEMBER 27 1962	5	4	10	2.5	13	5	0	255	319	1236
60 MAY 21 1960	17	2	10	5.0	9	6	1	52	94	3350
61 FEBRUARY 10 1964	16	4	9	2.3	140	3	0	0	1	2820
62 JANUARY 12 1966	17	8	8	1.0	44	3	0	18	269	2719
63 OCTOBER 29 1978	5	3	8	2.7	7	6	14	14	14	21
64 APRIL 19 1974	14	2	8	4.0	95	4	0	0	9	7000
65 MAY 11 1952	14	7	7	1.0	76	4	0	0	7	3468
66 JANUARY 7 1951	10	3	7	2.3	63	3	0	0	138	2797
67 DECEMBER 29 1957	17	7	6	.9	14	4	0	117	257	1870
68 OCTOBER 32 1962	0	3	6	2.0	19	5	0	0	0	627
69 MARCH 22 1956	5	2	6	3.0	29	5	0	18	18	5221
70 NOVEMBER 3 1963	14	1	6	6.0	45	6	0	10	46	250
71 OCTOBER 7 1954	1	5	5	1.0	3069	1	0	0	0	0
72 FEBRUARY 11 1952	16	3	5	1.7	10	3	6	9	10	2897
73 APRIL 11 1968	3	1	5	5.0	148	5	0	0	24	3149
74 MARCH 2 1953	12	5	4	.8	52	2	0	0	10	2624
75 MARCH 25 1958	16	3	4	1.3	8	3	1	26	60	3997
76 MAY 19 1968	0	2	4	2.0	145	3	0	0	16	3231
77 JANUARY 17 1962	7	2	4	2.0	56	2	0	0	18	2195
78 MAY 9 1953	12	1	4	4.0	19	4	0	45	61	3436
79 MARCH 7 1971	14	6	3	.5	23	1	0	12	128	4132
80 FEBRUARY 20 1952	16	4	3	.8	15	2	0	57	132	3046
81 DECEMBER 7 1961	8	2	3	1.5	59	2	0	0	133	1407
82 JANUARY 18 1952	16	2	3	1.5	79	2	0	0	60	2393
83 FEBRUARY 6 1972	16	1	3	3.0	7	3	3	25	37	3500
84 MAY 3 1977	17	4	2	.5	7	1	26	80	109	1614
85 APRIL 23 1970	0	2	2	1.0	11	2	0	0	50	4037
86 FEBRUARY 26 1979	5	2	2	1.0	8	1	1	10	113	2122
87 MARCH 16 1969	8	2	2	1.0	250	1	0	0	0	4226
88 NOVEMBER 31 1956	0	2	2	1.0	38	1	0	0	0	951
89 DECEMBER 25 1976	5	1	2	2.0	991	2	0	0	0	240
90 NOVEMBER 12 1954	10	1	2	2.0	10	2	5	44	99	382
91 MAY 12 1974	12	1	2	2.0	24	2	0	7	10	7092
92 MARCH 24 1970	3	1	2	2.0	189	2	0	0	0	3882
93 OCTOBER 11 1966	8	1	1	1.0	70	1	0	0	7	7
94 DECEMBER 2 1973	0	1	1	1.0	17	1	0	36	327	2288
95 NOVEMBER 13 1953	19	1	1	1.0	7	1	4	5	21	400
96 DECEMBER 19 1979	19	1	1	1.0	7	1	1	50	62	1893
97 JANUARY 1 1965	3	1	1	1.0	11	1	0	119	491	3271
98 OCTOBER 28 1959	14	1	1	1.0	150	1	0	0	11	222
99 DECEMBER 5 1967	19	1	1	1.0	9	1	15	175	451	1161
100 APRIL 27 1952	13	1	1	1.0	202	1	0	0	0	3420

158

RETURN STATISTICS AT EUGENE  
 SORTED BY MAGNITUDE

DATE EVENT ENDED	HOUR	DURATION (HOURS)	MAGNITUDE (IN X 100)	AVERAGE INTENSITY (IN/HR X 100)	HOURS SINCE LAST EVENT	MAXIMUM INTENSITY (IN/HR X 100)	MAGNITUDE LAST 12 HRS (IN X 100)	MAGNITUDE LAST 48 HRS (IN X 100)	MAGNITUDE LAST 168 HRS (IN X 100)	MAGNITUDE YEAR SO FAR (IN X 100)
101 JANUARY	32	1949 0	1	1.0	28	1	0	5	14	1859

RETURN STATISTICS AT PORTLAND  
SORTED BY INTENSITY

DATE EVENT ENDED	HOUR	DURATION (HOURS)	MAGNITUDE (IN X 100)	AVERAGE INTENSITY (IN/HR X 100)	HOURS SINCE LAST EVENT	MAXIMUM INTENSITY (IN/HR X 100)	MAGNITUDE LAST 12 HRS (IN X 100)	MAGNITUDE LAST 48 HRS (IN X 100)	MAGNITUDE LAST 168 HRS (IN X 100)	MAGNITUDE YEAR SO FAR (IN X 100)
1 MAY	16	1974 19	1	10	7	10	5	31	71	4597
2 OCTOBER	17	1968 19	5	41	53	20	0	0	232	337
3 OCTOBER	30	1963 16	3	22	7	11	12	12	74	282
4 APRIL	8	1950 6	9	62	16	15	0	19	47	3387
5 NOVEMBER	21	1959 3	12	75	7	20	1	35	124	517
6 JANUARY	27	1962 10	1	6	46	6	0	1	2	1502
7 MAY	8	1962 14	8	45	34	20	0	23	74	2665
8 JANUARY	13	1970 0	23	125	56	11	0	0	104	1544
9 NOVEMBER	19	1966 12	9	47	30	11	0	10	258	727
10 DECEMBER	21	1952 8	6	30	15	12	0	17	21	646
11 OCTOBER	29	1953 16	1	5	218	5	0	0	0	348
12 NOVEMBER	21	1969 1	16	76	91	9	0	0	24	528
13 APRIL	14	1957 16	5	23	9	9	18	32	68	2548
14 NOVEMBER	24	1967 7	2	9	144	8	0	0	4	605
15 MARCH	20	1957 12	9	39	91	11	0	0	126	2240
16 MAY	24	1974 8	10	42	101	10	0	0	28	4635
17 FEBRUARY	25	1950 0	47	190	6	18	8	10	25	2623
18 NOVEMBER	25	1949 7	3	12	16	6	0	171	237	627
19 JANUARY	8	1970 7	1	4	113	4	0	0	8	1440
20 JANUARY	19	1953 17	48	184	7	15	13	95	253	1577
21 JANUARY	10	1959 5	72	270	49	16	0	0	29	1311
22 OCTOBER	25	1950 21	19	70	7	15	5	5	61	390
23 NOVEMBER	17	1948 10	7	25	6	17	3	52	95	139
24 NOVEMBER	12	1970 3	4	14	7	9	16	109	177	480
25 DECEMBER	21	1973 12	45	153	41	14	0	3	307	1952
26 NOVEMBER	27	1977 5	3	10	34	7	0	89	291	742
27 NOVEMBER	14	1957 14	4	13	10	7	13	110	209	562
28 JANUARY	9	1969 12	16	51	32	7	0	98	262	2528
29 APRIL	18	1973 19	10	31	7	8	2	47	88	2248
30 DECEMBER	19	1960 3	39	117	12	11	0	35	67	1209
31 MAY	1	1951 15	5	15	6	8	2	5	116	3973
32 JANUARY	17	1972 12	2	6	9	4	3	6	140	1811
33 JANUARY	11	1955 14	1	3	67	3	0	0	32	1398
34 JANUARY	15	1968 12	36	106	12	15	0	41	176	1362
35 NOVEMBER	1	1977 3	7	20	15	6	0	21	114	217
36 NOVEMBER	28	1949 6	10	28	17	13	0	97	346	736
37 DECEMBER	25	1963 1	7	19	53	6	0	0	116	1122
38 JANUARY	21	1964 10	3	8	10	4	4	84	371	1816
39 MARCH	20	1950 16	5	13	26	5	0	27	154	3193
40 MARCH	6	1952 1	17	43	10	6	2	20	71	2563
41 MARCH	26	1949 6	4	10	19	4	0	4	64	1791
42 NOVEMBER	7	1965 0	2	5	61	3	0	0	138	341
43 FEBRUARY	4	1971 8	14	34	30	8	0	2	10	2320
44 NOVEMBER	30	1968 14	5	12	11	4	0	35	74	1113
45 NOVEMBER	16	1948 22	18	42	6	26	5	42	53	97
46 MARCH	25	1956 5	40	93	12	6	0	8	63	4140
47 FEBRUARY	20	1953 8	4	9	38	3	0	4	167	2522
48 DECEMBER	9	1978 8	10	22	96	8	0	0	83	510
49 APRIL	19	1970 17	31	67	164	16	0	0	3	3441
50 MARCH	30	1967 17	19	40	6	13	6	33	69	2759

RETURN STATISTICS AT PORTLAND  
SORTED BY INTENSITY

	DATE				AVERAGE	HOURS SINCE	MAXIMUM	MAGNITUDE	MAGNITUDE	MAGNITUDE	MAGNITUDE
	EVENT ENDED	HOUR	DURATION	MAGNITUDE	INTENSITY	LAST EVENT	INTENSITY	LAST 12 HRS	LAST 48 HRS	LAST 168 HRS	YEAR SO FAR
			(HOURS)	(IN X 100)	(IN/HR X 100)		(IN/HR X 100)	(IN X 100)	(IN X 100)	(IN X 100)	(IN X 100)
51	NOVEMBER	6 1963	10	19	39	26	2.1	0	53	113	383
52	FEBRUARY	23 1969	0	8	20	24	2.0	0	0	0	3286
53	MARCH	4 1971	8	4	8	17	2.0	0	42	117	2693
54	MARCH	8 1961	0	2	4	7	2.0	0	31	172	2877
55	MARCH	27 1973	21	2	4	6	2.0	12	16	17	2118
56	NOVEMBER	24 1976	23	1	2	77	2.0	0	0	1	223
57	OCTOBER	21 1960	21	1	2	10	2.0	1	7	7	110
58	MAY	17 1971	3	1	2	9	2.0	2	7	39	3454
59	MARCH	7 1949	3	1	2	125	2.0	0	0	2	1587
60	APRIL	17 1960	0	42	81	8	1.9	32	85	124	2327
61	MARCH	1 1964	1	16	30	14	1.9	0	12	12	2241
62	DECEMBER	16 1951	1	13	24	74	1.8	0	0	1	1488
63	MARCH	3 1978	7	5	9	58	1.8	0	0	61	2495
64	MARCH	30 1971	0	4	7	29	1.8	0	8	63	3112
65	APRIL	26 1959	7	10	17	212	1.7	0	0	0	2820
66	DECEMBER	5 1956	19	6	10	15	1.7	0	50	50	707
67	DECEMBER	30 1968	21	47	77	6	1.6	1	59	216	2050
68	APRIL	1 1970	17	10	16	61	1.6	0	0	4	3348
69	APRIL	17 1976	14	7	11	29	1.6	0	12	46	2965
70	MAY	9 1961	19	26	39	12	1.5	0	5	94	3767
71	NOVEMBER	27 1977	17	4	6	9	1.5	10	24	301	752
72	MARCH	5 1972	7	2	3	7	1.5	8	19	243	2741
73	JANUARY	31 1954	5	2	3	36	1.5	0	2	223	2679
74	JANUARY	8 1961	23	26	38	27	1.5	0	88	178	1541
75	NOVEMBER	19 1970	14	7	10	18	1.4	0	14	87	581
76	APRIL	9 1969	19	5	7	75	1.4	0	0	42	3496
77	MARCH	27 1954	14	21	28	49	1.3	0	0	12	3366
78	DECEMBER	24 1966	0	3	4	8	1.3	3	10	30	1441
79	DECEMBER	20 1974	5	24	31	13	1.3	0	12	157	1198
80	NOVEMBER	5 1973	19	12	15	12	1.3	0	101	147	416
81	JANUARY	13 1967	16	14	17	7	1.2	11	31	86	1737
82	MARCH	19 1977	3	6	7	7	1.2	1	1	54	966
83	DECEMBER	20 1972	3	7	8	6	1.1	3	87	225	817
84	MARCH	31 1959	16	13	14	13	1.1	0	45	160	2777
85	OCTOBER	31 1960	0	14	14	48	1.0	0	0	110	223
86	OCTOBER	15 1951	16	6	6	16	1.0	0	51	114	289
87	DECEMBER	29 1954	10	4	4	19	1.0	0	47	188	1274
88	OCTOBER	29 1978	10	3	3	13	1.0	0	14	15	20
89	DECEMBER	2 1964	14	2	2	6	1.0	7	94	290	801
90	NOVEMBER	16 1968	5	2	2	6	1.0	3	7	192	933
91	NOVEMBER	17 1957	17	2	2	73	1.0	0	0	200	575
92	MAY	9 1973	14	1	1	32	1.0	0	18	37	2322
93	MARCH	15 1961	14	1	1	9	1.0	3	66	271	3158
94	FEBRUARY	16 1978	10	1	1	27	1.0	0	37	39	2430
95	JANUARY	8 1950	5	1	1	7	1.0	16	171	236	1513
96	APRIL	30 1968	7	1	1	110	1.0	0	0	22	2753
97	APRIL	12 1963	21	1	1	8	1.0	6	16	91	2738
98	FEBRUARY	19 1974	21	1	1	8	1.0	3	92	212	3566
99	NOVEMBER	20 1955	7	1	1	23	1.0	0	193	258	1066
100	NOVEMBER	14 1967	8	1	1	6	1.0	18	18	122	598

RETURN STATISTICS AT PORTLAND  
SORTED BY INTENSITY

DATE EVENT ENDED	HOUR	DURATION (HOURS)	MAGNITUDE (IN X 100)	AVERAGE INTENSITY (IN/HR X 100)	HOURS SINCE LAST EVENT	MAXIMUM INTENSITY (IN/HR X 100)	MAGNITUDE LAST 12 HRS (IN X 100)	MAGNITUDE LAST 48 HRS (IN X 100)	MAGNITUDE LAST 168 HRS (IN X 100)	MAGNITUDE YEAR SO FAR (IN X 100)
101 JANUARY	28 1959	14	1	1.0	10	1	2	91	249	2006
102 APRIL	25 1975	17	1	1.0	7	1	1	56	120	3336
103 APRIL	11 1964	1	1	1.0	27	1	0	20	24	2528
104 DECEMBER	22 1955	16	1	1.0	7	1	16	233	460	2246
105 NOVEMBER	16 1962	10	1	1.0	6	1	2	42	213	720
106 DECEMBER	20 1966	1	21	20	97	4	0	0	79	1411
107 OCTOBER	20 1951	0	23	20	13	9	0	29	101	324
108 APRIL	28 1962	14	11	9	20	2	0	147	169	2582
109 FEBRUARY	8 1975	17	13	10	26	3	0	23	65	2400
110 DECEMBER	6 1958	10	14	10	71	3	0	0	61	842
111 DECEMBER	28 1953	0	9	6	17	1	0	26	48	1751
112 MAY	1 1955	10	3	2	52	1	0	0	68	2695
113 MARCH	14 1970	17	5	3	8	2	11	35	123	3318
114 APRIL	9 1961	14	7	4	21	2	0	11	11	3324
115 JANUARY	17 1967	14	6	3	17	1	0	9	88	1767
116 FEBRUARY	28 1979	21	7	3	10	1	6	24	199	1575
117 APRIL	26 1962	0	6	2	11	1	0	21	22	2433

RETURN STATISTICS AT SALEM  
SORTED BY INTENSITY

DATE EVENT ENDED	HOUR	DURATION (HOURS)	MAGNITUDE (IN X 100)	AVERAGE INTENSITY (IN/HR X 100)	HOURS SINCE LAST EVENT	MAXIMUM INTENSITY (IN/HR X 100)	MAGNITUDE LAST 12 HRS (IN X 100)	MAGNITUDE LAST 48 HRS (IN X 100)	MAGNITUDE LAST 168 HRS (IN X 100)	MAGNITUDE YEAR SO FAR (IN X 100)	
1 JANUARY	14 1954	10	3	29	9.7	108	25	0	0	36	2019
2 MAY	24 1953	19	2	17	8.5	25	9	0	58	217	4094
3 JANUARY	1 1949	3	14	107	7.6	8	26	34	86	209	1812
4 MARCH	19 1949	18	6	42	7.0	9	14	2	44	135	3348
5 MARCH	8 1954	8	16	103	6.4	229	10	0	0	0	3371
6 OCTOBER	17 1949	18	3	18	6.0	56	15	0	0	28	144
7 DECEMBER	23 1972	21	18	103	5.7	9	24	6	127	476	1081
8 DECEMBER	10 1948	23	25	137	5.5	9	15	30	76	203	1343
9 JANUARY	5 1966	19	17	89	5.2	11	10	0	181	434	2028
10 MARCH	19 1973	10	14	70	5.0	20	12	0	13	48	2230
11 FEBRUARY	26 1969	14	1	5	5.0	6	5	1	7	15	3548
12 MARCH	31 1963	8	98	468	4.8	13	22	0	14	84	2400
13 DECEMBER	17 1972	14	20	93	4.7	6	10	12	15	33	617
14 NOVEMBER	21 1960	10	6	27	4.5	12	10	0	93	309	788
15 OCTOBER	28 1979	5	8	35	4.4	19	12	0	72	211	530
16 MAY	26 1954	14	4	17	4.3	7	10	5	44	44	4006
17 DECEMBER	16 1950	23	6	25	4.2	7	9	3	104	158	2483
18 MARCH	1 1973	12	20	80	4.0	44	13	0	4	95	2010
19 JANUARY	28 1959	17	2	8	4.0	16	7	0	205	366	2486
20 NOVEMBER	24 1964	19	33	130	3.9	12	11	0	43	43	476
21 NOVEMBER	4 1972	10	33	126	3.8	23	15	0	16	47	88
22 MARCH	2 1950	17	7	26	3.7	7	6	1	1	169	3155
23 MAY	19 1968	21	25	90	3.6	142	20	0	0	25	3300
24 MAY	25 1968	12	20	70	3.5	27	11	0	7	179	3479
25 JANUARY	14 1962	14	2	7	3.5	44	4	0	18	20	1498
26 MAY	25 1971	0	5	17	3.4	101	6	0	0	11	4293
27 FEBRUARY	1 1967	7	6	20	3.3	53	5	0	0	393	2255
28 NOVEMBER	1 1955	3	34	110	3.2	6	15	2	39	220	672
29 OCTOBER	22 1968	3	8	25	3.1	28	6	0	45	144	521
30 DECEMBER	6 1955	23	22	66	3.0	11	13	0	74	191	1582
31 NOVEMBER	13 1950	19	3	9	3.0	136	6	0	0	18	1150
32 MAY	5 1976	10	1	3	3.0	14	3	0	1	28	3595
33 JANUARY	17 1962	3	1	3	3.0	6	3	2	2	29	1507
34 APRIL	11 1956	7	13	38	2.9	85	7	0	0	15	5092
35 JANUARY	17 1954	7	41	116	2.8	6	18	3	51	73	2070
36 FEBRUARY	12 1960	17	9	25	2.8	54	7	0	0	283	1603
37 JANUARY	20 1964	17	4	11	2.8	8	5	8	205	477	2145
38 MARCH	7 1977	19	30	80	2.7	78	12	0	0	140	790
39 FEBRUARY	18 1951	6	25	66	2.6	46	9	0	1	125	4021
40 MARCH	13 1971	16	26	67	2.6	10	12	4	115	248	3451
41 NOVEMBER	27 1970	7	25	63	2.5	16	10	0	91	272	906
42 MARCH	18 1967	16	4	10	2.5	9	5	8	40	157	2676
43 DECEMBER	30 1952	19	2	5	2.5	11	3	0	109	146	1097
44 OCTOBER	12 1954	14	28	68	2.4	11	9	0	17	19	19
45 APRIL	25 1967	19	18	43	2.4	8	10	2	2	7	2984
46 FEBRUARY	12 1956	1	12	28	2.3	11	7	0	1	13	3956
47 APRIL	18 1970	19	10	23	2.3	89	5	0	0	4	3778
48 APRIL	19 1974	17	4	9	2.3	9	6	1	1	1	5474
49 DECEMBER	16 1977	7	10	22	2.2	6	6	47	225	544	1566
50 NOVEMBER	16 1979	8	14	30	2.1	254	6	0	0	0	665

RETURN STATISTICS AT SALEM  
SORTED BY INTENSITY

DATE EVENT ENDED	HOUR	DURATION (HOURS)	MAGNITUDE (IN X 100)	AVERAGE INTENSITY (IN/HR X 100)	HOURS SINCE LAST EVENT	MAXIMUM INTENSITY (IN/HR X 100)	MAGNITUDE LAST 12 HRS (IN X 100)	MAGNITUDE LAST 48 HRS (IN X 100)	MAGNITUDE LAST 168 HRS (IN X 100)	MAGNITUDE YEAR SO FAR (IN X 100)	
51 NOVEMBER	6 1953	10	23	48	2.1	6	7	20	20	40	346
52 MARCH	27 1979	12	21	42	2.0	200	5	0	0	0	1922
53 JANUARY	22 1960	8	6	12	2.0	64	5	0	0	144	1075
54 FEBRUARY	23 1956	5	3	6	2.0	15	3	0	106	363	4363
55 JANUARY	15 1977	7	2	4	2.0	44	2	0	21	51	467
56 MAY	2 1976	16	1	2	2.0	21	2	0	23	31	3592
57 FEBRUARY	15 1960	12	1	2	2.0	9	2	9	40	161	1668
58 APRIL	15 1967	16	1	2	2.0	23	2	0	25	62	2937
59 APRIL	1 1974	12	26	51	2.0	21	9	0	108	382	5328
60 JANUARY	8 1961	23	32	61	1.9	23	8	0	112	158	1702
61 MAY	10 1970	21	6	11	1.8	6	7	2	23	82	4018
62 MAY	15 1959	1	29	52	1.8	78	8	0	0	34	3684
63 DECEMBER	2 1951	2	8	14	1.8	16	5	0	91	327	1441
64 MAY	13 1960	5	21	36	1.7	8	7	14	19	61	2869
65 APRIL	26 1967	19	6	10	1.7	17	9	0	45	49	3027
66 FEBRUARY	13 1975	17	52	86	1.7	6	10	2	25	130	2322
67 MAY	9 1959	14	5	8	1.6	18	7	0	25	93	3675
68 FEBRUARY	7 1958	5	20	31	1.6	7	5	6	12	178	2421
69 JANUARY	15 1967	14	6	9	1.5	50	7	0	0	68	1697
70 NOVEMBER	17 1953	21	2	3	1.5	15	2	0	179	251	664
71 APRIL	3 1974	16	2	3	1.5	11	2	0	9	390	5388
72 OCTOBER	10 1962	19	17	25	1.5	17	6	0	112	211	243
73 MAY	4 1963	12	7	10	1.4	35	3	0	12	57	3314
74 JANUARY	6 1976	0	8	11	1.4	6	3	13	89	141	1869
75 JANUARY	20 1955	5	3	4	1.3	71	2	0	0	109	1668
76 JANUARY	24 1954	17	23	30	1.3	21	4	0	93	208	2384
77 APRIL	13 1977	7	8	10	1.3	105	6	0	0	35	1129
78 FEBRUARY	28 1971	3	28	34	1.2	8	6	33	89	174	3066
79 DECEMBER	30 1979	14	11	13	1.2	17	3	0	8	92	1609
80 OCTOBER	3 1957	5	14	16	1.1	6	5	26	33	33	33
81 JANUARY	9 1965	0	9	10	1.1	7	3	4	6	135	2312
82 MAY	9 1962	14	18	19	1.1	8	6	2	31	119	2922
83 FEBRUARY	28 1963	19	9	9	1.0	46	2	0	2	47	2215
84 NOVEMBER	6 1951	13	5	5	1.0	50	3	0	0	17	746
85 MARCH	22 1949	0	3	3	1.0	7	2	14	37	169	3427
86 MARCH	16 1949	17	2	2	1.0	13	1	0	36	82	3294
87 MAY	15 1972	10	2	2	1.0	160	1	0	0	3	3901
88 FEBRUARY	18 1956	3	2	2	1.0	12	1	0	16	61	4016
89 FEBRUARY	18 1964	1	1	1	1.0	11	1	0	4	32	2557
90 OCTOBER	28 1969	3	1	1	1.0	6	1	5	126	149	432
91 MARCH	10 1951	16	1	1	1.0	10	1	1	10	239	4402
92 FEBRUARY	3 1976	10	1	1	1.0	164	1	0	0	16	2311
93 DECEMBER	4 1961	3	1	1	1.0	21	1	0	5	116	765
94 MAY	30 1971	12	1	1	1.0	101	1	0	0	75	4368
95 JANUARY	2 1958	14	1	1	1.0	10	1	7	19	90	1548
96 JANUARY	17 1976	3	1	1	1.0	62	1	0	0	196	2239
97 MAY	7 1964	21	1	1	1.0	15	1	0	5	29	3105
98 NOVEMBER	21 1959	8	1	1	1.0	7	1	15	45	111	291
99 FEBRUARY	11 1956	3	1	1	1.0	143	1	0	0	12	3955
100 FEBRUARY	6 1965	1	1	1	1.0	10	1	5	8	16	3003

164



RETURN STATISTICS AT SALEM  
SORTED BY INTENSITY

DATE EVENT ENDED	HOUR	DURATION (HOURS)	MAGNITUDE (IN X 100)	AVERAGE INTENSITY (IN/HR X 100)	HOURS SINCE LAST EVENT	MAXIMUM INTENSITY (IN/HR X 100)	MAGNITUDE LAST 12 HRS (IN X 100)	MAGNITUDE LAST 48 HRS (IN X 100)	MAGNITUDE LAST 168 HRS (IN X 100)	MAGNITUDE YEAR SO FAR (IN X 100)
101 DECEMBER	31 1951	3	1	1.0	29	1	0	42	174	2100
102 DECEMBER	23 1958	14	1	1.0	63	1	0	0	89	1191
103 JANUARY	15 1975	7	9	.9	44	4	0	1	60	1924
104 MARCH	27 1950	18	19	.8	6	5	12	24	95	3609
105 MAY	9 1973	14	13	.8	20	3	0	8	14	2576
106 DECEMBER	7 1961	7	7	.7	48	3	0	0	83	792
107 MARCH	18 1963	7	3	.7	9	1	3	3	50	2312
108 JANUARY	30 1965	16	8	.6	16	3	0	54	449	2987
109 NOVEMBER	14 1951	6	7	.6	6	2	26	64	334	1085
110 MARCH	13 1952	1	8	.5	15	1	0	7	41	3326
111 MARCH	28 1968	5	4	.5	7	1	1	2	89	3098
112 MARCH	23 1949	13	5	.4	31	1	0	17	136	3430

RETURN STATISTICS AT EUGENE  
SORTED BY INTENSITY

	DATE											
	EVENT ENDED	HOUR	DURATION	MAGNITUDE	AVERAGE	HOURS SINCE	MAXIMUM	MAGNITUDE	MAGNITUDE	MAGNITUDE	MAGNITUDE	
			(HOURS)	(IN X 100)	(IN/HR X 100)	LAST EVENT	INTENSITY	LAST 12 HRS	LAST 48 HRS	LAST 168 HRS	LAST YEAR	SO FAR
							(IN/HR X 100)	(IN X 100)	(IN X 100)	(IN X 100)	(IN X 100)	(IN X 100)
1	NOVEMBER	25 1960	5	55	684	37	12.4	0	12	197	683	
2	OCTOBER	19 1979	10	34	345	88	10.1	0	0	30	30	
3	APRIL	14 1957	16	7	63	6	9.0	13	30	70	3281	
4	DECEMBER	21 1972	12	4	33	6	8.3	37	160	505	1129	
5	OCTOBER	8 1950	10	5	39	34	7.8	0	12	248	248	
6	MAY	14 1974	12	3	22	45	7.3	0	2	12	7094	
7	FEBRUARY	26 1963	16	1	7	18	7.0	0	46	59	2345	
8	OCTOBER	13 1962	1	20	130	8	6.5	9	126	439	497	
9	NOVEMBER	12 1965	12	40	249	10	6.2	0	29	73	430	
10	JANUARY	8 1958	10	5	30	149	6.0	0	0	22	1898	
11	DECEMBER	21 1961	10	24	141	15	5.9	0	138	498	1911	
12	JANUARY	31 1953	17	5	28	58	5.6	0	0	133	2055	
13	JANUARY	15 1968	12	33	178	76	5.4	12	12	201	1553	
14	JANUARY	8 1960	12	26	134	24	5.2	0	11	11	652	
15	DECEMBER	2 1949	1	5	25	47	5.0	0	0	232	786	
16	DECEMBER	11 1956	7	35	174	57	5.0	0	0	140	1093	
17	JANUARY	18 1974	21	21	101	23	4.8	0	242	1000	4467	
18	OCTOBER	6 1962	3	3	14	67	4.7	0	0	58	58	
19	NOVEMBER	18 1960	14	32	144	25	4.5	0	38	292	487	
20	JANUARY	14 1952	5	10	44	50	4.4	0	0	156	2338	
21	NOVEMBER	11 1970	19	27	116	27	4.3	0	8	145	575	
22	OCTOBER	17 1958	17	6	25	216	4.2	0	0	0	18	
23	FEBRUARY	26 1958	19	72	292	29	4.1	0	49	81	3532	
24	APRIL	29 1963	7	3	12	97	4.0	0	0	17	3577	
25	APRIL	4 1978	0	1	4	30	4.0	0	102	134	4191	
26	DECEMBER	1 1966	7	13	51	8	3.9	9	18	34	1088	
27	JANUARY	18 1978	21	14	53	22	3.8	0	126	291	3389	
28	NOVEMBER	28 1955	23	6	22	42	3.7	0	1	235	1227	
29	MARCH	12 1972	10	17	61	11	3.6	0	88	118	4550	
30	APRIL	16 1957	21	4	14	50	3.5	0	0	133	3344	
31	NOVEMBER	15 1960	16	15	52	17	3.5	0	96	234	429	
32	NOVEMBER	14 1958	7	41	138	65	3.4	0	0	242	576	
33	DECEMBER	10 1966	7	24	79	27	3.3	0	89	548	1718	
34	MAY	1 1957	14	6	19	14	3.2	0	10	11	3373	
35	FEBRUARY	13 1950	10	14	43	13	3.1	0	12	129	2774	
36	MARCH	23 1955	16	6	18	18	3.0	0	72	72	1961	
37	MARCH	22 1956	5	2	6	29	3.0	0	18	18	5221	
38	APRIL	15 1979	12	1	3	6	3.0	2	11	121	2757	
39	MAY	9 1961	14	21	62	46	3.0	0	7	57	4446	
40	FEBRUARY	20 1954	19	8	23	7	2.9	13	66	164	3248	
41	FEBRUARY	18 1968	3	24	67	7	2.8	1	1	1	2282	
42	APRIL	27 1953	7	38	103	75	2.7	0	0	19	3196	
43	JANUARY	25 1958	8	3	8	9	2.7	2	102	129	2401	
44	MARCH	10 1953	14	14	36	180	2.6	0	0	0	2628	
45	JANUARY	22 1952	17	71	178	10	2.5	1	4	59	2397	
46	MARCH	7 1974	17	2	5	42	2.5	0	39	225	5809	
47	NOVEMBER	11 1949	14	11	27	7	2.5	5	111	144	338	
48	JANUARY	2 1963	12	19	45	35	2.4	0	10	28	1570	
49	JANUARY	30 1968	14	35	81	10	2.3	4	6	30	1901	
50	APRIL	15 1974	14	4	9	93	2.3	0	0	67	6991	

RETURN STATISTICS AT EUGENE  
SORTED BY INTENSITY

	DATE								MAGNITUDE	MAGNITUDE	MAGNITUDE	MAGNITUDE
	EVENT ENDED	HOUR	DURATION	MAGNITUDE	AVERAGE	HOURS SINCE	MAXIMUM		LAST	LAST	LAST	YEAR
			(HOURS)	(IN X 100)	(IN/HR X 100)	LAST EVENT	INTENSITY		12 HRS	48 HRS	168 HRS	SO FAR
							(IN/HR X 100)		(IN X 100)	(IN X 100)	(IN X 100)	(IN X 100)
51	DECEMBER	12 1966	5	18	39	2.2	28	8	0	65	481	1797
52	JANUARY	21 1970	10	20	42	2.1	21	10	0	21	318	2451
53	DECEMBER	8 1968	3	11	22	2.0	50	12	0	0	350	1637
54	JANUARY	5 1961	19	5	10	2.0	7	4	32	64	67	1752
55	FEBRUARY	5 1973	17	3	6	2.0	9	3	1	5	60	2210
56	OCTOBER	14 1964	14	2	4	2.0	158	3	0	0	14	14
57	DECEMBER	2 1966	21	2	4	2.0	13	2	0	81	106	1170
58	JANUARY	26 1974	1	1	2	2.0	10	2	5	29	33	4601
59	JANUARY	23 1967	8	1	2	2.0	25	2	0	15	368	2538
60	MARCH	9 1973	7	1	2	2.0	72	2	0	0	81	2552
61	MAY	21 1957	12	1	2	2.0	36	2	0	20	99	3677
62	OCTOBER	25 1977	23	20	39	2.0	11	11	0	57	57	126
63	JANUARY	19 1957	23	15	28	1.9	93	9	0	0	31	1626
64	OCTOBER	31 1979	3	15	27	1.8	6	7	33	50	218	785
65	MARCH	24 1957	3	4	7	1.8	44	3	0	9	65	3041
66	MARCH	20 1973	19	6	10	1.7	24	5	0	132	173	2781
67	MARCH	8 1956	7	11	18	1.6	51	5	0	0	275	5185
68	MARCH	20 1962	3	19	30	1.6	72	7	0	0	2	2884
69	MARCH	27 1950	19	33	50	1.5	10	8	1	15	139	3562
70	OCTOBER	6 1970	1	4	6	1.5	15	5	0	2	2	2
71	DECEMBER	7 1961	8	2	3	1.5	59	2	0	0	133	1407
72	NOVEMBER	13 1952	17	13	19	1.5	6	11	14	45	55	117
73	NOVEMBER	13 1968	8	5	7	1.4	19	2	0	71	351	1038
74	FEBRUARY	21 1971	19	6	8	1.3	48	2	0	0	150	3810
75	NOVEMBER	22 1963	14	13	17	1.3	15	5	0	6	54	927
76	OCTOBER	19 1973	21	4	5	1.3	189	3	0	0	0	14
77	JANUARY	14 1966	19	22	26	1.2	6	5	1	9	59	2728
78	NOVEMBER	26 1973	17	10	11	1.1	7	4	1	64	402	2006
79	FEBRUARY	17 1967	7	17	17	1.0	22	2	0	55	128	3107
80	MARCH	18 1952	6	5	5	1.0	6	3	30	30	36	3243
81	JANUARY	29 1965	10	3	3	1.0	7	2	4	240	585	4251
82	FEBRUARY	14 1973	10	2	2	1.0	48	1	0	0	26	2242
83	DECEMBER	26 1949	8	2	2	1.0	10	1	2	23	81	1223
84	DECEMBER	18 1963	23	2	2	1.0	7	1	2	2	7	1130
85	MARCH	26 1979	8	1	1	1.0	190	1	0	0	0	2450
86	APRIL	19 1961	16	1	1	1.0	12	1	0	33	40	4264
87	OCTOBER	25 1972	17	1	1	1.0	102	1	0	0	11	85
88	MAY	5 1950	1	1	1	1.0	11	1	0	36	95	3842
89	DECEMBER	30 1977	17	1	1	1.0	16	1	0	72	147	2660
90	MAY	17 1950	18	1	1	1.0	261	1	0	0	0	3851
91	FEBRUARY	18 1968	10	1	1	1.0	6	1	8	68	68	2349
92	APRIL	28 1949	23	1	1	1.0	9	1	1	3	18	3228
93	DECEMBER	29 1950	2	1	1	1.0	15	1	0	16	26	2628
94	JANUARY	25 1957	12	9	8	.9	7	2	4	19	56	1682
95	NOVEMBER	12 1955	0	15	12	.8	100	2	0	0	12	723
96	MAY	11 1951	11	4	3	.8	10	2	7	18	46	4590
97	JANUARY	7 1952	19	6	4	.7	28	3	0	43	89	2182
98	FEBRUARY	12 1974	14	5	3	.6	186	2	0	0	0	4811
99	FEBRUARY	6 1978	19	10	5	.5	17	2	0	9	191	3746
100	DECEMBER	20 1978	19	4	2	.5	70	1	0	0	8	966

RETURN STATISTICS AT EUGENE  
 SORTED BY INTENSITY

DATE EVENT ENDED	HOUR	DURATION (HOURS)	MAGNITUDE (IN X 100)	AVERAGE INTENSITY (IN/HR X 100)	HOURS SINCE LAST EVENT	MAXIMUM INTENSITY (IN/HR X 100)	MAGNITUDE LAST 12 HRS (IN X 100)	MAGNITUDE LAST 48 HRS (IN X 100)	MAGNITUDE LAST 168 HRS (IN X 100)	MAGNITUDE YEAR SO FAR (IN X 100)	
101 NOVEMBER	8	1949 0	5	2	.4	246	1	0	0	0	194

RETURN STATISTICS AT PORTLAND  
SORTED BY MAX RATE

	DATE							MAGNITUDE	MAGNITUDE	MAGNITUDE	MAGNITUDE	
	EVENT ENDED	HOUR	DURATION	MAGNITUDE	AVERAGE	HOURS SINCE	MAXIMUM	LAST	LAST	LAST	YEAR	
			(HOURS)	(IN X 100)	INTENSITY	LAST EVENT	INTENSITY	12 HRS	48 HRS	168 HRS	SO FAR	
					(IN/HR X 100)		(IN/HR X 100)	(IN X 100)	(IN X 100)	(IN X 100)	(IN X 100)	
1	JANUARY	26 1964	8	56	278	5.0	21	29	0	8	298	1833
2	JANUARY	9 1953	14	61	319	5.2	7	25	1	2	133	994
3	JANUARY	10 1950	16	27	146	5.4	7	23	3	45	249	1535
4	OCTOBER	6 1950	3	30	119	4.0	6	21	3	74	76	76
5	JANUARY	13 1973	12	24	100	4.2	8	20	17	116	116	1488
6	DECEMBER	10 1956	0	13	58	4.5	48	19	0	0	71	728
7	DECEMBER	11 1955	21	20	82	4.1	6	18	33	74	238	1688
8	NOVEMBER	19 1965	8	20	66	3.3	13	17	0	11	154	589
9	JANUARY	3 1965	5	37	94	2.5	34	16	0	3	202	1754
10	MAY	22 1962	21	12	38	3.2	60	16	0	0	5	2742
11	DECEMBER	9 1948	13	24	107	4.5	31	15	0	35	207	612
12	OCTOBER	4 1968	10	8	35	4.4	3002	15	0	0	0	0
13	JANUARY	24 1956	7	26	49	1.9	7	14	6	48	163	3421
14	DECEMBER	14 1962	3	10	65	6.5	188	14	0	0	0	1299
15	DECEMBER	19 1955	10	27	81	3.0	34	13	0	18	99	1815
16	JANUARY	16 1961	3	12	65	5.4	26	13	0	9	54	1629
17	MAY	11 1963	21	2	18	9.0	6	13	9	9	224	3193
18	APRIL	27 1950	16	27	38	1.4	90	12	0	0	5	3561
19	MARCH	22 1976	16	14	46	3.3	44	12	0	6	60	2699
20	DECEMBER	31 1963	21	7	24	3.4	9	12	6	6	82	1204
21	MARCH	26 1959	14	32	93	2.9	40	11	0	1	72	2617
22	NOVEMBER	12 1973	17	16	44	2.8	6	11	27	92	370	786
23	JANUARY	12 1962	17	8	31	3.9	128	11	0	0	44	1445
24	DECEMBER	22 1971	3	41	177	4.3	148	10	0	0	44	1251
25	JANUARY	14 1958	23	23	86	3.7	30	10	0	48	132	1411
26	FEBRUARY	18 1971	21	15	28	1.9	56	10	3	3	111	2475
27	NOVEMBER	30 1978	14	9	48	5.3	15	10	0	55	95	369
28	OCTOBER	3 1951	16	3	20	6.7	8	10	22	120	155	155
29	JANUARY	15 1969	17	23	49	2.1	7	9	1	50	222	2750
30	MARCH	21 1959	12	15	28	1.9	53	9	0	0	31	2576
31	JANUARY	16 1969	19	10	25	2.5	16	9	0	50	234	2799
32	APRIL	14 1957	16	5	23	4.6	9	9	18	32	68	2548
33	FEBRUARY	13 1962	21	32	70	2.2	46	8	0	2	155	1663
34	JANUARY	11 1952	11	20	40	2.0	7	8	1	39	102	1823
35	FEBRUARY	12 1952	1	14	13	.9	6	8	14	14	32	2362
36	DECEMBER	19 1952	7	10	17	1.7	76	8	0	0	6	627
37	NOVEMBER	28 1948	5	6	26	4.3	37	8	0	7	122	349
38	OCTOBER	27 1956	16	4	10	2.5	6	8	9	39	188	402
39	DECEMBER	16 1975	3	26	51	2.0	13	7	0	8	31	1241
40	JANUARY	24 1954	7	18	30	1.7	15	7	0	149	281	2428
41	DECEMBER	23 1956	12	12	31	2.6	45	7	0	6	67	973
42	APRIL	26 1959	7	10	17	1.7	212	7	0	0	0	2820
43	APRIL	17 1960	16	7	10	1.4	34	7	1	11	133	2408
44	NOVEMBER	18 1961	1	4	12	3.0	162	7	0	0	8	389
45	DECEMBER	11 1964	5	39	42	1.1	19	6	0	30	36	839
46	MARCH	27 1954	14	21	28	1.3	49	6	0	0	12	3366
47	OCTOBER	7 1950	3	15	23	1.5	9	6	25	121	195	195
48	DECEMBER	25 1971	10	12	25	2.1	7	6	1	120	298	1549
49	MARCH	10 1950	3	9	15	1.7	19	6	0	10	89	2999
50	MARCH	22 1961	8	7	15	2.1	30	6	0	4	54	3209

RETURN STATISTICS AT PORTLAND  
SORTED BY MAX RATE

DATE EVENT ENDED	YEAR	HOUR	DURATION (HOURS)	MAGNITUDE (IN X 100)	AVERAGE INTENSITY (IN/HR X 100)	HOURS SINCE LAST EVENT	MAXIMUM INTENSITY (IN/HR X 100)	MAGNITUDE LAST 12 HRS (IN X 100)	MAGNITUDE LAST 48 HRS (IN X 100)	MAGNITUDE LAST 168 HRS (IN X 100)	MAGNITUDE YEAR SO FAR (IN X 100)		
51	FEBRUARY	2	1978	17	4	18	4.5	9	6	5	91	130	2220
52	DECEMBER	27	1961	0	2	8	4.0	20	6	0	1	224	1317
53	NOVEMBER	11	1960	1	26	48	1.8	175	5	0	0	0	254
54	DECEMBER	13	1975	7	16	27	1.7	79	5	0	0	141	1213
55	FEBRUARY	28	1964	19	12	12	1.0	245	5	0	0	0	2229
56	JANUARY	22	1972	5	9	17	1.9	20	5	0	187	310	2115
57	APRIL	27	1952	13	6	24	4.0	50	5	0	0	2	2944
58	APRIL	11	1971	19	5	10	2.0	14	5	0	41	213	3359
59	NOVEMBER	13	1968	5	3	8	2.7	9	5	15	108	357	908
60	FEBRUARY	7	1949	6	1	5	5.0	8	5	2	35	80	1314
61	APRIL	18	1978	5	22	27	1.2	13	4	0	62	107	2823
62	FEBRUARY	7	1950	2	14	15	1.1	8	4	9	28	56	2342
63	MAY	1	1964	19	11	12	1.1	6	4	8	39	74	2649
64	MARCH	5	1960	14	9	12	1.3	7	4	33	67	81	1863
65	JANUARY	26	1949	16	7	13	1.9	113	4	0	0	38	1204
66	APRIL	25	1976	17	6	9	1.5	8	4	1	45	100	3076
67	FEBRUARY	28	1970	3	4	10	2.5	244	4	0	0	0	3080
68	JANUARY	21	1965	0	3	7	2.3	8	4	4	7	7	2043
69	OCTOBER	29	1951	1	1	4	4.0	114	4	0	0	214	677
70	MARCH	2	1956	10	20	16	.8	16	3	0	3	56	3886
71	DECEMBER	24	1955	1	13	9	.7	20	3	0	89	447	2247
72	APRIL	15	1958	3	9	7	.8	23	3	0	31	55	2774
73	FEBRUARY	19	1974	12	7	7	1.0	11	3	0	89	208	3559
74	MARCH	19	1949	7	5	9	1.8	8	3	4	62	138	1727
75	MAY	2	1953	21	4	8	2.0	22	3	0	30	117	3147
76	NOVEMBER	23	1979	10	3	7	2.3	8	3	4	108	156	745
77	DECEMBER	23	1978	8	2	5	2.5	18	3	0	12	39	654
78	JANUARY	14	1978	5	2	4	2.0	10	3	2	25	125	1930
79	NOVEMBER	13	1963	12	1	3	3.0	57	3	0	0	140	562
80	APRIL	27	1959	16	27	15	.6	6	2	5	17	17	2837
81	APRIL	28	1962	14	11	9	.8	20	2	0	147	169	2582
82	OCTOBER	4	1975	1	8	6	.8	10	2	1	36	36	36
83	APRIL	24	1963	17	6	9	1.5	92	2	0	0	83	2909
84	JANUARY	3	1973	7	5	8	1.6	8	2	2	16	49	1360
85	JANUARY	20	1956	8	4	8	2.0	16	2	0	54	331	3359
86	FEBRUARY	20	1975	8	4	4	1.0	11	2	0	100	144	2712
87	JANUARY	10	1959	14	3	4	1.3	6	2	17	169	281	1581
88	OCTOBER	27	1975	0	3	3	1.0	9	2	0	48	136	300
89	MARCH	3	1972	17	2	3	1.5	22	2	0	70	292	2722
90	JANUARY	23	1957	7	2	3	1.5	14	2	0	12	38	1221
91	DECEMBER	18	1977	19	1	2	2.0	25	2	0	33	450	1598
92	MAY	19	1952	10	1	2	2.0	119	2	0	0	20	3116
93	OCTOBER	24	1969	16	1	2	2.0	8	2	4	20	20	216
94	OCTOBER	15	1949	6	1	2	2.0	71	2	0	0	29	185
95	DECEMBER	28	1953	0	9	6	.7	17	1	0	26	48	1751
96	APRIL	15	1959	10	7	2	.3	13	1	0	14	14	2817
97	NOVEMBER	15	1959	8	6	2	.3	71	1	0	0	1	393
98	MAY	21	1952	3	4	4	1.0	37	1	0	2	4	3118
99	APRIL	19	1973	19	3	3	1.0	15	1	0	36	120	2280
100	MARCH	1	1951	0	3	2	.7	73	1	0	0	15	3470

RETURN STATISTICS AT PORTLAND  
SORTED BY MAX RATE

DATE EVENT ENDED	HOUR	DURATION (HOURS)	MAGNITUDE (IN X 100)	AVERAGE INTENSITY (IN/HR X 100)	HOURS SINCE LAST EVENT	MAXIMUM INTENSITY (IN/HR X 100)	MAGNITUDE LAST 12 HRS (IN X 100)	MAGNITUDE LAST 48 HRS (IN X 100)	MAGNITUDE LAST 168 HRS (IN X 100)	MAGNITUDE YEAR SO FAR (IN X 100)
101 DECEMBER	27 1951	7	2	1.0	6	1	11	16	43	1642
102 OCTOBER	25 1973	7	2	1.0	17	1	0	13	125	257
103 FEBRUARY	27 1953	23	2	1.0	124	1	0	0	13	2544
104 DECEMBER	26 1949	3	1	1.0	9	1	2	52	176	1188
105 NOVEMBER	17 1977	14	1	1.0	28	1	0	4	126	434
106 APRIL	28 1965	3	1	1.0	94	1	0	0	8	3046
107 JANUARY	6 1975	12	1	1.0	13	1	0	57	185	1677
108 FEBRUARY	5 1957	21	1	1.0	27	1	0	5	46	1270
109 FEBRUARY	14 1969	17	1	1.0	48	1	0	0	253	3285
110 MAY	25 1959	16	1	1.0	162	1	0	0	4	3131
111 APRIL	8 1974	16	1	1.0	46	1	0	2	60	4423
112 JANUARY	31 1950	21	1	1.0	40	1	0	25	107	2286
113 NOVEMBER	5 1972	5	1	1.0	7	1	1	73	112	199
114 FEBRUARY	9 1950	6	1	1.0	15	1	0	69	139	2426
115 APRIL	15 1965	21	1	1.0	53	1	0	0	18	2859
116 JANUARY	28 1959	14	1	1.0	10	1	2	91	249	2006
117 JANUARY	17 1954	3	1	1.0	6	1	20	91	128	2173

RETURN STATISTICS AT SALEM  
SORTED BY MAX RATE

DATE	AVERAGE	HOURS SINCE	MAXIMUM	MAGNITUDE	MAGNITUDE	MAGNITUDE	MAGNITUDE
EVENT ENDED	INTENSITY	LAST EVENT	INTENSITY	LAST 12 HRS	LAST 48 HRS	LAST 168 HRS	LAST YEAR SO FAR
HOUR DURATION (HOURS)	(IN X 100)		(IN/HR X 100)	(IN X 100)	(IN X 100)	(IN X 100)	(IN X 100)
1 NOVEMBER 29 1971 1 36 130 3.6 7 34 6 137 237 792							
2 FEBRUARY 13 1954 17 58 344 5.9 23 28 0 2 2 2786							
3 OCTOBER 14 1965 12 8 50 6.3 29 26 1 15 15 86							
4 DECEMBER 5 1963 21 10 60 6.0 10 24 1 12 12 1023							
5 JANUARY 4 1952 0 16 74 4.6 76 22 0 0 107 2101							
6 DECEMBER 31 1970 3 38 247 6.5 6 20 29 146 167 1770							
7 DECEMBER 20 1953 19 51 257 5.0 19 19 0 32 39 1470							
8 FEBRUARY 8 1950 8 7 57 8.1 21 19 0 46 162 2694							
9 FEBRUARY 17 1979 1 23 78 3.4 12 18 0 10 191 1436							
10 NOVEMBER 9 1963 3 45 149 3.3 19 17 0 31 156 515							
11 DECEMBER 24 1973 17 10 45 4.5 27 17 0 14 250 2719							
12 OCTOBER 21 1956 5 19 117 6.2 47 16 0 0 151 201							
13 JANUARY 18 1970 21 56 202 3.6 9 15 11 79 274 2084							
14 DECEMBER 16 1973 12 18 166 9.2 10 15 3 44 306 2253							
15 DECEMBER 6 1970 12 6 32 5.3 23 15 0 31 263 1235							
16 FEBRUARY 21 1968 14 23 80 3.5 10 14 6 278 395 2596							
17 NOVEMBER 13 1977 3 10 51 5.1 25 14 0 12 14 318							
18 DECEMBER 24 1955 1 35 52 1.5 6 13 7 220 497 2387							
19 DECEMBER 12 1948 0 15 68 4.5 11 13 0 167 338 1480							
20 MAY 27 1958 23 2 17 8.5 13 13 0 29 54 3814							
21 FEBRUARY 25 1961 21 21 51 2.4 6 12 46 46 154 3017							
22 DECEMBER 11 1956 5 10 61 6.1 10 12 4 43 110 881							
23 FEBRUARY 16 1949 6 42 111 2.6 11 11 0 1 289 2390							
24 FEBRUARY 8 1955 7 16 56 3.5 21 11 0 11 57 1784							
25 FEBRUARY 24 1951 17 6 15 2.5 77 11 0 0 41 4109							
26 FEBRUARY 17 1962 16 23 41 1.8 6 10 16 20 136 1801							
27 MARCH 31 1957 1 13 68 5.2 9 10 1 66 85 2543							
28 NOVEMBER 7 1971 7 7 39 5.6 64 10 0 0 35 336							
29 APRIL 8 1976 17 3 15 5.0 13 10 0 20 24 3405							
30 NOVEMBER 28 1978 19 26 64 2.5 181 9 0 0 0 335							
31 JANUARY 6 1965 10 14 25 1.8 6 9 1 31 119 2281							
32 MAY 26 1977 1 9 23 2.6 46 9 0 2 23 1409							
33 MARCH 9 1956 12 4 16 4.0 15 9 0 68 215 4757							
34 JANUARY 25 1971 17 30 94 3.1 29 8 0 14 150 2569							
35 NOVEMBER 26 1975 19 19 24 1.3 76 8 0 0 45 1010							
36 JANUARY 16 1978 5 10 31 3.1 16 8 0 13 91 2111							
37 MARCH 23 1968 21 7 20 2.9 7 8 1 3 40 3012							
38 MARCH 17 1964 12 3 12 4.0 68 8 0 0 93 2838							
39 MARCH 15 1979 19 24 31 1.3 189 7 0 10 10 1870							
40 OCTOBER 9 1961 0 16 20 1.3 3104 7 0 12 13 0							
41 FEBRUARY 9 1979 1 10 26 2.6 14 7 0 132 184 1219							
42 NOVEMBER 7 1965 19 7 22 3.1 13 7 0 15 140 360							
43 OCTOBER 16 1954 21 5 12 2.4 97 7 0 0 85 87							
44 APRIL 24 1960 16 2 8 4.0 28 7 0 1 112 2770							
45 MARCH 29 1967 1 21 34 1.6 60 6 0 0 70 2769							
46 NOVEMBER 8 1958 5 15 29 1.9 25 6 0 58 106 329							
47 MAY 13 1957 5 11 13 1.2 32 6 0 2 86 2951							
48 JANUARY 11 1967 1 8 22 2.8 105 6 0 0 81 1629							
49 JANUARY 23 1961 10 6 9 1.5 147 6 0 0 6 1868							
50 APRIL 29 1969 12 4 11 2.8 13 6 0 69 97 3956							



RETURN STATISTICS AT SALEM  
SORTED BY MAX RATE

DATE EVENT ENDED	HOUR	DURATION (HOURS)	MAGNITUDE (IN X 100)	AVERAGE INTENSITY (IN/HR X 100)	HOURS SINCE LAST EVENT	MAXIMUM INTENSITY (IN/HR X 100)	MAGNITUDE LAST 12 HRS (IN X 100)	MAGNITUDE LAST 48 HRS (IN X 100)	MAGNITUDE LAST 168 HRS (IN X 100)	MAGNITUDE YEAR SO FAR (IN X 100)
51 FEBRUARY	28 1976	1	6	6.0	9	6	1	131	426	2990
52 DECEMBER	24 1957	21	27	1.3	10	5	1	27	446	1353
53 MAY	1 1965	21	16	1.1	22	5	0	2	9	3477
54 MARCH	26 1963	17	12	1.2	39	5	0	1	70	2386
55 MARCH	18 1952	8	9	1.1	6	5	21	23	62	3384
56 FEBRUARY	2 1975	16	7	1.4	19	5	0	5	16	2148
57 APRIL	27 1952	13	5	2.2	50	5	0	0	18	3585
58 APRIL	15 1972	10	3	2.7	68	5	0	0	88	3800
59 FEBRUARY	9 1966	1	1	5.0	8	5	4	17	43	2418
60 FEBRUARY	22 1958	16	20	1.5	48	4	0	0	167	2888
61 DECEMBER	24 1977	1	14	.9	10	4	5	14	59	1647
62 FEBRUARY	3 1960	1	10	1.0	11	4	0	51	100	1248
63 OCTOBER	6 1962	5	8	1.3	75	4	0	0	32	32
64 JANUARY	9 1956	10	6	2.7	28	4	0	12	583	3286
65 MAY	31 1971	21	5	2.8	27	4	0	1	76	4369
66 APRIL	26 1950	16	4	2.0	87	4	0	0	4	3790
67 MAY	10 1964	10	3	2.0	57	4	0	0	20	3106
68 MAY	7 1964	5	2	2.5	37	4	0	11	41	3100
69 MARCH	5 1962	19	21	.7	13	3	0	30	91	1995
70 DECEMBER	9 1948	0	12	1.4	33	3	0	31	284	1267
71 MAY	5 1956	8	10	.5	7	3	6	15	24	5155
72 FEBRUARY	22 1962	14	7	1.9	112	3	0	0	58	1842
73 APRIL	25 1955	19	5	2.2	54	3	0	0	123	2799
74 JANUARY	25 1955	5	4	2.3	75	3	0	0	17	1685
75 DECEMBER	7 1977	7	3	1.7	12	3	0	52	161	1017
76 APRIL	16 1950	19	2	2.5	26	3	0	18	92	3781
77 MAY	5 1976	10	1	3.0	14	3	0	1	28	3595
78 DECEMBER	5 1962	19	1	3.0	50	3	0	0	140	1373
79 FEBRUARY	14 1967	16	12	.8	6	2	1	48	65	2345
80 NOVEMBER	8 1964	14	9	.6	83	2	0	0	163	257
81 JANUARY	12 1950	10	7	.7	17	2	0	60	530	1911
82 FEBRUARY	6 1953	10	5	1.6	11	2	0	73	200	2827
83 MAY	2 1953	19	4	1.5	27	2	0	4	107	3801
84 MAY	27 1959	14	3	1.7	17	2	0	10	10	3786
85 NOVEMBER	27 1967	19	3	1.0	58	2	0	0	29	627
86 OCTOBER	9 1975	21	2	1.5	8	2	2	15	94	94
87 APRIL	2 1950	14	2	1.5	33	2	0	6	49	3646
88 MARCH	2 1955	12	1	2.0	11	2	0	72	140	1985
89 MAY	6 1968	10	1	2.0	18	2	0	12	15	3259
90 MAY	16 1966	10	1	2.0	16	2	0	20	21	3375
91 FEBRUARY	13 1963	8	1	2.0	11	2	0	1	2	2107
92 JANUARY	21 1955	10	7	.9	22	1	0	4	98	1672
93 NOVEMBER	15 1978	17	6	.5	168	1	0	0	0	120
94 MARCH	19 1973	21	4	1.0	8	1	20	72	108	2300
95 FEBRUARY	10 1960	3	4	.5	7	1	2	170	348	1601
96 MARCH	26 1972	8	3	.7	17	1	0	12	136	3511
97 MARCH	30 1950	19	2	1.0	7	1	11	11	60	3638
98 FEBRUARY	10 1975	5	2	1.0	8	1	3	48	142	2300
99 APRIL	18 1958	14	2	1.0	17	1	0	84	150	3606
100 OCTOBER	29 1949	6	1	1.0	18	1	0	63	68	230

RETURN STATISTICS AT SALEM  
SORTED BY MAX RATE

DATE EVENT ENDED	HOUR	DURATION (HOURS)	MAGNITUDE (IN X 100)	AVERAGE INTENSITY (IN/HR X 100)	HOURS SINCE LAST EVENT	MAXIMUM INTENSITY (IN/HR X 100)	MAGNITUDE LAST 12 HRS (IN X 100)	MAGNITUDE LAST 48 HRS (IN X 100)	MAGNITUDE LAST 168 HRS (IN X 100)	MAGNITUDE YEAR SO FAR (IN X 100)
101 DECEMBER	27 1978	10	1	1.0	95	1	0	0	60	744
102 FEBRUARY	4 1961	21	1	1.0	25	1	0	1	236	2115
103 MAY	24 1976	16	1	1.0	8	1	4	8	28	3648
104 FEBRUARY	14 1957	8	1	1.0	13	1	0	12	97	1435
105 APRIL	10 1971	5	1	1.0	12	1	0	251	275	4069
106 MARCH	1 1968	19	1	1.0	163	1	0	0	10	2768
107 JANUARY	17 1976	3	1	1.0	62	1	0	0	196	2239
108 MARCH	13 1966	14	1	1.0	8	1	16	29	340	3007
109 DECEMBER	7 1950	15	1	1.0	14	1	0	142	281	2318
110 OCTOBER	9 1963	3	1	1.0	20	1	0	1	17	17
111 JANUARY	11 1956	10	1	1.0	14	1	0	14	252	3316
112 MARCH	14 1963	16	1	1.0	10	1	2	2	5	2267

RETURN STATISTICS AT EUGENE  
SORTED BY MAX RATE

DATE EVENT ENDED	HOUR	DURATION (HOURS)	MAGNITUDE (IN X 100)	AVERAGE INTENSITY (IN/HR X 100)	HOURS SINCE LAST EVENT	MAXIMUM INTENSITY (IN/HR X 100)	MAGNITUDE LAST 12 HRS (IN X 100)	MAGNITUDE LAST 48 HRS (IN X 100)	MAGNITUDE LAST 168 HRS (IN X 100)	MAGNITUDE YEAR SO FAR (IN X 100)	
1 JANUARY	22 1972	7	81	608	7.5	6	40	2	155	163	2733
2 NOVEMBER	7 1975	19	17	56	3.3	8	35	24	50	50	619
3 MAY	17 1972	5	32	263	8.2	7	31	2	2	2	5471
4 NOVEMBER	19 1966	12	9	116	12.9	32	29	0	2	504	932
5 DECEMBER	7 1973	8	21	186	8.9	23	27	0	11	65	2315
6 JANUARY	9 1953	3	53	241	4.5	7	25	4	4	89	1051
7 JANUARY	30 1958	23	27	148	5.5	12	24	0	224	364	2663
8 DECEMBER	6 1952	7	15	67	4.5	7	23	10	99	236	440
9 FEBRUARY	13 1954	5	41	152	3.7	28	21	0	1	1	2932
10 JANUARY	25 1965	10	64	243	3.8	13	20	0	14	16	3666
11 APRIL	30 1952	13	12	32	2.7	41	20	0	6	9	3429
12 DECEMBER	3 1948	2	26	142	5.5	35	19	0	14	116	825
13 NOVEMBER	9 1973	16	49	230	4.7	12	18	0	66	387	624
14 NOVEMBER	10 1960	19	12	110	9.2	180	18	0	0	0	195
15 MARCH	17 1950	10	35	145	4.1	57	17	0	0	56	3244
16 DECEMBER	15 1956	19	8	36	4.5	34	17	0	2	223	1316
17 JANUARY	16 1968	23	23	131	5.7	12	16	0	178	331	1731
18 MAY	9 1967	10	8	78	9.8	221	16	0	0	0	3772
19 MARCH	14 1971	21	21	41	2.0	9	15	4	75	286	4418
20 NOVEMBER	29 1977	3	3	27	9.0	31	15	0	34	629	1172
21 APRIL	20 1960	10	17	38	2.2	14	14	0	37	152	2976
22 NOVEMBER	25 1974	1	7	33	4.7	27	14	0	28	211	707
23 MAY	31 1949	19	22	48	2.2	215	13	0	17	17	3485
24 MAY	8 1962	12	5	32	6.4	28	13	0	15	92	3801
25 NOVEMBER	6 1963	10	22	61	2.8	11	12	0	51	72	301
26 NOVEMBER	30 1973	5	11	20	1.8	10	12	6	211	376	2250
27 NOVEMBER	25 1954	7	2	15	7.5	141	12	0	0	29	723
28 OCTOBER	12 1954	17	15	70	4.7	16	11	0	33	40	40
29 MARCH	14 1963	7	7	18	2.6	52	11	0	0	6	2396
30 FEBRUARY	7 1950	2	32	51	1.6	7	10	4	29	67	2636
31 OCTOBER	19 1954	14	16	61	3.8	50	10	0	0	73	113
32 OCTOBER	28 1972	14	10	38	3.8	7	10	2	2	14	88
33 OCTOBER	18 1951	15	4	29	7.3	64	10	0	0	63	299
34 JANUARY	24 1979	19	22	30	1.4	96	9	0	0	13	1215
35 DECEMBER	14 1950	8	13	32	2.5	17	9	0	2	80	2489
36 MARCH	13 1961	10	7	19	2.7	6	9	23	61	265	3904
37 DECEMBER	1 1968	17	31	58	1.9	20	8	0	28	98	1273
38 MAY	8 1970	10	16	47	2.9	179	8	0	0	0	4188
39 MAY	18 1959	10	11	29	2.6	16	8	0	28	107	3834
40 NOVEMBER	28 1955	23	6	22	3.7	42	8	0	1	235	1227
41 NOVEMBER	3 1965	0	2	12	6.0	150	8	0	0	18	243
42 APRIL	8 1975	3	20	55	2.8	13	7	0	3	61	3916
43 JANUARY	19 1970	17	12	21	1.8	19	7	0	61	331	2430
44 FEBRUARY	6 1959	7	6	15	2.5	139	7	0	0	2	2661
45 APRIL	23 1970	14	2	10	5.0	6	7	2	4	54	4041
46 APRIL	16 1958	5	17	36	2.1	45	6	0	5	14	4170
47 MARCH	28 1967	17	12	18	1.5	89	6	0	0	94	3442
48 NOVEMBER	5 1966	14	8	14	1.8	150	6	0	0	4	193
49 OCTOBER	1 1969	14	4	20	5.0	2986	6	0	0	0	0
50 FEBRUARY	15 1963	17	3	12	4.0	52	6	0	0	38	2152

RETURN STATISTICS AT EUGENE  
SORTED BY MAX RATE

DATE	AVERAGE	HOURS SINCE	MAXIMUM	MAGNITUDE	MAGNITUDE	MAGNITUDE	MAGNITUDE
EVENT ENDED	INTENSITY	LAST EVENT	INTENSITY	LAST	LAST	LAST	YEAR
(HOURS)	(IN/HR X 100)	LAST EVENT	(IN/HR X 100)	12 HRS	48 HRS	168 HRS	SO FAR
				(IN X 100)	(IN X 100)	(IN X 100)	(IN X 100)
51 MARCH 18 1967 3 26 40 1.5 10 5 2 10 52 3308							
52 FEBRUARY 13 1964 1 14 20 1.4 43 5 0 9 9 2829							
53 FEBRUARY 28 1970 14 10 12 1.2 244 5 0 0 0 3626							
54 NOVEMBER 30 1979 7 7 18 2.6 84 5 0 0 191 1403							
55 DECEMBER 12 1967 10 5 10 2.0 27 5 0 6 84 1220							
56 JANUARY 19 1979 10 3 8 2.7 121 5 0 0 34 1202							
57 DECEMBER 21 1950 18 1 5 5.0 51 5 0 0 64 2596							
58 DECEMBER 28 1950 10 16 16 1.0 19 4 0 5 16 2612							
59 DECEMBER 3 1966 17 10 9 .9 10 4 4 35 110 1174							
60 FEBRUARY 28 1956 17 7 21 3.0 32 4 0 20 145 4887							
61 FEBRUARY 26 1959 17 5 15 3.0 20 4 0 2 16 3187							
62 JANUARY 14 1958 1 4 10 2.5 24 4 0 83 227 2125							
63 MARCH 17 1968 3 3 6 2.0 7 4 2 38 192 2945							
64 NOVEMBER 19 1959 7 2 6 3.0 14 4 0 8 8 243							
65 MARCH 22 1949 21 1 4 4.0 16 4 0 16 121 3114							
66 JANUARY 1 1950 19 11 12 1.1 6 3 1 25 85 1291							
67 MARCH 12 1951 1 8 5 .6 51 3 0 0 237 4397							
68 JANUARY 7 1952 19 6 4 .7 28 3 0 43 89 2182							
69 MARCH 21 1958 19 4 5 1.3 8 3 4 7 19 3944							
70 DECEMBER 4 1974 12 3 4 1.3 11 3 0 46 50 851							
71 OCTOBER 25 1973 5 2 4 2.0 10 3 1 21 130 144							
72 FEBRUARY 11 1956 3 1 3 3.0 150 3 0 0 10 4391							
73 FEBRUARY 17 1967 7 17 17 1.0 22 2 0 55 128 3107							
74 MAY 23 1977 14 9 7 .8 47 2 0 0 27 1703							
75 FEBRUARY 18 1956 7 7 3 .4 10 2 5 24 59 4450							
76 MARCH 2 1953 12 5 4 .8 52 2 0 0 10 2624							
77 MAY 2 1977 17 4 4 1.0 9 2 8 41 83 1560							
78 FEBRUARY 15 1970 14 3 4 1.3 65 2 2 0 14 3419							
79 NOVEMBER 23 1953 17 2 4 2.0 9 2 13 0 428 904							
80 NOVEMBER 28 1967 10 2 3 1.5 14 2 0 11 14 707							
81 APRIL 4 1969 1 2 3 1.5 30 2 0 35 35 4450							
82 FEBRUARY 2 1955 8 1 2 2.0 16 2 0 36 43 1560							
83 DECEMBER 25 1976 5 1 2 2.0 991 2 0 0 0 240							
84 APRIL 13 1963 7 1 2 2.0 9 2 6 86 152 3333							
85 FEBRUARY 16 1964 7 1 2 2.0 20 2 0 24 53 2873							
86 JANUARY 30 1949 7 11 4 .4 55 1 0 0 8 1853							
87 OCTOBER 3 1975 10 6 3 .5 3268 1 0 0 0 0							
88 JANUARY 26 1952 7 5 2 .4 43 1 0 5 204 2600							
89 FEBRUARY 19 1950 0 4 2 .5 64 1 0 0 128 2893							
90 JANUARY 14 1960 5 2 2 1.0 8 1 6 6 202 854							
91 DECEMBER 14 1974 21 2 2 1.0 7 1 32 187 323 1242							
92 MARCH 25 1961 16 2 2 1.0 33 1 0 6 145 4113							
93 FEBRUARY 13 1960 5 1 1 1.0 6 1 6 39 404 1701							
94 NOVEMBER 7 1977 12 1 1 1.0 9 1 2 5 94 378							
95 NOVEMBER 20 1948 2 1 1 1.0 13 1 0 41 250 658							
96 DECEMBER 2 1973 0 1 1 1.0 17 1 0 36 327 2288							
97 NOVEMBER 30 1967 21 1 1 1.0 7 1 10 112 134 827							
98 OCTOBER 28 1959 14 1 1 1.0 150 1 0 0 11 222							
99 MARCH 15 1960 0 1 1 1.0 7 1 0 24 189 2425							
100 OCTOBER 30 1952 11 1 1 1.0 20 1 0 14 32 34							

RETURN STATISTICS AT EUGENE  
 SORTED BY MAX RATE

DATE EVENT ENDED	HOUR	DURATION (HOURS)	MAGNITUDE (IN X 100)	AVERAGE INTENSITY (IN/HR X 100)	HOURS SINCE LAST EVENT	MAXIMUM INTENSITY (IN/HR X 100)	MAGNITUDE LAST 12 HRS (IN X 100)	MAGNITUDE LAST 48 HRS (IN X 100)	MAGNITUDE LAST 168 HRS (IN X 100)	MAGNITUDE YEAR SO FAR (IN X 100)
101 MARCH	31	1952 2	1	1.0	7	1	4	10	22	3331

RETURN STATISTICS AT PORTLAND  
SORTED BY HRS BTWN

DATE EVENT ENDED	DATE EVENT ENDED	HOUR	DURATION (HOURS)	MAGNITUDE (IN X 100)	AVERAGE INTENSITY (IN/HR X 100)	HOURS SINCE LAST EVENT	MAXIMUM INTENSITY (IN/HR X 100)	MAGNITUDE LAST 12 HRS (IN X 100)	MAGNITUDE LAST 48 HRS (IN X 100)	MAGNITUDE LAST 168 HRS (IN X 100)	MAGNITUDE YEAR SO FAR (IN X 100)	
1	JANUARY	31 1969	19	23	56	2.4	6	10	1	57	115	2942
2	MARCH	7 1960	12	14	24	1.7	6	9	3	17	98	1880
3	JANUARY	11 1953	14	9	46	5.1	6	12	34	56	366	1358
4	OCTOBER	29 1950	16	7	17	2.4	6	4	1	108	249	626
5	FEBRUARY	22 1977	16	5	9	1.78	6	5	10	59	59	549
6	JANUARY	10 1959	14	3	4	1.3	6	2	17	169	281	1581
7	NOVEMBER	2 1958	21	2	3	1.5	6	2	8	18	41	167
8	DECEMBER	24 1970	17	1	2	2.0	6	2	1	4	44	1342
9	FEBRUARY	3 1975	14	1	1	1.0	6	1	4	6	7	2342
10	NOVEMBER	15 1954	19	39	69	1.8	7	8	12	28	134	533
11	NOVEMBER	21 1953	21	22	83	3.8	7	18	1	46	256	708
12	MARCH	18 1949	7	15	45	3.0	7	10	12	52	88	1677
13	NOVEMBER	14 1957	1	9	41	4.6	7	15	8	109	168	521
14	NOVEMBER	10 1958	1	6	10	1.7	7	4	31	105	318	485
15	MARCH	13 1960	17	4	7	1.8	7	2	4	14	112	1989
16	MARCH	16 1968	3	2	3	1.5	7	2	23	78	112	2438
17	NOVEMBER	27 1962	14	1	1	1.0	7	1	1	122	242	1174
18	MARCH	5 1974	23	1	1	1.0	7	1	20	47	212	3877
19	FEBRUARY	16 1976	7	23	66	2.9	8	13	5	22	63	2132
20	MARCH	10 1951	15	14	5	.4	8	1	1	72	187	3659
21	FEBRUARY	3 1960	5	7	25	3.6	8	10	2	23	132	1405
22	JANUARY	25 1968	21	4	7	1.8	8	4	1	10	22	1510
23	MARCH	29 1967	16	2	6	3.0	8	5	2	27	67	2753
24	MARCH	9 1957	14	1	3	3.0	8	3	16	137	360	2026
25	OCTOBER	15 1971	3	1	1	1.0	8	1	18	29	29	29
26	OCTOBER	25 1957	0	24	47	2.0	9	7	5	57	57	239
27	OCTOBER	26 1972	14	15	13	.9	9	5	14	14	34	48
28	MARCH	21 1949	0	8	17	2.1	9	13	2	25	144	1752
29	OCTOBER	10 1949	17	4	10	2.5	9	4	1	12	168	168
30	FEBRUARY	13 1965	14	2	6	3.0	9	4	8	55	66	2572
31	JANUARY	2 1955	1	1	1	1.0	9	1	4	33	132	1356
32	DECEMBER	7 1970	3	20	41	2.1	10	8	7	60	228	1030
33	APRIL	8 1972	10	11	40	3.6	10	14	11	41	121	3254
34	NOVEMBER	28 1975	1	7	2	.3	10	1	10	52	85	786
35	MARCH	10 1952	1	2	4	2.0	10	3	5	42	131	2648
36	MAY	31 1955	3	1	1	1.0	10	1	7	14	21	2817
37	DECEMBER	9 1969	17	21	16	.9	11	5	0	26	42	662
38	JANUARY	1 1953	21	8	31	3.9	11	7	0	35	115	861
39	MARCH	19 1973	21	4	5	1.3	11	3	0	59	80	2096
40	FEBRUARY	14 1963	5	1	1	1.0	11	1	0	7	7	1946
41	DECEMBER	30 1962	10	23	98	4.3	12	8	0	2	2	1413
42	FEBRUARY	4 1963	19	7	17	2.4	12	6	0	89	311	1911
43	JANUARY	17 1969	7	1	3	3.0	12	3	0	36	227	2824
44	APRIL	22 1955	7	72	73	1.0	13	5	0	16	122	2534
45	OCTOBER	27 1960	21	15	26	1.7	13	4	0	56	85	188
46	DECEMBER	28 1967	3	7	10	1.4	13	2	0	24	134	1164
47	NOVEMBER	15 1948	22	2	5	2.5	13	3	0	42	48	92
48	JANUARY	30 1961	10	34	79	2.3	14	8	0	3	3	1705
49	NOVEMBER	14 1960	10	10	28	2.8	14	15	0	41	89	343
50	MARCH	30 1957	1	4	3	.8	14	2	0	53	55	2343

RETURN STATISTICS AT PORTLAND  
SORTED BY HRS BTWN

	DATE							MAGNITUDE	MAGNITUDE	MAGNITUDE	MAGNITUDE
	EVENT ENDED	HOUR	DURATION	MAGNITUDE	AVERAGE	HOURS SINCE	MAXIMUM	LAST	LAST	LAST	YEAR
			(HOURS)	(IN X 100)	(IN/HR X 100)	LAST EVENT	INTENSITY	12 HRS	48 HRS	168 HRS	SO FAR
							(IN/HR X 100)	(IN X 100)	(IN X 100)	(IN X 100)	(IN X 100)
51	NOVEMBER	24 1964	17	34	162	4.8	15	13	0	25	349
52	NOVEMBER	13 1952	15	9	20	2.2	15	6	0	30	141
53	MARCH	14 1950	5	2	2	1.0	15	1	0	1	3039
54	MARCH	9 1966	19	52	165	3.2	16	21	0	65	2351
55	APRIL	19 1975	5	11	22	2.0	16	4	0	8	3216
56	APRIL	27 1955	12	4	4	1.0	16	1	0	49	2676
57	MARCH	14 1968	12	17	37	2.2	17	17	0	28	2355
58	MARCH	30 1951	16	5	16	3.2	17	5	0	15	3841
59	MAY	2 1950	9	1	1	1.0	17	1	0	44	3643
60	MARCH	4 1961	1	11	13	1.2	18	4	0	12	2765
61	OCTOBER	22 1966	23	2	2	1.0	18	1	0	76	225
62	FEBRUARY	5 1961	7	15	27	1.8	19	10	0	22	1950
63	MAY	22 1960	14	2	4	2.0	19	2	0	39	2883
64	MARCH	25 1950	22	6	15	2.5	20	6	0	9	3270
65	NOVEMBER	5 1958	10	17	94	5.5	21	14	0	19	186
66	APRIL	6 1968	12	1	4	4.0	21	4	0	37	2635
67	DECEMBER	8 1969	8	7	24	3.4	22	6	0	4	638
68	MAY	24 1973	19	35	94	2.7	23	29	0	1	2327
69	FEBRUARY	14 1964	17	3	2	.7	23	1	0	7	2207
70	NOVEMBER	8 1958	3	13	43	3.3	24	11	0	88	368
71	JANUARY	4 1966	14	70	260	3.7	25	26	0	6	1501
72	APRIL	20 1978	17	2	2	1.0	25	1	0	49	2899
73	NOVEMBER	18 1956	16	4	10	2.5	26	5	0	70	647
74	DECEMBER	15 1954	3	8	20	2.5	27	9	0	11	1049
75	OCTOBER	28 1972	12	17	26	1.5	28	7	0	13	61
76	MARCH	15 1967	10	20	146	7.3	29	15	0	26	2432
77	JANUARY	11 1950	23	1	1	1.0	29	1	0	89	1681
78	DECEMBER	4 1975	10	32	174	5.4	31	25	0	12	898
79	JANUARY	15 1955	21	21	34	1.6	32	6	0	13	1422
80	JANUARY	24 1965	7	31	154	5.0	33	18	0	6	2056
81	FEBRUARY	13 1967	7	9	37	4.1	34	12	0	25	2219
82	JANUARY	25 1960	17	6	23	3.8	35	7	0	15	1245
83	FEBRUARY	28 1973	10	1	1	1.0	36	1	0	26	1880
84	JANUARY	13 1957	21	11	8	.7	38	2	0	3	1171
85	MAY	23 1961	0	5	9	1.8	39	3	0	27	3886
86	JANUARY	13 1968	12	24	41	1.7	41	6	0	4	1321
87	DECEMBER	12 1979	7	6	7	1.2	42	2	0	4	1092
88	DECEMBER	24 1979	3	20	76	3.8	44	8	0	3	1323
89	FEBRUARY	16 1975	5	15	16	1.1	45	6	0	3	2578
90	DECEMBER	13 1953	21	2	2	1.0	46	1	0	1	1430
91	MAY	16 1960	1	8	15	1.9	48	4	0	0	2724
92	MARCH	26 1971	3	11	20	1.8	50	10	0	0	3070
93	MARCH	8 1956	1	10	34	3.4	52	9	0	0	4038
94	APRIL	16 1975	3	6	17	2.8	54	6	0	0	3191
95	DECEMBER	10 1974	0	6	8	1.3	57	3	0	6	965
96	NOVEMBER	24 1950	2	15	95	6.3	59	24	0	0	1288
97	APRIL	29 1964	21	16	26	1.6	62	6	0	0	2602
98	OCTOBER	22 1958	14	7	14	2.0	65	8	0	0	112
99	APRIL	1 1968	16	9	19	2.1	68	4	0	0	2564
100	FEBRUARY	23 1952	10	19	21	1.1	72	5	0	0	2436

RETURN STATISTICS AT PORTLAND  
SORTED BY HRS BTWN

DATE EVENT ENDED	HOUR	DURATION (HOURS)	MAGNITUDE (IN X 100)	AVERAGE INTENSITY (IN/HR X 100)	HOURS SINCE LAST EVENT	MAXIMUM INTENSITY (IN/HR X 100)	MAGNITUDE LAST 12 HRS (IN X 100)	MAGNITUDE LAST 48 HRS (IN X 100)	MAGNITUDE LAST 168 HRS (IN X 100)	MAGNITUDE YEAR SO FAR (IN X 100)	
101 APRIL	23	1969 7	16	49	3.1	75	18	0	0	31	3542
102 JANUARY	29	1952 8	1	2	2.0	78	2	0	0	71	2005
103 JANUARY	25	1978 17	8	16	2.0	83	5	0	0	75	2074
104 MAY	7	1953 0	11	22	2.0	88	7	0	0	45	3155
105 NOVEMBER	26	1951 7	27	99	3.7	92	13	0	0	17	944
106 JANUARY	5	1961 16	22	90	4.1	99	17	0	0	6	1363
107 NOVEMBER	6	1956 3	14	16	1.1	107	7	0	0	95	528
108 JANUARY	1	1956 12	15	54	3.6	117	16	0	0	152	2408
109 MAY	11	1975 3	10	15	1.5	128	10	0	0	19	3452
110 MAY	12	1966 10	2	9	4.5	139	5	0	0	45	2846
111 OCTOBER	18	1953 14	35	102	2.9	152	18	0	0	42	239
112 APRIL	19	1970 17	31	67	2.2	164	16	0	0	3	3441
113 APRIL	8	1977 12	9	23	2.6	185	7	0	0	0	1069
114 NOVEMBER	15	1969 10	2	4	2.0	208	3	0	0	0	504
115 MARCH	17	1969 16	21	33	1.6	241	11	0	0	0	3372
116 MAY	9	1974 19	5	11	2.2	295	4	0	0	0	4515
117 OCTOBER	8	1958 5	16	26	1.6	3086	8	0	0	0	0



RETURN STATISTICS AT SALEM  
SORTED BY HRS BTWN

	DATE							MAGNITUDE	MAGNITUDE	MAGNITUDE	MAGNITUDE	
	EVENT ENDED	HOUR	DURATION	MAGNITUDE	AVERAGE	HOURS SINCE	MAXIMUM	LAST	LAST	LAST	YEAR	
			(HOURS)	(IN X 100)	(IN/HR X 100)	LAST EVENT	(IN/HR X 100)	12 HRS	48 HRS	168 HRS	SO FAR	
								(IN X 100)	(IN X 100)	(IN X 100)	(IN X 100)	
1	OCTOBER	24 1970	12	31	57	1.8	6	17	23	119	241	242
2	MARCH	27 1950	18	19	16	.8	6	5	12	24	95	3609
3	OCTOBER	3 1957	5	14	16	1.1	6	5	26	33	33	33
4	FEBRUARY	10 1950	0	10	4	.4	6	2	0	60	222	2751
5	FEBRUARY	10 1975	17	7	16	2.3	6	14	2	24	144	2302
6	APRIL	28 1951	13	4	20	5.0	6	11	20	62	62	4602
7	FEBRUARY	8 1966	17	2	4	2.0	6	2	5	15	39	2414
8	NOVEMBER	20 1950	7	1	2	2.0	6	2	17	25	639	1789
9	DECEMBER	6 1958	14	1	1	1.0	6	1	4	15	73	1009
10	DECEMBER	6 1953	3	35	150	4.3	7	49	7	65	114	1085
11	MAY	22 1953	19	21	57	2.7	7	11	1	42	106	3979
12	DECEMBER	17 1977	5	15	26	1.7	7	5	13	172	562	1588
13	FEBRUARY	4 1957	12	10	12	1.2	7	2	4	7	37	1324
14	OCTOBER	23 1967	3	7	7	1.0	7	3	22	97	109	289
15	OCTOBER	23 1975	17	5	10	2.0	7	6	3	20	150	259
16	MAY	21 1960	5	2	7	3.5	7	5	7	63	110	3027
17	APRIL	24 1969	12	1	2	2.0	7	2	1	25	62	3884
18	JANUARY	4 1966	16	74	311	4.2	8	24	1	51	498	1717
19	FEBRUARY	10 1979	19	22	110	5.0	8	18	4	31	214	1249
20	OCTOBER	13 1967	0	14	27	1.9	8	12	0	39	46	132
21	FEBRUARY	12 1958	12	7	36	5.1	8	18	29	101	239	2652
22	DECEMBER	13 1969	7	4	7	1.8	8	2	1	206	312	1092
23	FEBRUARY	19 1952	23	2	2	1.0	8	1	23	70	110	3109
24	MAY	10 1961	16	1	1	1.0	8	1	8	42	77	4368
25	JANUARY	7 1969	16	26	169	6.5	9	24	1	16	128	2409
26	JANUARY	15 1954	8	13	22	1.7	9	7	29	29	51	2048
27	MARCH	21 1964	8	7	3	.4	9	1	7	42	59	2892
28	APRIL	15 1972	23	3	6	2.0	9	4	8	8	71	3808
29	FEBRUARY	28 1976	1	1	6	6.0	9	6	1	131	426	2990
30	APRIL	3 1974	3	1	1	1.0	9	1	2	36	413	5387
31	MARCH	5 1951	1	17	57	3.4	10	9	7	49	63	4189
32	NOVEMBER	21 1951	9	8	7	.9	10	3	1	13	20	1107
33	JANUARY	16 1967	3	3	3	1.0	10	2	2	9	77	1706
34	MARCH	14 1963	16	1	1	1.0	10	1	2	2	5	2267
35	NOVEMBER	22 1961	7	24	133	5.5	11	14	0	1	26	400
36	FEBRUARY	12 1956	1	12	28	2.3	11	7	0	1	13	3956
37	JANUARY	8 1956	1	5	8	1.6	11	2	0	187	622	3278
38	OCTOBER	10 1968	17	1	3	3.0	11	3	0	28	60	60
39	OCTOBER	24 1951	8	47	224	4.8	12	46	0	16	133	505
40	FEBRUARY	7 1949	16	15	13	.9	12	3	0	57	138	2090
41	MAY	20 1960	3	5	40	8.0	12	16	0	5	68	2969
42	APRIL	5 1962	10	2	2	1.0	12	1	0	24	46	2521
43	DECEMBER	5 1966	12	54	280	5.2	13	22	0	41	102	855
44	FEBRUARY	6 1962	17	12	27	2.3	13	6	0	2	2	1537
45	DECEMBER	25 1964	3	5	23	4.6	13	8	0	119	766	1969
46	DECEMBER	24 1969	8	1	1	1.0	13	1	0	156	391	1628
47	MAY	5 1950	2	12	28	2.3	14	15	0	44	102	3908
48	DECEMBER	4 1960	7	2	3	1.5	14	2	0	16	25	1239
49	APRIL	9 1971	17	40	268	6.7	15	17	0	7	8	3801
50	DECEMBER	15 1974	8	10	14	1.4	15	3	0	39	175	1254

RETURN STATISTICS AT SALEM  
SORTED BY HRS BTWN

DATE EVENT ENDED	HOUR	DURATION (HOURS)	MAGNITUDE (IN X 100)	AVERAGE INTENSITY (IN/HR X 100)	HOURS SINCE LAST EVENT	MAXIMUM INTENSITY (IN/HR X 100)	MAGNITUDE LAST 12 HRS (IN X 100)	MAGNITUDE LAST 48 HRS (IN X 100)	MAGNITUDE LAST 168 HRS (IN X 100)	MAGNITUDE YEAR SO FAR (IN X 100)	
51 DECEMBER	24 1971	14	2	6	3.0	15	4	0	92	239	1719
52 MARCH	15 1960	8	20	50	2.5	16	8	0	38	174	2185
53 FEBRUARY	6 1963	12	7	15	2.1	16	10	0	24	364	2091
54 MARCH	18 1973	0	1	2	2.0	16	2	0	34	46	2228
55 MARCH	18 1953	17	15	33	2.2	17	6	0	70	194	3378
56 OCTOBER	15 1951	16	4	72	18.0	17	41	0	42	129	372
57 DECEMBER	11 1955	23	43	128	3.0	18	36	0	99	245	1753
58 DECEMBER	26 1952	21	4	12	3.0	18	5	0	4	84	955
59 MARCH	13 1974	7	38	141	3.7	19	15	0	37	84	4673
60 OCTOBER	29 1969	5	7	3	.4	19	1	0	84	150	433
61 DECEMBER	25 1954	23	67	150	2.2	20	16	0	10	10	1219
62 DECEMBER	29 1975	17	5	23	4.6	20	11	0	22	176	1706
63 JANUARY	26 1954	8	19	85	4.5	21	21	0	30	158	2414
64 DECEMBER	19 1955	12	33	142	4.3	22	15	0	15	122	1930
65 OCTOBER	11 1954	0	1	7	7.0	22	7	0	10	12	12
66 APRIL	30 1951	21	8	9	1.1	23	5	0	7	89	4629
67 DECEMBER	4 1953	1	23	58	2.5	24	11	0	15	72	1020
68 FEBRUARY	17 1961	14	21	22	1.0	25	5	0	84	476	2841
69 FEBRUARY	4 1961	21	1	1	1.0	25	1	0	1	236	2115
70 OCTOBER	25 1968	8	1	4	4.0	26	4	0	1	95	547
71 MAY	12 1978	21	7	16	2.3	27	4	0	24	33	3158
72 JANUARY	18 1973	19	6	22	3.7	28	5	0	37	292	1710
73 DECEMBER	13 1956	19	7	5	.7	29	2	0	8	137	950
74 JANUARY	1 1949	6	10	86	8.6	30	20	0	89	123	1726
75 DECEMBER	19 1958	19	1	4	4.0	31	4	0	30	46	1132
76 DECEMBER	29 1969	7	1	1	1.0	32	1	0	2	224	1687
77 FEBRUARY	11 1951	19	37	111	3.0	34	12	0	7	216	3896
78 OCTOBER	17 1965	5	5	21	4.2	35	7	0	11	93	164
79 FEBRUARY	15 1952	0	27	32	1.2	37	4	0	3	31	2999
80 APRIL	17 1976	16	8	7	.9	38	4	0	7	42	3462
81 JANUARY	10 1966	17	9	12	1.3	40	3	0	3	288	2167
82 NOVEMBER	27 1950	3	15	89	5.9	42	14	0	27	91	1855
83 DECEMBER	25 1976	21	17	44	2.6	44	7	0	1	13	312
84 NOVEMBER	20 1961	21	1	1	1.0	45	1	0	6	25	399
85 MAY	12 1964	10	2	2	1.0	47	1	0	0	17	3112
86 DECEMBER	12 1965	5	1	1	1.0	49	1	0	0	31	1015
87 JANUARY	1 1975	5	4	6	1.5	51	2	0	0	173	1651
88 APRIL	19 1975	3	12	28	2.3	53	8	0	0	10	3106
89 JANUARY	10 1960	17	1	5	5.0	54	5	0	0	133	889
90 DECEMBER	12 1949	6	1	1	1.0	57	1	0	0	60	953
91 OCTOBER	20 1963	14	11	31	2.8	60	5	0	0	4	28
92 OCTOBER	10 1954	1	4	10	2.5	63	4	0	0	2	2
93 APRIL	19 1953	8	2	2	1.0	65	1	0	0	29	3677
94 APRIL	5 1964	14	3	4	1.3	68	2	0	0	26	2958
95 FEBRUARY	23 1969	3	1	1	1.0	71	1	0	0	7	3540
96 MAY	22 1975	19	1	1	1.0	75	1	0	0	26	3421
97 OCTOBER	26 1966	12	7	19	2.7	79	4	0	0	108	143
98 NOVEMBER	5 1953	5	5	20	4.0	83	6	0	0	21	326
99 OCTOBER	30 1957	5	8	13	1.6	88	5	0	0	66	285
100 MAY	14 1977	12	2	5	2.5	94	4	0	0	34	1296

RETURN STATISTICS AT SALEM  
 SORTED BY HRS BTWN

DATE EVENT ENDED	HOUR	DURATION (HOURS)	MAGNITUDE (IN X 100)	AVERAGE INTENSITY (IN/HR X 100)	HOURS SINCE LAST EVENT	MAXIMUM INTENSITY (IN/HR X 100)	MAGNITUDE LAST 12 HRS (IN X 100)	MAGNITUDE LAST 48 HRS (IN X 100)	MAGNITUDE LAST 168 HRS (IN X 100)	MAGNITUDE YEAR SO FAR (IN X 100)
101 NOVEMBER	16 1955	17	25	1.5	99	6	0	0	17	864
102 APRIL	13 1977	7	10	1.3	105	6	0	0	35	1129
103 OCTOBER	11 1973	19	2	3.5	110	6	0	0	69	69
104 JANUARY	3 1970	21	16	1.3	119	6	0	0	3	1688
105 DECEMBER	24 1960	14	4	2.0	130	4	0	0	150	1497
106 OCTOBER	13 1977	8	7	.4	143	1	0	0	24	24
107 MAY	19 1958	1	2	2.0	157	3	0	0	1	3756
108 JANUARY	23 1975	14	9	2.3	175	6	2	2	2	1934
109 MARCH	25 1974	8	6	2.2	203	5	0	0	0	4946
110 DECEMBER	3 1969	16	7	1.3	236	3	0	0	0	765
111 MARCH	31 1969	1	1	1.0	302	1	0	0	0	3715
112 OCTOBER	2 1976	5	8	1.1	2950	5	0	0	0	0

RETURN STATISTICS AT EUGENE  
SORTED BY HRS BTWN

	DATE EVENT ENDED	HOUR	DURATION (HOURS)	MAGNITUDE (IN X 100)	AVERAGE INTENSITY (IN/HR X 100)	HOURS SINCE LAST EVENT	MAXIMUM INTENSITY (IN/HR X 100)	MAGNITUDE LAST 12 HRS (IN X 100)	MAGNITUDE LAST 48 HRS (IN X 100)	MAGNITUDE LAST 168 HRS (IN X 100)	MAGNITUDE YEAR SO FAR (IN X 100)	
1	JANUARY	14 1966	19	22	26	1.2	6	5	1	9	59	2728
2	MARCH	26 1971	21	14	40	2.9	6	11	25	90	218	4677
3	JANUARY	30 1952	10	9	33	3.7	6	17	1	6	33	2608
4	DECEMBER	22 1952	8	7	9	1.3	6	5	19	35	58	848
5	DECEMBER	26 1960	8	3	16	5.3	6	9	14	22	22	1669
6	JANUARY	21 1964	5	2	2	1.0	6	1	7	294	819	2547
7	NOVEMBER	30 1973	21	1	1	1.0	6	1	14	97	354	2284
8	JANUARY	19 1953	17	64	251	3.9	7	20	16	90	252	1544
9	MAY	14 1955	17	26	28	1.1	7	9	2	4	4	2528
10	JANUARY	11 1952	8	16	17	1.1	7	5	30	129	223	2316
11	APRIL	19 1970	12	10	4	.4	7	1	40	46	46	4033
12	MARCH	16 1968	17	5	4	.8	7	2	34	63	188	2941
13	APRIL	16 1971	17	2	17	8.5	7	9	1	1	98	5148
14	APRIL	19 1958	3	1	2	2.0	7	2	2	52	105	4269
15	APRIL	28 1951	13	1	1	1.0	7	1	8	20	20	4479
16	JANUARY	23 1972	16	24	88	3.7	8	16	1	223	765	3341
17	JANUARY	14 1968	0	11	20	1.8	8	7	0	0	189	1533
18	FEBRUARY	22 1971	8	5	10	2.0	8	4	5	8	131	3818
19	MARCH	24 1964	7	2	2	1.0	8	1	10	13	68	3348
20	APRIL	20 1949	15	1	1	1.0	8	1	7	17	17	3202
21	FEBRUARY	17 1958	17	17	28	1.6	9	9	3	294	527	3451
22	OCTOBER	4 1975	5	10	5	.5	9	1	1	3	3	3
23	JANUARY	25 1958	8	3	8	2.7	9	4	2	102	129	2401
24	DECEMBER	28 1972	17	1	2	2.0	9	2	1	115	416	1578
25	JANUARY	30 1968	14	35	81	2.3	10	10	4	6	30	1901
26	DECEMBER	17 1957	7	14	81	5.8	10	12	1	25	28	725
27	MAY	26 1954	14	6	4	.7	10	2	1	9	9	3863
28	DECEMBER	26 1949	8	2	2	1.0	10	1	2	23	81	1223
29	OCTOBER	18 1953	10	32	120	3.8	11	24	0	4	23	174
30	MARCH	27 1971	17	9	28	3.1	11	6	0	130	258	4717
31	DECEMBER	27 1952	8	2	3	1.5	11	2	0	20	65	879
32	NOVEMBER	28 1949	1	48	152	3.2	12	16	0	18	207	572
33	JANUARY	9 1972	12	14	27	1.9	12	8	0	14	14	2240
34	FEBRUARY	12 1950	8	5	9	1.8	12	2	0	28	142	2765
35	MARCH	4 1979	17	1	2	2.0	12	2	0	88	193	2314
36	OCTOBER	19 1958	14	15	62	4.1	13	28	0	63	63	81
37	DECEMBER	1 1961	21	4	4	1.0	13	2	0	120	161	1381
38	JANUARY	20 1964	21	93	721	7.8	14	65	0	98	162	1826
39	MARCH	16 1970	5	9	8	.9	14	2	0	56	107	3874
40	MARCH	20 1976	3	2	4	2.0	14	3	0	121	173	4059
41	NOVEMBER	12 1968	8	31	76	2.5	15	9	0	24	291	962
42	JANUARY	28 1950	14	7	3	.4	15	2	0	243	429	2560
43	FEBRUARY	6 1958	0	1	2	2.0	15	2	0	8	123	2819
44	DECEMBER	11 1959	7	6	47	7.8	16	20	0	12	24	393
45	APRIL	30 1951	6	1	1	1.0	16	1	0	13	33	4492
46	DECEMBER	3 1973	7	6	12	2.0	17	4	0	6	285	2291
47	NOVEMBER	12 1952	23	18	40	2.2	18	7	0	12	15	77
48	JANUARY	1 1955	17	1	1	1.0	18	1	0	25	144	1223
49	MARCH	23 1961	7	3	6	2.0	19	2	0	42	146	4101
50	DECEMBER	11 1952	15	12	9	.8	20	5	0	79	428	780

RETURN STATISTICS AT EUGENE  
SORTED BY HRS BTWN

DATE	AVERAGE	HOURS SINCE	MAXIMUM	MAGNITUDE	MAGNITUDE	MAGNITUDE	MAGNITUDE			
EVENT ENDED	INTENSITY	LAST EVENT	INTENSITY	LAST	LAST	LAST	YEAR			
HOUR	(IN/HR X 100)	LAST EVENT	(IN/HR X 100)	12 HRS	48 HRS	168 HRS	SO FAR			
DURATION	(IN X 100)			(IN X 100)	(IN X 100)	(IN X 100)	(IN X 100)			
(HOURS)										
51 OCTOBER	30 1952	11	1	1.0	20	1	0	14	32	34
52 OCTOBER	24 1963	16	5	2.8	21	4	0	42	143	190
53 APRIL	18 1960	19	7	5.1	22	10	0	10	123	2939
54 DECEMBER	6 1950	8	19	2.8	23	14	0	62	230	2355
55 NOVEMBER	14 1965	19	1	1.0	23	1	0	79	365	758
56 FEBRUARY	15 1969	19	3	1.3	24	2	0	16	145	4117
57 MAY	3 1960	12	4	1.5	25	3	0	2	21	3091
58 MAY	3 1961	19	7	.6	26	2	0	6	64	4395
59 JANUARY	8 1966	8	11	2.9	27	7	0	52	914	2669
60 APRIL	31 1966	0	8	2.1	28	7	0	0	0	3665
61 FEBRUARY	16 1962	16	10	1.3	29	7	0	4	213	2541
62 DECEMBER	23 1957	17	6	1.0	30	2	0	99	888	1613
63 FEBRUARY	16 1958	16	63	387	32	36	0	51	222	3064
64 MAY	15 1953	5	1	1.0	32	1	0	22	57	3462
65 JANUARY	31 1959	5	1	2.0	33	2	0	18	350	2659
66 NOVEMBER	25 1971	1	44	106	35	16	0	8	8	692
67 JANUARY	31 1950	19	1	1.0	35	1	0	12	301	2581
68 JANUARY	8 1961	5	10	104	37	32	0	16	90	1778
69 NOVEMBER	25 1970	5	71	310	39	49	0	2	47	740
70 APRIL	4 1958	16	5	10	40	6	0	17	108	4109
71 APRIL	3 1972	19	2	10	42	8	0	11	40	4929
72 MARCH	25 1949	9	2	4	44	3	0	1	67	3120
73 JANUARY	14 1979	5	9	33	46	13	0	1	191	1169
74 APRIL	9 1958	17	2	8	47	4	0	0	50	4156
75 OCTOBER	28 1969	0	33	71	49	11	0	0	8	347
76 FEBRUARY	4 1974	14	21	47	51	5	0	0	150	4764
77 JANUARY	1 1975	3	1	2	52	2	22	22	276	1727
78 DECEMBER	24 1948	13	1	1	54	1	0	0	20	1531
79 JANUARY	28 1978	12	9	14	57	11	0	0	83	3541
80 MARCH	20 1957	10	6	20	61	6	0	0	78	2999
81 FEBRUARY	19 1950	0	4	2	64	1	0	0	128	2893
82 MAY	6 1962	10	5	12	67	3	0	0	72	3781
83 JANUARY	2 1958	1	9	22	71	13	0	0	223	1876
84 NOVEMBER	13 1972	7	7	8	75	2	0	0	54	378
85 FEBRUARY	14 1959	12	25	324	79	30	0	0	82	2758
86 JANUARY	21 1967	16	53	367	84	30	0	0	55	2170
87 APRIL	30 1977	5	11	14	88	4	0	0	35	1505
88 DECEMBER	27 1974	7	21	245	95	48	0	0	155	1451
89 MAY	24 1974	5	7	4	100	1	0	0	27	7190
90 DECEMBER	2 1974	3	6	4	107	1	0	0	85	801
91 FEBRUARY	25 1959	17	1	2	115	2	0	0	26	3185
92 DECEMBER	18 1959	7	2	7	124	5	0	0	97	518
93 NOVEMBER	9 1951	23	10	56	136	13	0	0	9	581
94 DECEMBER	20 1966	10	13	27	148	6	0	0	39	1876
95 DECEMBER	12 1962	17	4	5	159	2	0	0	5	1450
96 OCTOBER	11 1951	22	22	74	176	10	0	0	0	180
97 DECEMBER	19 1958	19	1	2	193	2	0	0	0	1143
98 NOVEMBER	9 1952	21	1	3	221	3	0	0	0	62
99 MAY	22 1963	7	2	4	260	3	0	0	0	3983
100 MAY	9 1974	17	1	3	353	3	0	0	0	7082

RETURN STATISTICS AT EUGENE  
 SORTED BY HRS BTWN

DATE EVENT ENDED	HOUR	DURATION (HOURS)	MAGNITUDE (IN X 100)	AVERAGE INTENSITY (IN/HR X 100)	HOURS SINCE LAST EVENT	MAXIMUM INTENSITY (IN/HR X 100)	MAGNITUDE LAST 12 HRS (IN X 100)	MAGNITUDE LAST 48 HRS (IN X 100)	MAGNITUDE LAST 168 HRS (IN X 100)	MAGNITUDE YEAR SO FAR (IN X 100)	
101 OCTOBER	1	1953 17	11	56	5.1	3030	21	0	0	0	0

RETURN STATISTICS AT PORTLAND  
SORTED BY MAG12

	DATE							MAGNITUDE	MAGNITUDE	MAGNITUDE	MAGNITUDE	
	EVENT ENDED	HOUR	DURATION	MAGNITUDE	AVERAGE	HOURS SINCE	MAXIMUM	LAST	LAST	LAST	YEAR	
			(HOURS)	(IN X 100)	(IN/HR X 100)	LAST EVENT	INTENSITY	12 HRS	48 HRS	168 HRS	SO FAR	
							(IN/HR X 100)	(IN X 100)	(IN X 100)	(IN X 100)	(IN X 100)	
1	JANUARY	1 1949	1	14	40	2.9	8	10	34	60	153	1097
2	OCTOBER	31 1976	14	2	7	3.5	6	6	29	29	62	127
3	DECEMBER	7 1967	8	2	2	1.0	9	1	25	71	265	963
4	MAY	9 1953	1	1	2	2.0	8	2	22	27	57	3204
5	MARCH	5 1974	23	1	1	1.0	7	1	20	47	212	3877
6	NOVEMBER	14 1967	8	1	1	1.0	6	1	18	18	122	598
7	APRIL	7 1950	5	2	3	1.5	8	2	16	31	44	3384
8	NOVEMBER	23 1955	21	8	9	1.1	6	4	14	47	299	1117
9	APRIL	21 1961	14	30	57	1.9	7	15	12	61	68	3435
10	APRIL	8 1972	10	11	40	3.6	10	14	11	41	121	3254
11	FEBRUARY	27 1971	19	19	19	1.0	8	3	10	71	127	2632
12	MAY	14 1957	5	1	2	2.0	9	2	10	32	72	2701
13	FEBRUARY	23 1966	8	3	4	1.3	8	2	9	22	43	2227
14	OCTOBER	30 1950	16	4	16	4.0	7	9	8	49	266	651
15	FEBRUARY	25 1971	8	14	48	3.4	6	6	7	15	72	2544
16	JANUARY	24 1952	6	17	36	2.1	9	5	6	36	78	1964
17	APRIL	26 1966	3	2	6	3.0	10	5	6	6	30	2794
18	JANUARY	29 1967	12	19	52	2.7	8	8	5	146	218	2114
19	MARCH	10 1952	1	2	4	2.0	10	3	5	42	131	2648
20	JANUARY	16 1954	21	26	85	3.3	9	10	4	39	56	2088
21	NOVEMBER	17 1978	19	6	7	1.2	8	5	4	24	25	130
22	APRIL	16 1973	21	1	1	1.0	7	1	4	45	45	2205
23	OCTOBER	12 1967	8	13	6	.5	10	3	3	45	50	187
24	FEBRUARY	13 1979	5	3	3	1.0	6	2	3	80	256	1276
25	OCTOBER	23 1975	10	1	1	1.0	10	1	3	11	116	234
26	MARCH	10 1973	12	15	35	2.3	10	22	2	4	25	1973
27	JANUARY	30 1966	10	5	32	6.4	7	12	2	33	57	2043
28	OCTOBER	22 1954	8	2	4	2.0	10	2	2	125	205	312
29	MARCH	7 1973	1	1	1	1.0	26	1	2	4	88	1968
30	DECEMBER	29 1975	3	25	22	.9	7	5	1	13	205	1497
31	FEBRUARY	23 1972	21	16	13	.8	8	3	1	29	84	2389
32	JANUARY	28 1953	12	10	32	3.2	7	10	1	25	243	2110
33	DECEMBER	8 1964	19	7	3	.4	9	1	1	27	64	836
34	JANUARY	31 1977	19	4	6	1.5	9	4	1	9	9	464
35	JANUARY	18 1962	1	2	2	1.0	7	1	1	11	53	1498
36	NOVEMBER	21 1951	8	1	1	1.0	7	1	1	16	19	943
37	DECEMBER	8 1952	22	71	171	2.4	18	28	0	43	146	314
38	JANUARY	16 1956	5	51	230	4.5	24	19	0	35	74	3028
39	DECEMBER	22 1971	3	41	177	4.3	148	10	0	0	44	1251
40	FEBRUARY	3 1963	5	36	152	4.2	11	12	0	124	158	1756
41	FEBRUARY	6 1970	17	33	142	4.3	50	10	0	0	44	2627
42	FEBRUARY	13 1961	17	32	31	1.0	21	4	0	119	410	2387
43	APRIL	18 1963	19	29	37	1.3	20	10	0	21	104	2826
44	JANUARY	7 1976	21	26	112	4.3	23	14	0	27	138	1690
45	APRIL	9 1955	19	25	44	1.8	124	9	0	0	17	2255
46	DECEMBER	13 1961	21	24	20	.8	126	3	0	0	19	804
47	JANUARY	18 1951	18	23	42	1.8	13	7	0	85	266	2630
48	NOVEMBER	21 1974	14	21	174	8.3	11	18	0	62	204	627
49	DECEMBER	20 1966	1	21	20	1.0	97	4	0	0	79	1411
50	JANUARY	12 1971	21	20	24	1.2	15	4	0	53	177	1783

RETURN STATISTICS AT PORTLAND  
SORTED BY MAG12

DATE EVENT ENDED	YEAR	MONTH	HOUR	DURATION (HOURS)	MAGNITUDE (IN X 100)	AVERAGE INTENSITY (IN/HR X 100)	HOURS SINCE LAST EVENT	MAXIMUM INTENSITY (IN/HR X 100)	MAGNITUDE LAST 12 HRS (IN X 100)	MAGNITUDE LAST 48 HRS (IN X 100)	MAGNITUDE LAST 168 HRS (IN X 100)	MAGNITUDE YEAR SO FAR (IN X 100)	
51	FEBRUARY	23	1952	10	19	21	1.1	72	5	0	0	50	2436
52	JANUARY	21	1949	16	18	38	2.1	36	10	0	9	16	1166
53	OCTOBER	30	1964	1	17	24	1.4	48	8	0	0	4	60
54	APRIL	23	1969	7	16	49	3.1	75	18	0	0	31	3542
55	JANUARY	9	1954	17	16	13	.8	35	3	0	10	245	2032
56	OCTOBER	31	1955	16	15	29	1.9	13	6	0	65	235	640
57	APRIL	8	1962	5	14	66	4.7	24	10	0	10	52	2328
58	FEBRUARY	25	1959	14	14	29	2.1	47	6	0	0	69	2428
59	OCTOBER	6	1957	10	14	8	.6	21	3	0	53	146	146
60	JANUARY	28	1963	21	13	25	1.9	244	7	0	0	0	1598
61	NOVEMBER	13	1977	3	12	57	4.8	23	15	0	15	41	323
62	NOVEMBER	4	1955	8	12	24	2.0	33	9	0	48	158	720
63	MARCH	19	1973	7	11	59	5.4	40	10	0	4	27	2037
64	OCTOBER	22	1968	5	11	22	2.0	33	5	0	40	117	434
65	APRIL	28	1962	14	11	9	.8	20	2	0	147	169	2582
66	NOVEMBER	14	1960	10	10	28	2.8	14	15	0	41	89	343
67	OCTOBER	10	1976	10	10	17	1.7	178	4	0	0	0	9
68	JANUARY	4	1977	1	10	5	.5	24	2	0	8	15	371
69	MAY	25	1968	5	9	29	3.2	22	6	0	60	251	3041
70	JANUARY	8	1965	8	9	14	1.6	14	4	0	10	149	1903
71	FEBRUARY	18	1964	1	9	4	.4	23	1	0	5	36	2225
72	APRIL	4	1974	16	8	27	3.4	13	9	0	9	178	4387
73	MAY	16	1960	1	8	15	1.9	48	4	0	0	57	2724
74	APRIL	4	1972	8	8	6	.8	58	3	0	0	31	3152
75	MARCH	19	1961	14	7	30	4.3	49	10	0	0	164	3171
76	DECEMBER	8	1976	16	7	18	2.6	17	6	0	1	1	226
77	OCTOBER	13	1951	9	7	11	1.6	18	4	0	46	52	227
78	MARCH	30	1978	7	7	7	1.0	118	3	0	0	47	2637
79	DECEMBER	16	1960	0	7	2	.3	37	1	0	0	32	1173
80	DECEMBER	9	1979	17	6	20	3.3	120	9	0	0	77	1067
81	JANUARY	11	1961	17	6	12	2.0	46	6	0	1	217	1580
82	MARCH	28	1958	12	6	7	1.2	59	2	0	0	81	2630
83	NOVEMBER	2	1977	12	6	3	.5	11	2	0	38	123	255
84	MARCH	31	1974	17	5	26	5.2	27	10	0	67	249	4313
85	MARCH	28	1957	8	5	13	2.6	91	8	0	0	11	2290
86	APRIL	18	1975	1	5	8	1.6	42	3	0	17	18	3208
87	JANUARY	8	1972	8	5	5	1.0	17	1	0	3	6	1624
88	MARCH	17	1964	12	4	20	5.0	68	8	0	0	41	2399
89	MARCH	23	1959	3	4	12	3.0	35	4	0	19	59	2604
90	OCTOBER	21	1960	10	4	7	1.8	209	5	0	0	0	103
91	APRIL	8	1960	17	4	4	1.0	163	2	0	0	6	2271
92	MAY	15	1953	7	4	2	.5	29	1	0	8	34	3215
93	OCTOBER	5	1963	7	3	10	3.3	19	6	0	1	1	1
94	DECEMBER	31	1963	5	3	6	2.0	74	3	0	0	76	1198
95	MARCH	29	1973	19	3	4	1.3	44	2	0	4	21	2122
96	MAY	15	1971	8	3	3	1.0	57	1	0	0	32	3447
97	FEBRUARY	11	1952	6	2	14	7.0	44	11	0	18	18	2348
98	JANUARY	29	1960	12	2	8	4.0	12	6	0	89	154	1369
99	FEBRUARY	26	1975	8	2	5	2.5	57	4	0	0	86	2744
100	FEBRUARY	20	1957	7	2	4	2.0	22	3	0	1	1	1318



RETURN STATISTICS AT PORTLAND  
SORTED BY MAG12

DATE EVENT ENDED	HOUR	DURATION (HOURS)	MAGNITUDE (IN X 100)	AVERAGE INTENSITY (IN/HR X 100)	HOURS SINCE LAST EVENT	MAXIMUM INTENSITY (IN/HR X 100)	MAGNITUDE LAST 12 HRS (IN X 100)	MAGNITUDE LAST 48 HRS (IN X 100)	MAGNITUDE LAST 168 HRS (IN X 100)	MAGNITUDE YEAR SO FAR (IN X 100)		
101	NOVEMBER	27 1968	21	2	3	1.5	24	2	0	10	104	1075
102	FEBRUARY	6 1966	17	2	2	1.0	23	1	0	15	19	2094
103	NOVEMBER	13 1972	7	2	2	1.0	80	1	0	0	88	301
104	JANUARY	17 1961	1	1	8	8.0	20	8	0	65	114	1694
105	FEBRUARY	10 1977	3	1	4	4.0	222	4	0	0	0	470
106	OCTOBER	27 1979	17	1	2	2.0	14	2	0	46	174	409
107	MAY	19 1952	10	1	2	2.0	119	2	0	0	20	3116
108	OCTOBER	15 1949	6	1	2	2.0	71	2	0	0	29	185
109	MAY	9 1979	7	1	1	1.0	33	1	0	47	216	2292
110	NOVEMBER	16 1963	16	1	1	1.0	23	1	0	35	212	735
111	APRIL	24 1972	17	1	1	1.0	11	1	0	13	39	3400
112	DECEMBER	25 1957	0	1	1	1.0	17	1	0	17	250	1137
113	FEBRUARY	16 1978	21	1	1	1.0	11	1	0	11	40	2431
114	NOVEMBER	20 1959	7	1	1	1.0	26	1	0	66	123	516
115	MAY	29 1969	1	1	1	1.0	37	1	0	22	38	3767
116	MAY	31 1955	14	1	1	1.0	11	1	0	14	22	2818
117	NOVEMBER	21 1962	3	1	1	1.0	12	1	0	186	255	932

RETURN STATISTICS AT SALEM  
SORTED BY MAG12

DATE	HOUR	DURATION	MAGNITUDE	AVERAGE	HOURS SINCE	MAXIMUM	MAGNITUDE	MAGNITUDE	MAGNITUDE	MAGNITUDE	
EVENT ENDED		(HOURS)	(IN X 100)	INTENSITY	LAST EVENT	INTENSITY	LAST	LAST	LAST	YEAR	
				(IN/HR X 100)		(IN/HR X 100)	12 HRS	48 HRS	168 HRS	SO FAR	
							(IN X 100)	(IN X 100)	(IN X 100)	(IN X 100)	
1	OCTOBER	20 1968	16	8	1.0	6	4	37	61	201	513
2	DECEMBER	5 1978	7	9	.4	9	1	29	77	209	568
3	OCTOBER	28 1963	17	1	9.0	9	9	25	50	253	312
4	MARCH	21 1953	1	14	4.2	7	10	21	39	225	3437
5	APRIL	27 1979	21	2	2.5	7	4	19	23	79	2248
6	FEBRUARY	4 1953	7	2	2.5	8	4	17	85	134	2754
7	OCTOBER	27 1956	19	31	1.2	7	5	14	52	249	450
8	JANUARY	6 1976	0	8	1.4	6	3	13	89	141	1869
9	OCTOBER	26 1960	12	4	5.5	6	19	12	23	50	208
10	NOVEMBER	27 1955	3	1	1.0	7	1	11	120	269	1377
11	JANUARY	13 1969	12	4	1.0	10	1	10	67	470	2879
12	OCTOBER	4 1957	14	1	1.0	6	1	9	36	69	69
13	MARCH	18 1967	16	4	2.5	9	5	8	40	157	2676
14	MARCH	21 1964	8	7	.4	9	1	7	42	59	2892
15	FEBRUARY	21 1968	14	23	3.5	10	14	6	278	395	2596
16	OCTOBER	22 1959	3	2	1.0	6	1	6	33	61	145
17	NOVEMBER	19 1953	19	15	1.8	6	11	5	8	246	672
18	APRIL	22 1976	16	2	3.0	9	4	5	9	53	3513
19	FEBRUARY	10 1979	19	22	110	8	18	4	31	214	1249
20	DECEMBER	18 1974	19	3	4.7	7	12	4	12	131	1281
21	MARCH	22 1962	23	39	1.3	7	5	3	13	22	2089
22	MAY	30 1967	3	8	.6	9	3	3	10	10	3185
23	APRIL	21 1977	5	2	1.0	125	1	3	3	4	1143
24	DECEMBER	28 1968	1	34	2.7	7	11	2	10	141	2125
25	MAY	26 1968	12	14	1.9	10	5	2	70	240	3549
26	FEBRUARY	10 1975	17	7	2.3	6	14	2	24	144	2302
27	JANUARY	16 1967	3	3	1.0	10	2	2	9	77	1706
28	APRIL	28 1967	1	1	1.0	6	1	2	18	67	3045
29	MARCH	4 1962	8	27	1.1	8	3	1	25	61	1965
30	NOVEMBER	20 1962	12	15	4.1	6	12	1	3	96	843
31	JANUARY	18 1954	3	9	7.8	10	23	1	94	167	2186
32	MARCH	9 1951	11	6	1.2	6	3	1	110	253	4393
33	MAY	4 1951	2	2	5.5	6	10	1	5	106	4646
34	APRIL	24 1969	12	1	2.0	7	2	1	25	62	3884
35	JANUARY	11 1971	14	87	1.5	18	9	0	2	2	2019
36	DECEMBER	7 1954	10	56	2.9	15	12	0	7	9	861
37	DECEMBER	28 1972	1	46	2.2	36	10	0	20	421	1204
38	NOVEMBER	7 1974	14	40	5.7	23	19	0	4	45	220
39	DECEMBER	12 1959	14	36	202	17	30	0	15	35	401
40	NOVEMBER	12 1966	1	33	4.3	19	12	0	9	44	250
41	NOVEMBER	26 1951	8	30	110	89	20	0	0	20	1114
42	DECEMBER	10 1968	10	28	242	34	18	0	4	275	1547
43	NOVEMBER	22 1964	21	27	43	204	13	0	0	0	433
44	MAY	19 1968	21	25	90	142	20	0	0	25	3300
45	APRIL	30 1970	5	24	33	58	4	0	0	93	3903
46	MARCH	7 1978	19	23	23	59	5	0	0	8	2658
47	DECEMBER	24 1979	1	21	84	28	9	0	27	225	1517
48	MAY	15 1977	19	20	75	11	42	0	5	39	1301
49	FEBRUARY	23 1962	21	19	49	12	15	0	13	70	1855
50	MARCH	5 1979	8	18	38	12	7	0	68	142	1822

001

RETURN STATISTICS AT SALEM  
SORTED BY MAG12

DATE EVENT ENDED	HOUR	DURATION (HOURS)	MAGNITUDE (IN X 100)	AVERAGE INTENSITY (IN/HR X 100)	HOURS SINCE LAST EVENT	MAXIMUM INTENSITY (IN/HR X 100)	MAGNITUDE LAST 12 HRS (IN X 100)	MAGNITUDE LAST 48 HRS (IN X 100)	MAGNITUDE LAST 168 HRS (IN X 100)	MAGNITUDE YEAR SO FAR (IN X 100)	
51 MAY	5 1965	19	17	37	2.2	11	10	0	7	30	3501
52 DECEMBER	23 1975	12	16	64	4.0	16	7	0	16	18	1530
53 NOVEMBER	13 1954	19	16	12	.8	22	2	0	78	106	512
54 MARCH	18 1953	17	15	33	2.2	17	6	0	70	194	3378
55 NOVEMBER	22 1959	19	14	56	4.0	20	10	0	46	112	292
56 NOVEMBER	8 1950	0	14	18	1.3	33	4	0	2	80	1132
57 NOVEMBER	18 1954	8	13	29	2.2	11	5	0	125	299	731
58 MARCH	13 1978	12	13	12	.9	36	6	0	7	33	2691
59 FEBRUARY	12 1956	1	12	28	2.3	11	7	0	1	13	3956
60 OCTOBER	17 1956	21	11	100	9.1	12	29	0	39	55	89
61 DECEMBER	3 1952	18	11	19	1.7	16	10	0	49	91	307
62 MARCH	18 1959	17	10	67	6.7	17	26	0	4	38	3088
63 NOVEMBER	5 1966	16	10	19	1.9	145	7	0	0	44	206
64 DECEMBER	3 1974	5	10	8	.8	15	3	0	16	21	973
65 OCTOBER	14 1962	7	9	27	3.0	21	6	0	76	383	428
66 MARCH	25 1972	12	9	12	1.3	22	5	0	3	124	3499
67 NOVEMBER	9 1974	1	9	4	.4	26	1	0	125	232	447
68 FEBRUARY	17 1972	7	8	23	2.9	14	6	0	39	82	2655
69 NOVEMBER	21 1972	12	8	15	1.9	46	4	0	1	67	379
70 FEBRUARY	22 1950	18	8	7	.9	108	5	0	0	57	2951
71 JANUARY	30 1973	16	7	31	4.4	17	11	0	1	89	1850
72 FEBRUARY	14 1953	17	7	15	2.1	173	7	0	0	0	2851
73 APRIL	8 1974	0	7	8	1.1	11	4	0	10	75	5414
74 FEBRUARY	12 1974	16	7	3	.4	187	1	0	0	0	4049
75 MAY	10 1977	3	6	25	4.2	108	7	0	0	39	1262
76 OCTOBER	23 1971	17	6	13	2.2	16	5	0	56	210	234
77 MAY	12 1962	17	6	8	1.3	69	3	0	0	102	2941
78 NOVEMBER	15 1978	17	6	3	.5	168	1	0	0	0	120
79 OCTOBER	8 1957	12	5	22	4.4	36	8	0	21	110	110
80 JANUARY	6 1967	7	5	14	2.8	23	7	0	47	95	1615
81 MAY	8 1956	1	5	9	1.8	25	3	0	20	40	5180
82 JANUARY	8 1965	7	5	5	1.0	12	2	0	4	130	2307
83 OCTOBER	23 1973	3	4	40	10.0	40	27	0	43	79	160
84 OCTOBER	22 1957	10	4	14	3.5	194	6	0	0	0	205
85 FEBRUARY	6 1959	5	4	9	2.3	150	5	0	0	15	2527
86 MARCH	25 1951	10	4	6	1.5	90	2	0	0	5	4509
87 DECEMBER	15 1957	5	4	3	.8	19	1	0	18	18	865
88 DECEMBER	3 1960	14	3	15	5.0	19	9	0	3	10	1224
89 APRIL	17 1967	21	3	9	3.0	29	5	0	29	83	2968
90 FEBRUARY	23 1956	5	3	6	2.0	15	3	0	106	363	4363
91 MARCH	23 1956	16	3	4	1.3	12	2	0	47	92	4866
92 MARCH	26 1972	8	3	2	.7	17	1	0	12	136	3511
93 APRIL	24 1960	16	2	8	4.0	28	7	0	1	112	2770
94 MAY	13 1955	5	2	5	2.5	276	4	0	0	0	2852
95 NOVEMBER	4 1974	23	2	4	2.0	72	2	0	0	41	216
96 MAY	8 1972	16	2	3	1.5	20	2	0	3	3	3898
97 MAY	4 1975	17	2	2	1.0	15	1	0	82	108	3365
98 JANUARY	16 1962	19	2	2	1.0	51	1	0	0	27	1505
99 MARCH	19 1962	1	2	2	1.0	64	1	0	0	7	2074
100 APRIL	28 1953	14	1	4	4.0	23	4	0	58	96	3775

RETURN STATISTICS AT SALEM  
SORTED BY MAG12

DATE EVENT ENDED	HOUR	DURATION (HOURS)	MAGNITUDE (IN X 100)	AVERAGE INTENSITY (IN/HR X 100)	HOURS SINCE LAST EVENT	MAXIMUM INTENSITY (IN/HR X 100)	MAGNITUDE LAST 12 HRS (IN X 100)	MAGNITUDE LAST 48 HRS (IN X 100)	MAGNITUDE LAST 168 HRS (IN X 100)	MAGNITUDE YEAR SO FAR (IN X 100)	
101 JANUARY	20 1968	14	1	3	3.0	11	3	0	9	199	1756
102 MARCH	31 1977	10	1	2	2.0	71	2	0	0	17	1092
103 DECEMBER	13 1960	21	1	2	2.0	51	2	0	0	22	1264
104 JANUARY	12 1960	3	1	1	1.0	18	1	0	21	154	910
105 MAY	26 1975	7	1	1	1.0	82	1	0	0	22	3422
106 DECEMBER	3 1948	16	1	1	1.0	12	1	0	158	273	1141
107 MARCH	3 1968	21	1	1	1.0	49	1	0	0	1	2769
108 APRIL	23 1963	5	1	1	1.0	57	1	0	0	43	3244
109 APRIL	19 1974	5	1	1	1.0	183	1	0	0	0	5473
110 MARCH	21 1957	5	1	1	1.0	13	1	0	26	110	2442
111 FEBRUARY	21 1951	7	1	1	1.0	32	1	0	21	101	4108
112 MAY	15 1962	16	1	1	1.0	69	1	0	0	27	2949

RETURN STATISTICS AT EUGENE  
SORTED BY MAG12

	DATE								MAGNITUDE	MAGNITUDE	MAGNITUDE	MAGNITUDE	
	EVENT ENDED	HOUR	DURATION	MAGNITUDE	AVERAGE	HOURS SINCE	MAXIMUM		LAST	LAST	LAST	YEAR	
			(HOURS)	(IN X 100)	(IN/HR X 100)	LAST EVENT	INTENSITY		12 HRS	48 HRS	168 HRS	SO FAR	
							(IN/HR X 100)		(IN X 100)	(IN X 100)	(IN X 100)	(IN X 100)	
1	NOVEMBER	5 1969	5	1	2		2.0	9	2	44	160	161	582
2	FEBRUARY	16 1974	17	11	111		10.1	7	24	32	83	112	4923
3	MARCH	22 1950	14	12	45		3.8	9	19	25	53	232	3476
4	MARCH	30 1974	7	15	190		12.7	9	36	20	238	314	6596
5	NOVEMBER	11 1967	10	1	1		1.0	7	1	18	63	152	658
6	OCTOBER	18 1956	17	1	3		3.0	6	3	16	98	104	164
7	DECEMBER	26 1960	8	3	16		5.3	6	9	14	22	22	1669
8	NOVEMBER	17 1975	14	1	1		1.0	8	1	13	87	197	1040
9	NOVEMBER	17 1975	5	6	20		3.3	8	6	11	113	239	1020
10	FEBRUARY	16 1959	12	1	1		1.0	9	1	10	68	446	3148
11	DECEMBER	31 1975	1	13	3		.2	9	1	8	28	111	2125
12	FEBRUARY	18 1968	10	1	1		1.0	6	1	8	68	68	2349
13	NOVEMBER	13 1960	16	1	3		3.0	6	3	7	34	145	340
14	DECEMBER	24 1949	16	2	3		1.5	6	2	6	54	148	1201
15	FEBRUARY	12 1952	8	8	12		1.5	8	3	5	14	15	2902
16	JANUARY	30 1968	14	35	81		2.3	10	10	4	6	30	1901
17	MAY	27 1969	10	8	25		3.1	8	10	4	7	13	4895
18	JANUARY	28 1974	1	1	1		1.0	7	1	4	11	42	4614
19	FEBRUARY	7 1950	15	4	2		.5	8	1	3	51	106	2687
20	FEBRUARY	26 1976	12	50	287		5.7	6	29	2	28	113	3481
21	MARCH	12 1961	21	15	35		2.3	9	8	2	118	346	3869
22	DECEMBER	6 1951	8	7	15		2.1	6	11	2	119	428	1616
23	MAY	15 1959	3	2	6		3.0	10	5	2	73	97	3800
24	JANUARY	1 1951	3	1	1		1.0	9	1	2	19	58	2661
25	MARCH	1 1973	19	26	80		3.1	10	15	1	6	137	2391
26	JANUARY	15 1957	10	10	5		.5	9	2	1	26	83	1621
27	OCTOBER	24 1951	8	4	6		1.5	6	4	1	155	267	566
28	MAY	3 1969	7	2	3		1.5	9	2	1	6	105	4713
29	DECEMBER	27 1967	3	1	1		1.0	10	1	1	4	33	1326
30	NOVEMBER	16 1948	21	67	162		2.4	45	17	0	3	3	408
31	NOVEMBER	19 1955	14	48	206		4.3	16	40	0	46	60	783
32	JANUARY	22 1951	9	42	130		3.1	31	22	0	71	454	3341
33	MARCH	18 1949	16	38	53		1.4	24	7	0	47	82	3006
34	OCTOBER	19 1979	10	34	345		10.1	88	45	0	0	30	30
35	JANUARY	10 1964	7	32	62		1.9	54	10	0	0	218	1606
36	MARCH	24 1977	3	29	66		2.3	113	10	0	0	12	1273
37	FEBRUARY	18 1974	21	26	214		8.2	27	38	0	130	223	5034
38	JANUARY	24 1975	5	25	25		1.0	170	4	0	0	0	2228
39	APRIL	1 1973	5	23	66		2.9	13	11	0	34	72	2878
40	JANUARY	24 1979	19	22	30		1.4	96	9	0	0	13	1215
41	MAY	31 1976	8	21	34		1.6	17	8	0	16	36	4748
42	FEBRUARY	28 1974	7	19	103		5.4	11	26	0	131	222	5481
43	NOVEMBER	23 1963	19	18	80		4.4	12	23	0	21	65	944
44	DECEMBER	10 1953	3	17	59		3.5	18	15	0	17	285	1248
45	MARCH	26 1971	1	16	90		5.6	29	18	0	29	128	4587
46	MARCH	2 1970	12	16	14		.9	15	8	0	15	15	3641
47	FEBRUARY	6 1951	11	15	43		2.9	15	8	0	144	187	3733
48	MAY	25 1968	5	14	88		6.3	26	21	0	1	130	3361
49	FEBRUARY	14 1969	16	14	16		1.1	55	6	0	0	206	4101
50	OCTOBER	25 1950	17	13	32		2.5	12	9	0	9	109	571

RETURN STATISTICS AT EUGENE  
SORTED BY MAG12

	DATE	HOUR	DURATION	MAGNITUDE	AVERAGE	HOURS SINCE	MAXIMUM	MAGNITUDE	MAGNITUDE	MAGNITUDE	MAGNITUDE		
	EVENT ENDED		(HOURS)	(IN X 100)	INTENSITY	LAST EVENT	INTENSITY	LAST 12 HRS	LAST 48 HRS	LAST 168 HRS	YEAR SO FAR		
					(IN/HR X 100)		(IN/HR X 100)	(IN X 100)	(IN X 100)	(IN X 100)	(IN X 100)		
51	DECEMBER	2	1972	21	12	68	5.7	92	13	0	0	22	507
52	DECEMBER	25	1949	19	12	19	1.6	16	7	0	57	75	1204
53	MARCH	14	1976	5	11	52	4.7	143	9	0	0	8	3886
54	JANUARY	14	1968	0	11	20	1.8	8	7	0	0	189	1533
55	DECEMBER	6	1974	16	10	64	6.4	41	35	0	4	54	855
56	MARCH	13	1973	16	10	16	1.6	12	11	0	4	51	2603
57	JANUARY	11	1967	3	9	48	5.3	104	10	0	0	79	2057
58	FEBRUARY	12	1973	7	9	21	2.3	48	10	0	3	12	2221
59	FEBRUARY	5	1978	16	9	9	1.0	35	4	0	3	182	3737
60	DECEMBER	20	1970	8	8	36	4.5	76	19	0	0	317	1912
61	FEBRUARY	28	1979	23	8	15	1.9	12	11	0	87	149	2211
62	JANUARY	17	1961	7	8	7	.9	17	4	0	3	79	1972
63	APRIL	18	1960	19	7	36	5.1	22	10	0	10	123	2939
64	MARCH	28	1953	5	7	17	2.4	77	4	0	0	121	3068
65	DECEMBER	21	1970	3	7	8	1.1	11	2	0	36	349	1948
66	OCTOBER	7	1959	23	6	55	9.2	3185	27	0	0	0	0
67	MARCH	20	1957	10	6	20	3.3	61	6	0	0	78	2999
68	MARCH	20	1973	19	6	10	1.7	24	5	0	132	173	2781
69	DECEMBER	21	1967	16	6	3	.5	42	1	0	7	63	1293
70	DECEMBER	2	1949	1	5	25	5.0	47	13	0	0	232	786
71	OCTOBER	5	1967	17	5	12	2.4	20	6	0	6	242	242
72	APRIL	27	1954	1	5	7	1.4	329	3	0	0	0	3834
73	MARCH	27	1976	21	5	2	.4	15	1	0	16	345	4408
74	MARCH	27	1949	22	4	22	5.5	29	9	0	27	53	3151
75	MAY	11	1958	8	4	13	3.3	419	6	0	0	0	4375
76	FEBRUARY	25	1979	8	4	9	2.3	27	4	0	31	148	2112
77	MAY	19	1974	19	4	5	1.3	45	4	0	22	91	7185
78	MAY	31	1955	16	4	3	.8	24	1	0	3	7	2566
79	FEBRUARY	17	1956	3	3	19	6.3	52	8	0	0	35	4426
80	APRIL	29	1951	2	3	10	3.3	11	6	0	21	21	4480
81	OCTOBER	2	1974	7	3	7	2.3	3124	5	0	0	0	0
82	NOVEMBER	4	1962	17	3	5	1.7	520	4	0	0	5	633
83	MAY	15	1977	5	3	4	1.3	14	2	0	2	8	1666
84	OCTOBER	28	1978	19	2	14	7.0	187	13	0	0	0	7
85	NOVEMBER	3	1951	8	2	8	4.0	237	5	0	0	0	572
86	NOVEMBER	19	1959	7	2	6	3.0	14	4	0	8	8	243
87	FEBRUARY	11	1969	1	2	4	2.0	13	3	0	63	224	4090
88	MAY	30	1951	16	2	3	1.5	164	2	0	0	3	4686
89	APRIL	23	1970	0	2	2	1.0	11	2	0	0	50	4037
90	NOVEMBER	11	1953	17	2	2	1.0	26	1	0	12	80	393
91	APRIL	1	1958	7	2	2	1.0	20	1	0	17	60	4057
92	APRIL	10	1974	5	1	4	4.0	14	4	0	55	75	6979
93	APRIL	6	1975	17	1	3	3.0	47	3	0	0	58	3913
94	DECEMBER	18	1963	14	1	2	2.0	106	2	0	0	5	1128
95	MARCH	31	1977	12	1	2	2.0	53	2	0	0	45	1384
96	DECEMBER	13	1969	5	1	2	2.0	15	2	0	267	364	1074
97	MAY	4	1964	16	1	1	1.0	75	1	0	0	38	3505
98	JANUARY	19	1974	17	1	1	1.0	19	1	0	101	1031	4568
99	NOVEMBER	7	1955	3	1	1	1.0	64	1	0	0	152	722
100	MAY	23	1968	14	1	1	1.0	35	1	0	16	129	3360

RETURN STATISTICS AT EUGENE  
 SORTED BY MAG12

DATE EVENT ENDED	HOUR	DURATION (HOURS)	MAGNITUDE (IN X 100)	AVERAGE INTENSITY (IN/HR X 100)	HOURS SINCE LAST EVENT	MAXIMUM INTENSITY (IN/HR X 100)	MAGNITUDE LAST 12 HRS (IN X 100)	MAGNITUDE LAST 48 HRS (IN X 100)	MAGNITUDE LAST 168 HRS (IN X 100)	MAGNITUDE YEAR SO FAR (IN X 100)		
101 MAY	15	1953	5	1	1	1.0	32	1	0	22	57	3462

RETURN STATISTICS AT PORTLAND  
SORTED BY MAG48

	DATE EVENT ENDED	HOUR	DURATION (HOURS)	MAGNITUDE (IN X 100)	AVERAGE INTENSITY (IN/HR X 100)	HOURS SINCE LAST EVENT	MAXIMUM INTENSITY (IN/HR X 100)	MAGNITUDE LAST 12 HRS (IN X 100)	MAGNITUDE LAST 48 HRS (IN X 100)	MAGNITUDE LAST 168 HRS (IN X 100)	MAGNITUDE YEAR SO FAR (IN X 100)	
1	DECEMBER	11 1968	10	16	42	2.6	7	11	30	182	418	1585
2	JANUARY	5 1966	0	1	1	1.0	8	1	12	152	342	1761
3	JANUARY	30 1965	0	19	38	2.0	6	9	15	135	391	2447
4	DECEMBER	23 1969	3	23	91	4.0	18	21	0	123	230	1219
5	MARCH	10 1957	1	3	22	7.3	9	18	3	115	362	2029
6	NOVEMBER	28 1949	16	3	5	1.7	7	4	20	109	374	764
7	JANUARY	11 1959	3	1	2	2.0	12	2	0	105	285	1585
8	OCTOBER	20 1971	7	1	2	2.0	10	2	2	99	135	135
9	DECEMBER	23 1967	7	2	2	1.0	11	1	0	93	155	1132
10	OCTOBER	24 1963	1	1	1	1.0	12	1	0	89	161	208
11	MAY	28 1958	12	1	2	2.0	18	2	0	85	101	3096
12	DECEMBER	5 1953	5	12	7	.6	8	1	1	80	126	1097
13	NOVEMBER	25 1977	16	32	168	5.3	13	21	0	76	140	574
14	JANUARY	28 1959	3	17	18	1.1	7	4	30	73	231	1988
15	NOVEMBER	18 1956	16	4	10	2.5	26	5	0	70	103	647
16	NOVEMBER	13 1957	8	29	93	3.2	6	12	16	66	75	428
17	DECEMBER	27 1975	19	1	1	1.0	25	1	0	64	204	1496
18	NOVEMBER	15 1977	3	30	46	1.5	6	8	4	61	93	384
19	DECEMBER	28 1972	8	55	122	2.2	34	18	0	59	417	1213
20	FEBRUARY	10 1962	16	28	58	2.1	17	8	0	57	97	1605
21	OCTOBER	24 1956	21	7	7	1.0	24	2	0	56	219	356
22	JANUARY	20 1974	12	1	1	1.0	41	1	0	54	560	3112
23	FEBRUARY	11 1979	8	4	2	.5	11	1	0	52	212	1196
24	APRIL	26 1967	21	7	13	1.9	16	5	0	50	51	2987
25	MARCH	13 1957	16	1	1	1.0	12	1	0	49	335	2114
26	JANUARY	19 1956	12	11	54	4.9	22	10	0	47	312	3305
27	FEBRUARY	13 1965	3	4	9	2.3	7	4	15	46	57	2563
28	NOVEMBER	17 1975	1	1	8	8.0	7	8	4	45	128	693
29	DECEMBER	8 1952	22	71	171	2.4	18	28	0	43	146	314
30	OCTOBER	7 1960	3	8	13	1.6	9	4	1	42	42	42
31	OCTOBER	30 1968	23	2	2	1.0	8	1	3	41	45	501
32	DECEMBER	7 1977	17	3	6	2.0	8	3	1	40	235	1019
33	APRIL	13 1961	10	1	1	1.0	12	1	0	39	54	3367
34	NOVEMBER	10 1964	10	10	5	.5	12	2	0	37	147	264
35	MARCH	28 1979	7	6	7	1.2	10	3	7	36	36	1812
36	MARCH	23 1955	19	4	4	1.0	32	1	0	35	40	2064
37	APRIL	11 1974	0	3	3	1.0	24	2	0	34	71	4458
38	NOVEMBER	11 1949	23	32	91	2.8	7	8	4	32	35	270
39	DECEMBER	22 1974	3	32	76	2.4	14	27	0	31	109	1229
40	FEBRUARY	11 1951	19	36	107	3.0	28	34	0	30	197	3268
41	JANUARY	27 1953	19	1	1	1.0	24	1	0	30	242	2109
42	JANUARY	14 1976	21	39	104	2.7	8	10	2	28	189	1879
43	MARCH	22 1950	5	1	2	2.0	9	2	9	28	180	3221
44	MARCH	28 1977	17	4	10	2.5	13	4	0	27	71	1051
45	MAY	1 1964	3	10	21	2.1	19	5	0	26	53	2628
46	FEBRUARY	1 1963	7	51	133	2.6	31	25	0	25	25	1623
47	JANUARY	14 1978	5	2	4	2.0	10	3	2	25	125	1930
48	NOVEMBER	27 1977	17	4	6	1.5	9	4	10	24	301	752
49	DECEMBER	2 1953	8	13	14	1.1	14	3	0	23	108	1003
50	MARCH	30 1959	14	24	45	1.9	25	8	0	22	128	2732



RETURN STATISTICS AT PORTLAND  
SORTED BY MAG48

	DATE				AVERAGE	HOURS SINCE	MAXIMUM	MAGNITUDE	MAGNITUDE	MAGNITUDE	MAGNITUDE
	EVENT ENDED	HOUR	DURATION	MAGNITUDE	INTENSITY	LAST EVENT	INTENSITY	LAST	LAST	LAST	YEAR
			(HOURS)	(IN X 100)	(IN/HR X 100)		(IN/HR X 100)	12 HRS	48 HRS	168 HRS	SO FAR
								(IN X 100)	(IN X 100)	(IN X 100)	(IN X 100)
51	NOVEMBER	13 1962	3	2	1.0	8	1	5	22	263	673
52	MARCH	28 1959	0	4	3.8	29	8	0	21	134	2710
53	DECEMBER	10 1979	7	8	.6	6	3	19	20	85	1087
54	JANUARY	5 1965	10	24	1.5	6	6	4	19	161	1854
55	FEBRUARY	28 1979	3	1	6.0	17	6	0	19	193	1569
56	JANUARY	6 1962	12	5	4.4	14	15	0	18	69	1419
57	MAY	28 1979	14	9	.4	15	1	0	17	20	2313
58	APRIL	21 1949	23	19	.9	23	5	0	16	18	1846
59	APRIL	12 1963	21	1	1.0	8	1	6	16	91	2738
60	FEBRUARY	6 1966	17	2	1.0	23	1	0	15	19	2094
61	DECEMBER	3 1950	6	12	3.3	32	8	0	14	154	1580
62	APRIL	16 1977	14	1	5.0	17	5	0	14	48	1140
63	JANUARY	12 1978	1	9	1.3	17	4	0	13	155	1893
64	JANUARY	31 1959	12	39	1.0	16	5	0	12	237	2011
65	JANUARY	20 1959	8	2	1.5	17	2	0	12	57	1754
66	APRIL	17 1960	16	7	1.4	34	7	1	11	133	2408
67	JANUARY	17 1962	17	1	1.0	13	1	0	11	52	1497
68	MAY	14 1977	16	5	2.6	10	5	3	10	72	1370
69	DECEMBER	11 1974	10	22	2.8	11	15	0	9	72	974
70	MARCH	3 1957	8	3	.7	6	1	1	9	165	1667
71	APRIL	24 1970	21	18	3.0	11	21	0	8	75	3516
72	APRIL	16 1964	16	3	1.0	33	1	0	8	24	2542
73	MAY	15 1966	19	12	2.3	26	15	0	7	16	2862
74	JANUARY	16 1977	16	1	1.0	29	1	0	7	75	451
75	MARCH	16 1949	3	8	4.0	14	10	0	6	36	1625
76	APRIL	24 1971	5	1	1.0	15	1	0	6	15	3409
77	FEBRUARY	2 1960	1	14	1.4	16	7	0	5	137	1382
78	APRIL	2 1956	12	2	2.0	16	2	0	5	51	4318
79	MARCH	14 1952	8	20	2.6	7	6	1	4	61	2667
80	MARCH	30 1973	21	7	2.9	18	5	0	4	25	2126
81	OCTOBER	6 1970	3	2	1.0	20	1	0	4	4	4
82	JANUARY	2 1951	18	21	6.0	19	14	0	3	136	2199
83	JANUARY	7 1972	10	8	.4	43	1	0	3	4	1621
84	OCTOBER	15 1964	7	1	1.0	11	1	0	3	5	26
85	FEBRUARY	4 1971	8	14	2.4	30	8	0	2	10	2320
86	MARCH	20 1964	10	5	2.0	40	3	0	2	25	2421
87	OCTOBER	14 1964	19	1	1.0	15	1	0	2	18	25
88	DECEMBER	14 1970	19	15	3.2	12	12	0	1	56	1127
89	OCTOBER	7 1955	16	6	3.8	42	6	0	1	86	86
90	JANUARY	24 1955	7	2	1.0	46	1	0	1	28	1552
91	DECEMBER	25 1965	8	49	2.8	53	12	0	0	42	924
92	JANUARY	30 1968	12	33	1.9	61	10	0	0	19	1519
93	NOVEMBER	11 1960	1	26	1.8	175	5	0	0	0	254
94	APRIL	14 1978	12	21	2.1	188	6	0	0	0	2716
95	OCTOBER	26 1971	17	19	1.4	65	11	0	0	114	183
96	OCTOBER	8 1958	5	16	1.6	3086	8	0	0	0	0
97	MAY	21 1961	3	14	4.4	159	19	0	0	2	3825
98	MAY	14 1969	5	13	1.1	288	3	0	0	0	3655
99	NOVEMBER	7 1968	3	11	1.9	90	6	0	0	50	551
100	DECEMBER	19 1952	7	10	1.7	76	8	0	0	6	627

197

RETURN STATISTICS AT PORTLAND  
SORTED BY MAG48

DATE EVENT ENDED	HOUR	DURATION (HOURS)	MAGNITUDE (IN X 100)	AVERAGE INTENSITY (IN/HR X 100)	HOURS SINCE LAST EVENT	MAXIMUM INTENSITY (IN/HR X 100)	MAGNITUDE LAST 12 HRS (IN X 100)	MAGNITUDE LAST 48 HRS (IN X 100)	MAGNITUDE LAST 168 HRS (IN X 100)	MAGNITUDE YEAR SO FAR (IN X 100)	
101 FEBRUARY	15	1951	9	21	2.3	77	6	0	0	140	3375
102 MAY	9	1967	5	8	30	3.8	266	11	0	0	3016
103 OCTOBER	30	1957	5	7	39	5.6	105	15	0	0	314
104 FEBRUARY	7	1956	10	7	9	1.3	48	2	0	0	3594
105 NOVEMBER	9	1974	21	6	20	3.3	47	8	0	0	403
106 MAY	18	1962	21	6	4	.7	138	2	0	0	2737
107 OCTOBER	18	1971	8	5	9	1.8	59	3	0	0	32
108 MAY	7	1972	21	4	16	4.0	215	6	0	0	3436
109 MAY	3	1973	5	4	4	1.0	260	1	0	0	2285
110 APRIL	12	1963	0	3	6	2.0	50	5	0	0	2722
111 FEBRUARY	19	1960	7	3	2	.7	83	1	0	0	1773
112 MARCH	26	1977	19	2	5	2.5	59	4	0	0	1024
113 APRIL	16	1969	19	2	2	1.0	79	1	0	0	3511
114 NOVEMBER	13	1963	12	1	3	3.0	57	3	0	0	562
115 MARCH	7	1949	3	1	2	2.0	125	2	0	0	1587
116 APRIL	30	1957	21	1	1	1.0	150	1	0	0	2593
117 FEBRUARY	12	1973	10	1	1	1.0	47	1	0	0	1757

RETURN STATISTICS AT SALEM  
SORTED BY MAG48

DATE EVENT ENDED	HOUR	DURATION (HOURS)	MAGNITUDE (IN X 100)	AVERAGE INTENSITY (IN/HR X 100)	HOURS SINCE LAST EVENT	MAXIMUM INTENSITY (IN/HR X 100)	MAGNITUDE LAST 12 HRS (IN X 100)	MAGNITUDE LAST 48 HRS (IN X 100)	MAGNITUDE LAST 168 HRS (IN X 100)	MAGNITUDE YEAR SO FAR (IN X 100)		
1	OCTOBER	20 1979	12	10	86	8.6	6	13	29	217	233	233
2	FEBRUARY	17 1953	19	8	68	8.5	7	22	27	178	208	3059
3	JANUARY	3 1951	0	3	7	2.3	6	3	26	157	237	2803
4	FEBRUARY	8 1979	1	8	5	.6	13	2	0	145	179	1214
5	FEBRUARY	28 1976	1	1	6	6.0	9	6	1	131	426	2990
6	JANUARY	9 1969	0	1	1	1.0	7	1	0	123	209	2578
7	OCTOBER	10 1962	19	17	25	1.5	17	6	0	112	211	243
8	DECEMBER	14 1969	23	1	1	1.0	11	1	0	106	403	1198
9	NOVEMBER	12 1960	0	2	4	2.0	19	3	0	100	100	390
10	MARCH	2 1972	19	12	40	3.3	7	9	11	93	316	3096
11	NOVEMBER	18 1979	19	5	13	2.6	7	7	19	89	119	784
12	MARCH	16 1974	0	1	1	1.0	19	1	0	85	277	4912
13	FEBRUARY	13 1950	22	2	6	3.0	7	4	7	81	189	2864
14	FEBRUARY	18 1979	1	11	24	2.2	13	7	0	78	197	1514
15	OCTOBER	25 1956	17	26	38	1.5	13	7	0	74	264	398
16	OCTOBER	28 1979	5	8	35	4.4	19	12	0	72	211	530
17	DECEMBER	15 1971	16	2	3	1.5	18	2	0	70	341	1476
18	DECEMBER	12 1956	7	4	8	2.0	23	3	0	67	149	942
19	NOVEMBER	14 1951	6	7	4	.6	6	2	26	64	334	1085
20	OCTOBER	20 1968	16	8	8	1.0	6	4	37	61	201	513
21	JANUARY	24 1950	7	6	4	.7	10	1	3	59	311	2350
22	NOVEMBER	25 1973	17	21	49	2.3	14	10	0	57	296	1650
23	MARCH	8 1961	0	1	1	1.0	8	1	0	55	268	3374
24	FEBRUARY	24 1979	17	26	35	1.3	9	3	5	52	162	1643
25	FEBRUARY	28 1979	3	2	6	3.0	15	5	0	51	152	1743
26	APRIL	6 1954	3	23	91	4.0	15	18	0	48	122	3795
27	MARCH	23 1956	16	3	4	1.3	12	2	0	47	92	4866
28	NOVEMBER	13 1952	13	8	11	1.4	6	3	2	45	72	155
29	OCTOBER	18 1950	14	25	34	1.4	7	5	23	43	71	475
30	MARCH	28 1979	3	4	3	.8	11	1	0	42	42	1964
31	NOVEMBER	9 1975	3	1	1	1.0	13	1	0	41	170	721
32	JANUARY	10 1972	5	5	8	1.6	15	3	0	39	46	1800
33	NOVEMBER	8 1965	21	1	1	1.0	7	1	7	38	171	391
34	NOVEMBER	10 1949	8	10	15	1.5	7	5	3	36	40	271
35	OCTOBER	23 1979	3	19	33	1.7	44	4	0	34	314	319
36	MARCH	19 1952	13	19	13	.7	9	3	1	33	71	3394
37	FEBRUARY	3 1953	5	27	79	2.9	34	8	0	31	111	2658
38	FEBRUARY	3 1961	19	1	1	1.0	21	1	0	31	235	2114
39	OCTOBER	4 1951	6	1	1	1.0	17	1	0	30	242	242
40	MARCH	13 1966	14	1	1	1.0	8	1	16	29	340	3007
41	NOVEMBER	5 1977	19	1	1	1.0	13	1	0	28	137	304
42	OCTOBER	28 1972	16	1	2	2.0	6	2	13	27	32	68
43	APRIL	24 1958	16	10	11	1.1	17	6	0	25	157	3723
44	DECEMBER	30 1977	3	18	19	1.1	7	5	13	24	59	1701
45	MAY	17 1960	21	19	24	1.3	15	5	0	23	90	2940
46	NOVEMBER	16 1962	3	26	52	2.0	32	8	0	22	192	769
47	NOVEMBER	24 1963	1	24	34	1.4	6	12	1	21	87	957
48	FEBRUARY	21 1951	7	1	1	1.0	32	1	0	21	101	4108
49	MARCH	8 1961	10	3	4	1.3	33	2	1	20	214	3375
50	DECEMBER	4 1956	19	12	21	1.8	10	6	1	19	19	772

RETURN STATISTICS AT SALEM  
SORTED BY MAG48

DATE EVENT ENDED	HOUR	DURATION (HOURS)	MAGNITUDE (IN X 100)	AVERAGE INTENSITY (IN/HR X 100)	HOURS SINCE LAST EVENT	MAXIMUM INTENSITY (IN/HR X 100)	MAGNITUDE LAST 12 HRS (IN X 100)	MAGNITUDE LAST 48 HRS (IN X 100)	MAGNITUDE LAST 168 HRS (IN X 100)	MAGNITUDE YEAR SO FAR (IN X 100)	
51 APRIL	23 1964	7	8	11	1.4	9	7	4	18	24	3036
52 FEBRUARY	26 1955	21	22	25	1.1	6	6	9	17	17	1862
53 DECEMBER	2 1958	7	3	20	6.7	17	18	0	17	24	958
54 OCTOBER	9 1959	3	13	21	1.6	12	5	0	16	16	16
55 APRIL	28 1950	8	1	1	1.0	20	1	0	16	20	3806
56 APRIL	23 1949	10	6	13	2.2	31	5	0	15	36	3525
57 DECEMBER	25 1966	1	11	37	3.4	20	14	0	14	33	1476
58 MAY	23 1978	12	1	2	2.0	18	2	0	14	15	3392
59 MAY	13 1957	23	12	5	.4	6	2	9	13	99	2964
60 JANUARY	4 1975	5	18	84	4.7	10	19	5	12	42	1669
61 DECEMBER	18 1974	19	3	14	4.7	7	12	4	12	131	1281
62 DECEMBER	20 1948	5	11	21	1.9	6	6	11	11	17	1568
63 DECEMBER	16 1970	17	61	215	3.5	17	20	0	10	56	1352
64 MAY	16 1960	12	3	13	4.3	8	12	5	10	77	2927
65 MARCH	1 1964	1	9	50	5.6	27	19	0	9	9	2567
66 MAY	5 1977	10	1	1	1.0	18	1	0	9	108	1261
67 APRIL	27 1950	10	5	8	1.6	13	4	0	8	12	3798
68 MARCH	13 1978	12	13	12	.9	36	6	0	7	33	2691
69 MAY	29 1967	10	1	3	3.0	21	3	0	7	7	3182
70 FEBRUARY	6 1958	1	3	6	2.0	14	2	0	6	207	2415
71 MAY	14 1955	14	19	84	4.4	13	11	0	5	5	2857
72 FEBRUARY	4 1966	17	4	7	1.8	28	4	0	5	73	2380
73 NOVEMBER	7 1974	14	40	227	5.7	23	19	0	4	45	220
74 JANUARY	31 1977	12	5	3	.6	10	2	3	4	4	475
75 DECEMBER	10 1971	21	68	160	2.4	46	25	0	3	172	1108
76 MARCH	6 1973	3	8	29	3.6	26	7	0	3	111	2121
77 MARCH	18 1963	7	3	2	.7	9	1	3	3	50	2312
78 MAY	17 1972	19	46	189	4.1	11	22	0	2	2	3903
79 NOVEMBER	11 1955	21	13	15	1.2	16	3	0	2	14	849
80 FEBRUARY	27 1966	17	4	13	3.3	19	8	0	2	23	2562
81 MAY	14 1961	5	1	1	1.0	7	1	2	2	57	4381
82 NOVEMBER	8 1954	19	17	21	1.2	24	4	0	1	62	407
83 JANUARY	14 1960	1	8	12	1.5	37	4	0	1	140	911
84 MAY	8 1973	5	2	7	3.5	100	6	1	1	7	2569
85 JANUARY	31 1958	12	96	421	4.4	54	28	0	0	111	1988
86 OCTOBER	28 1974	19	39	105	2.7	155	9	0	0	41	70
87 DECEMBER	27 1951	13	29	76	2.6	108	13	0	0	40	1926
88 FEBRUARY	12 1976	8	24	24	1.0	65	5	0	0	3	2315
89 FEBRUARY	22 1958	16	20	29	1.5	48	4	0	0	167	2888
90 NOVEMBER	22 1979	17	16	97	6.1	78	12	0	0	132	797
91 OCTOBER	31 1976	16	14	48	3.4	57	16	0	0	77	103
92 NOVEMBER	24 1968	16	13	15	1.2	49	5	0	0	188	1207
93 DECEMBER	5 1955	14	11	74	6.7	63	14	0	0	130	1508
94 APRIL	4 1968	21	10	24	2.4	64	7	0	0	24	3124
95 NOVEMBER	1 1953	14	9	20	2.2	65	8	0	0	1	306
96 MAY	19 1976	16	8	20	2.5	208	8	0	0	0	3620
97 FEBRUARY	24 1978	14	7	25	3.6	177	8	0	0	0	2609
98 OCTOBER	28 1963	7	6	50	8.3	72	18	0	0	203	262
99 MAY	31 1968	21	6	10	1.7	70	3	0	0	101	3580
100 OCTOBER	17 1958	17	5	22	4.4	221	8	0	0	0	17

RETURN STATISTICS AT SALEM  
SORTED BY MAG48

DATE EVENT ENDED	HOUR	DURATION (HOURS)	MAGNITUDE (IN X 100)	AVERAGE INTENSITY (IN/HR X 100)	HOURS SINCE LAST EVENT	MAXIMUM INTENSITY (IN/HR X 100)	MAGNITUDE LAST 12 HRS (IN X 100)	MAGNITUDE LAST 48 HRS (IN X 100)	MAGNITUDE LAST 168 HRS (IN X 100)	MAGNITUDE YEAR SO FAR (IN X 100)	
101 DECEMBER	22 1977	8	5	9	1.8	91	4	0	0	162	1633
102 NOVEMBER	18 1961	1	4	15	3.8	161	9	0	0	3	374
103 APRIL	28 1972	1	4	6	1.5	58	3	0	0	56	3888
104 OCTOBER	6 1977	5	3	10	3.3	3051	4	0	0	0	0
105 JANUARY	20 1955	5	3	4	1.3	71	2	0	0	109	1668
106 OCTOBER	11 1973	19	2	7	3.5	110	6	0	0	69	69
107 MARCH	23 1952	7	2	3	1.5	88	2	0	0	46	3407
108 JANUARY	26 1976	5	2	2	1.0	84	1	0	0	33	2273
109 FEBRUARY	16 1977	23	1	2	2.0	95	2	0	0	11	489
110 NOVEMBER	22 1954	12	1	1	1.0	72	1	0	0	223	802
111 MARCH	1 1968	19	1	1	1.0	163	1	0	0	10	2768
112 NOVEMBER	12 1959	7	1	1	1.0	213	1	0	0	0	179

RETURN STATISTICS AT EUGENE  
SORTED BY MAG48

	DATE								MAGNITUDE	MAGNITUDE	MAGNITUDE	MAGNITUDE
	EVENT ENDED	HOUR	DURATION	MAGNITUDE	AVERAGE	HOURS SINCE	MAXIMUM		LAST	LAST	LAST	YEAR
			(HOURS)	(IN X 100)	(IN/HR X 100)	LAST EVENT	INTENSITY		12 HRS	48 HRS	168 HRS	SO FAR
							(IN/HR X 100)		(IN X 100)	(IN X 100)	(IN X 100)	(IN X 100)
1	DECEMBER	22 1969	23	14	100	21	30	0	258	408	1554	
2	JANUARY	7 1978	14	4	12	24	4	0	211	389	3050	
3	OCTOBER	9 1962	7	12	54	12	11	0	179	251	251	
4	NOVEMBER	5 1972	1	1	1.0	6	1	3	159	197	323	
5	FEBRUARY	6 1951	11	15	43	15	8	0	144	187	3733	
6	MARCH	20 1973	19	6	10	24	5	0	132	173	2781	
7	DECEMBER	7 1948	6	18	41	7	7	20	124	283	1092	
8	JANUARY	1 1965	3	1	1.0	11	1	0	119	491	3271	
9	NOVEMBER	11 1960	3	1	1.0	7	1	55	110	110	305	
10	MAY	27 1953	8	17	45	12	10	0	103	239	3763	
11	APRIL	13 1955	1	18	91	9	20	4	98	132	2202	
12	DECEMBER	19 1955	14	17	219	7	40	3	92	246	1968	
13	MARCH	4 1979	17	1	2	12	2	0	88	193	2314	
14	JANUARY	14 1958	1	4	10	24	4	0	83	227	2125	
15	DECEMBER	11 1952	15	12	9	20	5	0	79	428	780	
16	APRIL	18 1973	21	10	25	7	9	8	74	103	3054	
17	OCTOBER	10 1959	10	2	3	28	2	0	71	128	128	
18	APRIL	14 1967	21	9	8	17	4	0	68	70	3542	
19	NOVEMBER	14 1971	16	1	2	16	2	0	66	254	682	
20	NOVEMBER	29 1973	7	25	182	8	29	20	61	222	2068	
21	DECEMBER	2 1968	7	1	1	14	1	0	58	101	1331	
22	DECEMBER	30 1968	16	24	37	36	6	0	55	172	2507	
23	DECEMBER	26 1954	1	1	1	10	1	2	53	95	1079	
24	MAY	12 1978	21	6	18	28	5	0	51	61	4776	
25	DECEMBER	24 1979	3	24	44	33	6	0	48	183	2014	
26	FEBRUARY	10 1958	7	26	26	8	9	2	46	96	2907	
27	APRIL	12 1957	21	1	1	7	1	5	45	59	3256	
28	MARCH	10 1973	16	1	3	8	3	21	43	112	2595	
29	MARCH	16 1957	17	3	9	18	7	0	41	227	2967	
30	JANUARY	31 1952	8	8	44	14	20	0	39	47	2641	
31	MARCH	10 1950	22	1	1	8	1	5	38	81	3226	
32	APRIL	12 1979	3	7	10	15	3	0	36	163	2709	
33	DECEMBER	26 1957	7	16	87	22	32	0	34	719	1653	
34	MARCH	22 1957	3	3	9	7	6	13	33	91	3032	
35	APRIL	13 1950	14	14	49	9	8	9	31	49	3682	
36	MARCH	12 1970	3	4	5	14	2	0	30	140	3799	
37	MARCH	11 1952	10	1	1	27	1	0	29	38	3207	
38	APRIL	5 1972	21	26	123	12	23	0	27	61	4950	
39	OCTOBER	11 1959	7	8	25	14	8	0	26	131	131	
40	JANUARY	14 1957	16	1	1	6	1	5	25	126	1620	
41	MAY	2 1963	19	12	26	7	6	10	23	35	3612	
42	FEBRUARY	6 1972	7	4	3	13	1	0	22	34	3497	
43	JANUARY	27 1964	14	8	4	32	2	14	20	200	2728	
44	DECEMBER	2 1973	7	2	2	6	5	1	19	308	2289	
45	APRIL	28 1967	19	2	8	29	1	0	18	106	3747	
46	MAY	22 1972	3	2	6	14	4	0	17	288	5757	
47	NOVEMBER	6 1968	21	7	65	28	17	0	16	88	687	
48	JANUARY	9 1956	17	13	33	30	9	0	15	424	3748	
49	FEBRUARY	7 1978	19	16	66	8	14	2	14	190	3751	
50	NOVEMBER	21 1974	14	20	87	20	18	0	13	158	589	

RETURN STATISTICS AT EUGENE  
SORTED BY MAG48

DATE	AVERAGE	HOURS SINCE	MAXIMUM	MAGNITUDE	MAGNITUDE	MAGNITUDE	MAGNITUDE				
EVENT ENDED	INTENSITY	LAST EVENT	INTENSITY	LAST	LAST	LAST	YEAR				
HOUR	(IN/HR X 100)	LAST EVENT	(IN/HR X 100)	12 HRS	48 HRS	168 HRS	SO FAR				
DURATION (HOURS)	(IN X 100)			(IN X 100)	(IN X 100)	(IN X 100)	(IN X 100)				
51 MARCH	21 1964	5	1	1.0	10	1	3	13	27	3299	
52 DECEMBER	11 1959	7	6	7.8	16	20	0	12	24	393	
53 DECEMBER	7 1977	3	26	79	34	15	0	11	230	1402	
54 DECEMBER	2 1978	19	1	1.0	14	1	0	11	230	693	
55 MARCH	17 1973	5	7	2.9	7	11	5	10	75	2629	
56 DECEMBER	28 1968	3	38	131	15	14	0	9	83	2376	
57 NOVEMBER	25 1971	1	44	106	2.4	35	16	0	8	692	
58 JANUARY	19 1979	21	3	5	1.7	9	2	8	42	1210	
59 MAY	27 1969	10	8	25	3.1	8	10	4	7	4895	
60 OCTOBER	15 1965	14	35	65	1.9	21	10	0	6	123	
61 MAY	26 1969	5	6	3	.5	38	1	0	6	4888	
62 OCTOBER	30 1975	10	21	115	5.5	41	28	0	5	186	454
63 MAY	2 1969	21	1	1	1.0	23	1	0	5	104	4712
64 MARCH	26 1949	13	13	27	2.1	14	6	0	4	65	3124
65 APRIL	11 1972	3	4	5	1.3	43	2	0	4	332	5271
66 DECEMBER	28 1953	12	1	1	1.0	46	1	0	4	24	1672
67 NOVEMBER	18 1977	7	8	22	2.8	32	12	0	3	105	484
68 FEBRUARY	4 1973	19	1	1	1.0	9	1	1	3	65	2208
69 OCTOBER	15 1971	7	21	60	2.9	23	39	0	2	2	2
70 JANUARY	21 1965	3	6	11	1.8	37	3	0	2	2	3652
71 FEBRUARY	14 1966	14	2	4	2.0	62	3	0	2	78	2970
72 MAY	26 1971	8	19	79	4.2	14	12	0	1	30	5375
73 DECEMBER	12 1951	6	4	3	.8	16	1	0	1	45	1634
74 JANUARY	28 1969	3	69	241	3.5	63	13	0	0	30	3389
75 DECEMBER	11 1956	7	35	174	5.0	57	19	0	0	140	1093
76 OCTOBER	23 1971	12	27	71	2.6	54	12	0	0	127	189
77 NOVEMBER	15 1962	23	22	65	3.0	55	14	0	0	158	827
78 DECEMBER	30 1959	19	19	19	1.0	116	3	0	0	95	622
79 APRIL	13 1967	19	15	68	4.5	86	10	0	0	2	3474
80 JANUARY	20 1958	16	14	27	1.9	66	7	0	0	147	2272
81 APRIL	19 1975	3	12	30	2.5	47	6	0	0	17	3988
82 JANUARY	22 1969	16	11	20	1.8	80	5	0	0	122	3369
83 FEBRUARY	25 1974	10	10	8	.8	56	3	0	0	294	5342
84 JANUARY	17 1949	13	9	3	.3	212	1	0	0	0	1805
85 NOVEMBER	19 1951	14	8	11	1.4	122	4	0	0	77	935
86 MARCH	28 1953	5	7	17	2.4	77	4	0	0	121	3068
87 APRIL	9 1974	0	6	49	8.2	47	16	0	0	61	6924
88 FEBRUARY	24 1951	19	6	7	1.2	75	2	0	0	49	4046
89 OCTOBER	26 1971	5	5	10	2.0	60	3	0	0	196	260
90 NOVEMBER	18 1961	3	4	24	6.0	154	10	0	0	62	547
91 FEBRUARY	3 1970	8	4	10	2.5	48	5	0	0	52	3304
92 DECEMBER	20 1978	19	4	2	.5	70	1	0	0	8	966
93 OCTOBER	28 1973	8	3	12	4.0	73	5	0	0	59	148
94 APRIL	28 1965	7	3	6	2.0	103	3	0	0	6	4789
95 NOVEMBER	25 1954	7	2	15	7.5	141	12	0	0	29	723
96 DECEMBER	1 1965	19	2	6	3.0	115	3	0	0	76	986
97 MAY	30 1955	12	2	3	1.5	97	2	0	0	4	2563
98 OCTOBER	24 1969	14	1	8	8.0	182	8	0	0	0	339
99 JANUARY	16 1972	21	1	2	2.0	99	2	0	0	301	2576
100 MAY	12 1962	17	1	1	1.0	73	1	0	0	63	3844

RETURN STATISTICS AT EUGENE  
 SORTED BY MAG48

DATE EVENT ENDED	HOUR	DURATION (HOURS)	MAGNITUDE (IN X 100)	AVERAGE INTENSITY (IN/HR X 100)	HOURS SINCE LAST EVENT	MAXIMUM INTENSITY (IN/HR X 100)	MAGNITUDE LAST 12 HRS (IN X 100)	MAGNITUDE LAST 48 HRS (IN X 100)	MAGNITUDE LAST 168 HRS (IN X 100)	MAGNITUDE YEAR SO FAR (IN X 100)
101 DECEMBER	12 1979 14	1	1	1.0	62	1	0	0	20	1830



RETURN STATISTICS AT PORTLAND  
SORTED BY MAG168

	DATE			AVERAGE	HOURS SINCE	MAXIMUM	MAGNITUDE	MAGNITUDE	MAGNITUDE	MAGNITUDE		
	EVENT ENDED	HOUR	DURATION	INTENSITY	LAST EVENT	INTENSITY	LAST	LAST	LAST	YEAR		
			(HOURS)	(IN X 100)		(IN/HR X 100)	12 HRS	48 HRS	168 HRS	SO FAR		
							(IN X 100)	(IN X 100)	(IN X 100)	(IN X 100)		
1	JANUARY	10 1956	0	4	3	.8	6	1	12	25	438	2981
2	DECEMBER	10 1966	19	2	2	1.0	7	1	11	74	381	1287
3	NOVEMBER	13 1968	5	3	8	2.7	9	5	15	108	357	908
4	DECEMBER	21 1973	19	2	5	2.5	6	4	1	132	331	2105
5	NOVEMBER	29 1964	7	10	21	2.1	10	6	1	44	312	636
6	FEBRUARY	17 1970	19	3	9	3.0	9	7	5	158	300	3071
7	OCTOBER	9 1950	22	5	4	.8	28	2	0	72	288	290
8	NOVEMBER	30 1955	7	10	26	2.6	22	11	0	13	273	1360
9	DECEMBER	14 1968	3	15	45	3.0	38	6	0	4	264	1631
10	NOVEMBER	20 1955	7	1	1	1.0	23	1	0	193	258	1066
11	JANUARY	28 1959	14	1	1	1.0	10	1	2	91	249	2006
12	JANUARY	14 1969	10	1	1	1.0	12	1	0	63	239	2749
13	DECEMBER	27 1961	10	3	4	1.3	7	2	8	9	232	1325
14	NOVEMBER	28 1961	10	46	103	2.2	58	9	0	0	224	639
15	NOVEMBER	19 1953	21	29	50	1.7	26	21	0	33	216	657
16	NOVEMBER	14 1951	17	1	2	2.0	7	2	1	19	211	925
17	OCTOBER	24 1970	14	28	44	1.6	9	16	20	100	204	229
18	NOVEMBER	22 1959	14	10	76	7.6	25	18	0	76	198	592
19	FEBRUARY	28 1979	3	1	6	6.0	17	6	0	19	193	1569
20	OCTOBER	27 1956	16	4	10	2.5	6	8	9	39	188	402
21	DECEMBER	30 1965	12	114	434	3.8	9	14	7	77	181	1061
22	DECEMBER	3 1979	3	10	20	2.0	10	6	17	167	178	990
23	DECEMBER	26 1949	3	1	1	1.0	9	1	2	52	176	1188
24	NOVEMBER	16 1960	21	2	3	1.5	12	2	0	54	171	425
25	DECEMBER	10 1955	19	11	72	6.5	27	21	0	50	166	1616
26	JANUARY	10 1978	23	6	4	.7	22	1	0	29	162	1889
27	DECEMBER	31 1954	19	15	27	1.8	14	5	0	49	159	1323
28	FEBRUARY	28 1961	10	1	1	1.0	25	1	0	39	157	2704
29	MARCH	20 1950	16	5	13	2.6	26	5	0	27	154	3193
30	MARCH	30 1956	17	16	22	1.4	21	7	0	20	149	4289
31	DECEMBER	6 1955	23	20	39	2.0	13	9	0	56	146	1506
32	NOVEMBER	8 1965	3	14	23	1.6	14	6	0	5	143	346
33	MAY	26 1960	17	2	2	1.0	6	1	8	31	141	2926
34	FEBRUARY	2 1960	1	14	20	1.4	16	7	0	5	137	1382
35	DECEMBER	28 1961	3	6	20	3.3	11	8	0	13	135	1329
36	MARCH	28 1953	14	23	29	1.3	65	4	0	0	132	2880
37	APRIL	25 1970	17	11	24	2.2	9	10	5	58	129	3570
38	DECEMBER	26 1975	17	29	78	2.7	29	9	0	25	126	1418
39	MARCH	28 1976	7	8	3	.4	6	1	1	8	124	2823
40	JANUARY	25 1974	7	4	5	1.3	8	2	1	21	122	3149
41	MAY	9 1962	17	6	14	2.3	8	7	3	49	119	2714
42	DECEMBER	24 1960	14	4	5	1.3	127	2	0	0	117	1326
43	NOVEMBER	1 1977	3	7	20	2.9	15	6	0	21	114	217
44	JANUARY	1 1953	1	9	3	.3	10	1	6	82	112	858
45	APRIL	29 1951	15	3	2	.7	19	1	0	96	111	3968
46	DECEMBER	2 1953	8	13	14	1.1	14	3	0	23	108	1003
47	FEBRUARY	4 1951	16	4	5	1.3	18	2	0	35	106	3075
48	FEBRUARY	17 1967	10	14	27	1.9	40	9	0	37	103	2296
49	OCTOBER	16 1956	23	1	1	1.0	10	1	15	75	102	111
50	OCTOBER	12 1960	14	7	4	.6	16	2	0	18	99	99

RETURN STATISTICS AT PORTLAND  
SORTED BY MAG168

	DATE													
	EVENT ENDED	YEAR	HOUR	DURATION	MAGNITUDE	AVERAGE	HOURS SINCE	MAXIMUM	MAGNITUDE	MAGNITUDE	MAGNITUDE	MAGNITUDE		
			(HOURS)	(HOURS)	(IN X 100)	(IN/HR X 100)	LAST EVENT	INTENSITY	LAST 12 HRS	LAST 48 HRS	LAST 168 HRS	YEAR SO FAR		
								(IN/HR X 100)	(IN X 100)	(IN X 100)	(IN X 100)	(IN X 100)		
51	JANUARY	6	1961	17	18	88		4.9	8	12	4	90	96	1453
52	JANUARY	20	1964	3	99	320		3.2	7	20	20	43	94	1484
53	JANUARY	6	1978	3	27	67		2.5	25	11	0	31	92	1738
54	APRIL	17	1958	10	15	35		2.3	15	11	0	53	90	2827
55	NOVEMBER	13	1972	7	2	2		1.0	80	1	0	0	88	301
56	APRIL	18	1973	1	1	2		2.0	6	2	22	76	86	2246
57	APRIL	29	1955	3	7	15		2.1	33	4	0	4	83	2680
58	MARCH	25	1967	0	1	1		1.0	6	1	5	12	81	2702
59	DECEMBER	5	1972	19	5	11		2.2	60	4	0	0	79	541
60	MARCH	22	1964	14	1	4		4.0	14	4	0	45	77	2476
61	OCTOBER	30	1957	5	7	39		5.6	105	15	0	0	75	314
62	FEBRUARY	16	1965	10	14	33		2.4	29	9	0	7	73	2585
63	DECEMBER	10	1956	0	13	58		4.5	48	19	0	0	71	728
64	MAY	23	1961	14	1	2		2.0	14	2	0	9	70	3895
65	MAY	4	1959	8	1	1		1.0	39	1	0	6	68	2917
66	MARCH	10	1964	7	13	5		.4	17	1	0	11	66	2353
67	MARCH	5	1957	23	6	12		2.0	6	7	6	53	64	1722
68	APRIL	16	1958	3	14	46		3.3	10	12	1	26	62	2781
69	MAY	8	1953	7	6	4		.7	10	3	1	23	61	3178
70	APRIL	8	1974	16	1	1		1.0	46	1	0	2	60	4423
71	MARCH	31	1957	3	13	58		4.5	13	10	0	43	58	2346
72	OCTOBER	21	1967	16	1	2		2.0	9	2	23	45	57	274
73	MARCH	30	1957	1	4	3		.8	14	2	0	53	55	2343
74	APRIL	25	1968	17	10	21		2.1	45	6	0	1	53	2732
75	APRIL	26	1967	21	7	13		1.9	16	5	0	50	51	2987
76	MAY	11	1952	8	2	2		1.0	71	1	0	0	50	3094
77	JANUARY	7	1949	8	5	5		1.0	132	2	0	0	48	1145
78	APRIL	18	1961	19	12	26		2.2	29	13	0	6	46	3374
79	MAY	7	1953	0	11	22		2.0	88	7	0	0	45	3155
80	DECEMBER	24	1970	17	1	2		2.0	6	2	1	4	44	1342
81	OCTOBER	18	1953	14	35	102		2.9	152	18	0	0	42	239
82	NOVEMBER	3	1972	12	10	63		6.3	34	19	0	14	41	102
83	DECEMBER	25	1959	10	2	9		4.5	6	8	2	36	40	974
84	OCTOBER	6	1962	7	10	16		1.6	76	5	0	0	38	38
85	FEBRUARY	5	1965	12	2	8		4.0	135	6	0	0	37	2498
86	FEBRUARY	8	1962	7	22	56		2.5	8	8	10	35	35	1543
87	JANUARY	3	1962	8	21	51		2.4	100	10	0	0	33	1350
88	JANUARY	11	1955	14	1	3		3.0	67	3	0	0	32	1398
89	DECEMBER	29	1951	17	23	62		2.7	6	20	6	25	30	1656
90	NOVEMBER	23	1975	1	21	33		1.6	123	8	0	0	29	701
91	MAY	4	1954	10	5	9		1.8	23	3	0	28	28	3676
92	NOVEMBER	19	1955	7	42	248		5.9	29	21	0	10	26	818
93	MAY	14	1968	0	12	26		2.2	143	8	0	25	25	2761
94	FEBRUARY	14	1964	17	3	2		.7	23	1	0	7	24	2207
95	OCTOBER	27	1969	5	12	45		3.8	49	18	0	0	22	218
96	JANUARY	9	1963	0	3	2		.7	144	1	0	0	21	1550
97	MAY	19	1952	10	1	2		2.0	119	2	0	0	20	3116
98	NOVEMBER	21	1951	8	1	1		1.0	7	1	1	16	19	943
99	JANUARY	1	1957	17	10	54		5.4	38	10	0	17	17	1021
100	OCTOBER	14	1979	16	2	6		3.0	8	5	9	16	16	16

RETURN STATISTICS AT PORTLAND  
 SORTED BY MAG168

DATE EVENT ENDED	HOUR	DURATION (HOURS)	MAGNITUDE (IN X 100)	AVERAGE INTENSITY (IN/HR X 100)	HOURS SINCE LAST EVENT	MAXIMUM INTENSITY (IN/HR X 100)	MAGNITUDE LAST 12 HRS (IN X 100)	MAGNITUDE LAST 48 HRS (IN X 100)	MAGNITUDE LAST 168 HRS (IN X 100)	MAGNITUDE YEAR SO FAR (IN X 100)	
101	APRIL	15 1959	10	7	2	.3	13	1	0	14	2817
102	MARCH	25 1951	16	1	1	1.0	6	1	1	13	3825
103	FEBRUARY	7 1959	12	14	18	1.3	10	8	3	8	2059
104	MARCH	10 1967	21	2	3	1.5	17	2	0	10	2402
105	FEBRUARY	5 1956	3	11	11	1.0	148	2	0	0	3583
106	MAY	18 1962	21	6	4	.7	138	2	0	0	2737
107	JANUARY	30 1955	10	8	8	1.0	91	2	0	0	1558
108	JANUARY	10 1977	5	1	1	1.0	148	1	0	0	376
109	FEBRUARY	12 1974	7	1	1	1.0	6	1	4	4	3350
110	MAY	24 1973	19	35	94	2.7	23	29	0	1	2327
111	MARCH	17 1958	19	23	45	2.0	27	24	0	1	2494
112	FEBRUARY	3 1976	10	1	1	1.0	155	1	0	0	2068
113	OCTOBER	5 1965	7	18	43	2.4	3278	9	0	0	0
114	OCTOBER	8 1964	3	10	21	2.1	3305	5	0	0	0
115	OCTOBER	26 1949	15	6	8	1.3	267	2	0	0	187
116	MARCH	10 1976	14	3	6	2.0	252	3	0	0	2560
117	MARCH	1 1949	22	1	2	2.0	470	2	0	0	1585

RETURN STATISTICS AT SALEM  
SORTED BY MAG168

	DATE	HOUR	DURATION	MAGNITUDE	AVERAGE	HOURS SINCE	MAXIMUM	MAGNITUDE	MAGNITUDE	MAGNITUDE	MAGNITUDE
	EVENT ENDED		(HOURS)	(IN X 100)	INTENSITY	LAST EVENT	INTENSITY	LAST	LAST	LAST	YEAR
					(IN/HR X 100)		(IN/HR X 100)	12 HRS	48 HRS	168 HRS	SO FAR
								(IN X 100)	(IN X 100)	(IN X 100)	(IN X 100)
1	JANUARY	25 1972	7	14	1.4	13	4	0	47	533	2528
2	FEBRUARY	23 1968	7	35	2.3	6	15	6	91	475	2676
3	JANUARY	12 1969	23	11	5.2	21	9	0	70	428	2822
4	FEBRUARY	19 1954	0	7	2.6	8	8	1	65	400	3214
5	FEBRUARY	4 1968	17	1	1.0	11	1	0	83	380	2200
6	JANUARY	17 1969	7	25	2.0	13	18	0	57	356	2972
7	FEBRUARY	13 1979	14	1	1.0	10	3	9	66	329	1425
8	JANUARY	21 1971	12	8	2.1	21	1	0	38	325	2538
9	DECEMBER	5 1968	7	5	1.0	6	2	52	266	310	1538
10	JANUARY	28 1965	23	48	5.5	9	24	1	41	294	2702
11	FEBRUARY	12 1960	17	9	2.8	54	7	0	0	283	1603
12	JANUARY	29 1964	17	1	1.0	9	1	3	49	275	2497
13	NOVEMBER	28 1955	21	5	2.6	37	5	0	12	268	1378
14	MARCH	31 1959	12	1	1.0	8	1	2	93	258	3469
15	MARCH	2 1957	17	1	1.0	26	1	0	3	249	1800
16	DECEMBER	7 1953	7	19	3.2	8	14	55	150	241	1235
17	APRIL	9 1954	12	7	1.3	12	4	0	20	234	3910
18	JANUARY	13 1956	1	12	3.6	26	10	0	10	226	3317
19	JANUARY	28 1950	9	1	2.0	20	2	0	90	219	2494
20	JANUARY	4 1951	16	3	1.0	18	2	0	16	214	2816
21	JANUARY	9 1969	0	1	1.0	7	1	0	123	209	2578
22	FEBRUARY	11 1969	8	26	1.9	11	9	0	176	204	3451
23	DECEMBER	5 1971	19	9	4.2	6	8	12	100	199	1067
24	NOVEMBER	17 1954	8	21	5.3	6	24	12	77	192	620
25	DECEMBER	17 1974	1	9	1.0	32	4	0	14	187	1268
26	MARCH	28 1971	14	11	.6	15	2	0	31	181	3750
27	MAY	23 1968	14	2	1.0	17	1	0	26	177	3477
28	JANUARY	1 1975	5	4	1.5	51	2	0	0	173	1651
29	MARCH	12 1971	3	21	4.9	15	29	0	109	168	3348
30	JANUARY	9 1951	7	9	.7	14	2	0	10	164	2829
31	MARCH	1 1977	3	42	2.9	38	14	0	16	158	649
32	OCTOBER	12 1960	17	2	1.5	24	2	0	12	155	155
33	MARCH	13 1972	7	4	3.8	9	9	11	69	151	3346
34	NOVEMBER	17 1948	3	9	5.1	7	16	6	68	146	636
35	DECEMBER	25 1968	7	2	2.5	15	4	0	58	144	2115
36	DECEMBER	8 1963	21	1	1.0	8	1	10	60	141	1152
37	APRIL	15 1957	3	1	1.0	8	1	19	80	138	2787
38	MARCH	24 1972	5	5	.6	34	1	0	63	135	3496
39	JANUARY	13 1952	22	2	1.5	51	2	0	0	132	2357
40	JANUARY	7 1965	14	1	1.0	28	1	0	25	129	2306
41	DECEMBER	21 1951	19	11	3.6	55	9	0	0	124	1886
42	JANUARY	5 1975	10	17	3.0	12	9	0	92	121	1753
43	NOVEMBER	16 1954	5	51	1.9	8	22	5	13	117	524
44	JANUARY	15 1966	5	7	.3	7	1	17	42	114	2261
45	JANUARY	15 1964	12	9	2.2	25	7	0	50	110	1673
46	MARCH	8 1964	19	13	1.2	51	8	0	0	107	2724
47	MAY	3 1951	18	1	1.0	14	1	0	4	105	4645
48	APRIL	22 1978	12	33	2.5	33	9	0	15	101	3001
49	NOVEMBER	27 1971	5	51	2.7	6	16	10	97	98	652
50	APRIL	28 1953	14	1	4.0	23	4	0	58	96	3775

RETURN STATISTICS AT SALEM  
SORTED BY MAG168

DATE	AVERAGE	HOURS SINCE	MAXIMUM	MAGNITUDE	MAGNITUDE	MAGNITUDE	MAGNITUDE				
EVENT ENDED	INTENSITY	LAST EVENT	INTENSITY	LAST 12 HRS	LAST 48 HRS	LAST 168 HRS	LAST YEAR				
HOUR	(IN/HR X 100)	LAST EVENT	(IN/HR X 100)	(IN X 100)	(IN X 100)	(IN X 100)	SO FAR				
DURATION (HOURS)	(IN X 100)						(IN X 100)				
51 MARCH	9 1964	14	2	2	1.0	16	1	0	15	94	2739
52 APRIL	16 1950	19	2	5	2.5	26	3	0	18	92	3781
53 OCTOBER	14 1957	3	2	5	2.5	16	3	0	68	90	200
54 MARCH	27 1968	19	1	1	1.0	18	1	0	1	88	3097
55 DECEMBER	19 1966	12	2	2	1.0	101	1	0	0	86	1443
56 MARCH	17 1949	7	5	8	1.6	8	3	2	37	84	3296
57 FEBRUARY	27 1965	12	1	1	1.0	6	1	13	70	82	3124
58 DECEMBER	12 1967	8	3	7	2.3	25	5	0	4	80	1208
59 MARCH	23 1967	14	17	35	2.1	15	8	0	9	77	2708
60 MAY	19 1953	14	2	2	1.0	18	1	0	58	75	3935
61 OCTOBER	28 1960	7	25	24	1.0	17	3	0	45	72	230
62 MARCH	9 1962	0	13	19	1.5	38	5	0	1	70	2010
63 DECEMBER	21 1956	3	2	6	3.0	6	4	4	30	68	1023
64 OCTOBER	30 1957	5	8	13	1.6	88	5	0	0	66	285
65 DECEMBER	20 1966	8	14	17	1.2	7	6	2	2	63	1445
66 MARCH	4 1962	8	27	30	1.1	8	3	1	25	61	1965
67 MARCH	21 1951	13	2	2	1.0	14	1	0	3	60	4507
68 FEBRUARY	22 1962	14	7	13	1.9	112	3	0	0	58	1842
69 FEBRUARY	21 1963	3	1	1	1.0	36	1	0	17	57	2167
70 MAY	29 1961	17	3	5	1.7	56	3	0	0	55	4483
71 MARCH	15 1962	21	5	6	1.2	101	3	0	0	53	2067
72 APRIL	3 1954	10	32	82	2.6	23	18	0	1	50	3674
73 MARCH	23 1968	7	5	3	.6	129	2	0	0	49	3009
74 DECEMBER	7 1972	1	38	93	2.4	65	14	0	0	47	491
75 DECEMBER	25 1977	1	16	18	1.1	7	4	4	17	45	1659
76 MAY	26 1954	14	4	17	4.3	7	10	5	44	44	4006
77 JANUARY	4 1975	5	18	84	4.7	10	19	5	12	42	1669
78 DECEMBER	27 1951	13	29	76	2.6	108	13	0	0	40	1926
79 MAY	10 1977	3	6	25	4.2	108	7	0	0	39	1262
80 APRIL	15 1956	17	1	1	1.0	105	1	0	0	38	5130
81 NOVEMBER	4 1965	3	30	123	4.1	116	17	0	0	35	220
82 MAY	10 1977	12	2	9	4.5	7	5	21	25	34	1287
83 NOVEMBER	2 1978	17	1	1	1.0	97	1	0	0	33	37
84 APRIL	3 1975	14	7	19	2.7	8	7	2	29	31	3066
85 NOVEMBER	20 1951	16	1	1	1.0	12	1	0	12	30	1106
86 OCTOBER	14 1964	14	12	6	.5	117	2	0	0	28	28
87 JANUARY	16 1962	19	2	2	1.0	51	1	0	0	27	1505
88 FEBRUARY	18 1963	21	8	19	2.4	13	7	0	19	25	2131
89 NOVEMBER	30 1966	10	2	10	5.0	9	6	1	6	24	761
90 APRIL	6 1971	14	4	5	1.3	105	3	0	0	22	3794
91 FEBRUARY	11 1972	7	4	12	3.0	107	5	0	0	21	2573
92 JANUARY	2 1967	5	1	1	1.0	14	1	0	13	20	1533
93 APRIL	8 1976	1	9	18	2.0	9	5	2	6	18	3387
94 FEBRUARY	5 1965	14	3	8	2.7	51	4	0	0	17	2995
95 APRIL	9 1970	0	2	2	1.0	8	2	0	0	16	3692
96 DECEMBER	18 1951	13	22	104	4.7	35	11	0	11	14	1774
97 OCTOBER	25 1972	16	2	3	1.5	102	2	0	0	13	36
98 JANUARY	29 1961	17	18	75	4.2	118	15	0	0	11	1879
99 NOVEMBER	17 1956	7	18	67	3.7	27	23	0	3	10	685
100 DECEMBER	14 1962	3	9	42	4.7	13	8	0	9	9	1385

RETURN STATISTICS AT SALEM  
 SORTED BY MAG168

DATE EVENT ENDED	HOUR	DURATION (HOURS)	MAGNITUDE (IN X 100)	AVERAGE INTENSITY (IN/HR X 100)	HOURS SINCE LAST EVENT	MAXIMUM INTENSITY (IN/HR X 100)	MAGNITUDE LAST 12 HRS (IN X 100)	MAGNITUDE LAST 48 HRS (IN X 100)	MAGNITUDE LAST 168 HRS (IN X 100)	MAGNITUDE YEAR SO FAR (IN X 100)	
101 FEBRUARY	5 1972	21	13	15	1.2	7	5	1	3	8	2555
102 MARCH	7 1949	0	3	14	4.7	82	10	0	0	7	3190
103 APRIL	26 1966	12	2	2	1.0	142	1	0	0	6	3312
104 NOVEMBER	13 1956	12	1	2	2.0	14	2	0	3	5	680
105 DECEMBER	13 1962	5	16	9	.6	162	2	0	0	3	1376
106 OCTOBER	4 1948	9	22	29	1.3	12	5	0	2	2	2
107 NOVEMBER	1 1953	14	9	20	2.2	65	8	0	0	1	306
108 MAY	24 1973	17	34	87	2.6	329	9	0	0	0	2586
109 NOVEMBER	5 1962	1	13	27	2.1	509	6	0	0	0	455
110 FEBRUARY	14 1953	17	7	15	2.1	173	7	0	0	0	2851
111 FEBRUARY	11 1967	10	4	17	4.3	230	8	0	0	0	2280
112 DECEMBER	27 1962	21	2	2	1.0	210	1	0	0	0	1465

RETURN STATISTICS AT EUGENE  
SORTED BY MAG168

DATE EVENT ENDED	HOUR	DURATION (HOURS)	MAGNITUDE (IN X 100)	AVERAGE INTENSITY (IN/HR X 100)	HOURS SINCE LAST EVENT	MAXIMUM INTENSITY (IN/HR X 100)	MAGNITUDE LAST 12 HRS (IN X 100)	MAGNITUDE LAST 48 HRS (IN X 100)	MAGNITUDE LAST 168 HRS (IN X 100)	MAGNITUDE YEAR SO FAR (IN X 100)	
1 FEBRUARY	12 1961	3	4	11	2.8	10	5	14	369	718	3032
2 DECEMBER	24 1972	16	9	88	9.8	10	20	21	102	573	1375
3 DECEMBER	21 1961	10	24	141	5.9	15	35	0	138	498	1911
4 FEBRUARY	4 1963	14	5	23	4.6	19	9	0	150	454	2074
5 JANUARY	28 1950	14	7	3	.4	15	2	0	243	429	2560
6 OCTOBER	27 1956	5	1	2	2.0	6	2	16	193	408	575
7 DECEMBER	5 1968	14	7	5	.7	10	3	4	300	387	1632
8 FEBRUARY	23 1968	3	10	70	7.0	9	15	15	184	361	2642
9 DECEMBER	4 1975	16	21	299	14.2	21	50	0	6	344	1457
10 DECEMBER	5 1978	10	4	12	3.0	16	6	0	110	328	804
11 DECEMBER	12 1955	7	22	60	2.7	12	13	0	85	316	1709
12 JANUARY	31 1950	19	1	1	1.0	35	1	0	12	301	2581
13 DECEMBER	18 1974	14	2	2	1.0	35	1	0	32	287	1278
14 JANUARY	18 1954	14	19	85	4.5	10	16	4	131	277	2159
15 NOVEMBER	30 1962	12	3	21	7.0	76	14	0	0	265	1246
16 JANUARY	19 1953	17	64	251	3.9	7	20	16	90	252	1544
17 NOVEMBER	14 1958	7	41	138	3.4	65	39	0	0	242	576
18 DECEMBER	4 1977	14	4	3	.8	7	1	8	180	235	1399
19 FEBRUARY	11 1969	19	11	7	.6	6	2	4	46	228	4094
20 DECEMBER	14 1973	19	59	287	4.9	17	34	0	30	222	2531
21 FEBRUARY	17 1979	1	22	90	4.1	13	27	0	2	214	1838
22 DECEMBER	22 1968	14	7	42	6.0	80	13	0	0	207	2293
23 FEBRUARY	18 1979	12	21	73	3.5	15	12	0	90	198	1928
24 MARCH	4 1979	17	1	2	2.0	12	2	0	88	193	2314
25 FEBRUARY	9 1949	3	1	1	1.0	8	1	6	29	187	2047
26 FEBRUARY	21 1954	7	7	24	3.4	6	10	14	83	179	3271
27 FEBRUARY	8 1949	18	12	15	1.3	15	3	0	56	172	2032
28 FEBRUARY	1 1975	5	2	2	1.0	14	1	0	6	167	2420
29 APRIL	21 1955	7	52	78	1.5	60	8	0	0	161	2363
30 FEBRUARY	11 1950	2	22	27	1.2	33	5	0	12	155	2737
31 NOVEMBER	15 1954	17	18	48	2.7	7	13	29	86	151	470
32 MAY	14 1961	14	2	7	3.5	8	6	3	3	147	4593
33 NOVEMBER	3 1948	16	25	94	3.8	15	25	0	92	144	298
34 FEBRUARY	27 1961	14	17	23	1.4	21	5	0	37	141	3348
35 FEBRUARY	10 1971	5	1	8	8.0	7	8	32	34	138	3632
36 APRIL	6 1974	10	1	2	2.0	18	2	0	5	135	6921
37 FEBRUARY	16 1976	7	23	97	4.2	11	16	0	73	131	3241
38 APRIL	22 1958	19	22	41	1.9	13	17	0	25	128	4298
39 DECEMBER	15 1961	7	6	15	2.5	8	10	7	122	125	1535
40 NOVEMBER	30 1967	3	1	1	1.0	8	1	4	109	123	816
41 NOVEMBER	6 1956	10	3	3	1.0	123	1	0	0	120	851
42 NOVEMBER	6 1950	3	3	5	1.7	22	3	0	4	116	1321
43 JANUARY	15 1967	23	1	1	1.0	11	1	0	10	112	2169
44 OCTOBER	16 1953	16	2	4	2.0	54	3	0	0	109	170
45 FEBRUARY	16 1950	5	15	59	3.9	18	8	0	17	106	2834
46 OCTOBER	18 1956	17	1	3	3.0	6	3	16	98	104	164
47 NOVEMBER	23 1948	21	7	42	6.0	30	17	0	4	100	664
48 FEBRUARY	17 1952	19	2	2	1.0	15	1	0	29	97	2985
49 DECEMBER	16 1950	8	18	29	1.6	12	4	0	52	93	2541
50 JANUARY	8 1961	5	10	104	10.4	37	32	0	16	90	1778

RETURN STATISTICS AT EUGENE  
SORTED BY MAG168

DATE	AVERAGE	HOURS SINCE	MAXIMUM	MAGNITUDE	MAGNITUDE	MAGNITUDE	MAGNITUDE
EVENT ENDED	INTENSITY	LAST EVENT	INTENSITY	LAST 12 HRS	LAST 48 HRS	LAST 168 HRS	YEAR SO FAR
HOUR DURATION (HOURS)	(IN X 100)	(IN/HR X 100)	(IN/HR X 100)	(IN X 100)	(IN X 100)	(IN X 100)	(IN X 100)
51 MARCH 13 1958 3 8 1.0 87 2 0 0 86 3917							
52 NOVEMBER 9 1964 10 7 24 3.4 14 6 0 20 83 237							
53 MARCH 10 1950 22 1 1 1.0 8 1 5 38 81 3226							
54 MARCH 13 1978 12 11 7 .6 35 2 0 25 78 3995							
55 DECEMBER 24 1968 17 19 32 1.7 24 13 0 43 75 2336							
56 APRIL 2 1954 7 3 6 2.0 31 4 0 2 73 3586							
57 MAY 6 1951 16 6 12 2.0 12 2 0 16 70 4560							
58 MARCH 24 1964 7 2 2 1.0 8 1 10 13 68 3348							
59 MARCH 16 1973 14 8 10 1.3 63 3 0 0 65 2619							
60 DECEMBER 10 1958 3 6 20 3.3 14 8 0 32 63 1097							
61 MAY 14 1957 3 10 62 6.2 12 35 0 12 61 3516							
62 JANUARY 4 1977 10 1 1 1.0 46 1 0 6 60 350							
63 OCTOBER 6 1962 3 3 14 4.7 67 8 0 0 58 58							
64 MARCH 25 1958 5 5 6 1.2 15 4 0 38 56 3991							
65 OCTOBER 13 1972 10 4 6 1.5 63 5 0 0 54 54							
66 JANUARY 24 1957 19 1 4 4.0 14 4 0 16 52 1678							
67 FEBRUARY 22 1977 14 34 126 3.7 15 22 0 49 49 478							
68 MARCH 28 1979 1 7 41 5.9 8 8 12 47 47 2497							
69 FEBRUARY 4 1955 8 3 9 3.0 45 4 0 2 45 1562							
70 APRIL 17 1958 10 16 61 3.8 13 22 0 36 42 4206							
71 FEBRUARY 8 1966 0 5 12 2.0 24 5 0 0 40 2892							
72 MAY 12 1964 12 2 4 2.0 120 2 0 0 38 3554							
73 DECEMBER 26 1967 8 4 3 .8 81 2 0 0 36 1322							
74 MAY 4 1973 17 3 5 1.7 6 3 4 34 34 3133							
75 MAY 6 1966 12 2 2 1.0 15 1 0 31 32 3713							
76 MARCH 5 1969 21 15 57 3.8 40 13 0 2 30 4169							
77 NOVEMBER 28 1972 14 1 1 1.0 6 1 3 3 29 506							
78 MAY 2 1963 0 11 20 1.8 20 6 0 3 26 3592							
79 MAY 14 1959 14 15 73 4.9 130 16 0 0 24 3727							
80 MAY 16 1971 5 13 65 5.0 5 68 14 0 0 22 5280							
81 FEBRUARY 20 1969 7 7 14 2.0 101 3 0 0 20 4121							
82 DECEMBER 31 1962 7 9 10 1.1 6 3 4 18 18 1560							
83 JANUARY 1 1954 1 4 16 4.0 81 12 0 0 17 1673							
84 MARCH 2 1970 12 16 14 .9 15 8 0 15 15 3641							
85 MAY 23 1961 12 1 4 4.0 15 4 0 10 14 4614							
86 NOVEMBER 12 1955 0 15 12 .8 100 2 0 0 12 723							
87 MAY 1 1957 14 6 19 3.2 14 6 0 10 11 3373							
88 MAY 20 1961 12 2 4 2.0 141 2 0 0 10 4600							
89 APRIL 23 1974 8 10 25 2.5 80 14 0 0 8 7008							
90 APRIL 1 1964 14 3 17 5.7 16 14 0 7 7 3357							
91 MAY 28 1979 12 1 2 2.0 7 2 1 6 6 3268							
92 DECEMBER 16 1951 7 8 8 1.0 89 4 0 0 4 1637							
93 MARCH 15 1975 21 7 15 2.1 78 6 0 0 3 3187							
94 DECEMBER 20 1958 21 13 63 4.8 14 17 0 2 2 1145							
95 NOVEMBER 3 1959 10 8 12 1.5 132 5 0 0 1 223							
96 MARCH 27 1954 19 23 71 3.1 223 8 0 0 0 3513							
97 DECEMBER 3 1969 19 12 10 .8 232 6 0 0 0 696							
98 FEBRUARY 16 1955 8 8 4 .5 176 1 0 0 0 1624							
99 OCTOBER 1 1969 14 4 20 5.0 2986 6 0 0 0 0							
100 DECEMBER 2 1959 17 3 4 1.3 237 2 0 0 0 365							



RETURN STATISTICS AT EUGENE  
 SORTED BY MAG168

DATE EVENT ENDED	HOUR	DURATION (HOURS)	MAGNITUDE (IN X 100)	AVERAGE INTENSITY (IN/HR X 100)	HOURS SINCE LAST EVENT	MAXIMUM INTENSITY (IN/HR X 100)	MAGNITUDE LAST 12 HRS (IN X 100)	MAGNITUDE LAST 48 HRS (IN X 100)	MAGNITUDE LAST 168 HRS (IN X 100)	MAGNITUDE YEAR SO FAR (IN X 100)	
101 NOVEMBER	9	1952 21	1	3	3.0	221	3	0	0	0	62

RETURN STATISTICS AT PORTLAND  
SORTED BY YRMAG

DATE EVENT ENDED	HOUR	DURATION (HOURS)	MAGNITUDE (IN X 100)	AVERAGE INTENSITY (IN/HR X 100)	HOURS SINCE LAST EVENT	MAXIMUM INTENSITY (IN/HR X 100)	MAGNITUDE LAST 12 HRS (IN X 100)	MAGNITUDE LAST 48 HRS (IN X 100)	MAGNITUDE LAST 168 HRS (IN X 100)	MAGNITUDE YEAR SO FAR (IN X 100)
1 APRIL	8 1974	16	1	1.0	46	1	0	2	60	4423
2 MARCH	23 1956	1	4	1.5	9	3	1	37	57	4134
3 FEBRUARY	29 1956	23	1	1.0	21	1	0	18	60	3885
4 MARCH	2 1974	7	8	4.0	12	11	0	75	207	3795
5 FEBRUARY	28 1974	7	16	104	6	12	3	50	101	3668
6 FEBRUARY	13 1956	0	5	1.4	14	4	0	17	26	3615
7 APRIL	13 1950	17	6	2.2	17	6	0	81	169	3537
8 FEBRUARY	25 1951	21	8	1.1	20	4	0	6	24	3461
9 APRIL	28 1972	17	7	2.3	10	9	8	19	33	3420
10 JANUARY	21 1956	5	5	1.2	15	2	0	62	339	3367
11 FEBRUARY	4 1974	10	1	2.0	11	2	0	24	137	3343
12 APRIL	11 1972	3	9	.8	26	2	0	4	146	3298
13 MAY	31 1976	14	29	80	8	15	2	30	59	3236
14 MARCH	20 1950	16	5	2.6	26	5	0	27	154	3193
15 MARCH	18 1950	16	11	4.4	18	8	0	74	108	3146
16 JANUARY	23 1974	10	11	3.4	59	6	0	0	221	3113
17 MAY	2 1965	16	1	2.0	22	2	0	32	36	3082
18 MARCH	17 1950	11	40	105	39	8	0	2	44	3041
19 MAY	24 1958	17	3	3.7	36	7	0	5	5	3000
20 MAY	6 1963	16	39	178	12	13	0	1	49	2969
21 JANUARY	24 1951	17	3	2.0	13	4	0	105	309	2939
22 MAY	26 1960	8	28	31	15	8	0	8	128	2895
23 MARCH	2 1950	5	3	1.3	81	2	0	0	241	2864
24 APRIL	18 1963	19	29	37	20	10	0	21	104	2826
25 APRIL	26 1966	14	1	1.0	9	1	6	12	36	2800
26 MARCH	23 1952	5	7	.6	78	1	0	0	46	2764
27 MAY	22 1962	21	12	3.2	60	16	0	0	5	2742
28 MARCH	19 1953	7	4	.5	7	1	3	29	130	2719
29 MAY	3 1955	3	13	.7	27	2	0	2	70	2697
30 MARCH	18 1976	23	1	9.0	7	9	30	39	112	2678
31 MAY	1 1964	19	11	1.1	6	4	8	39	74	2649
32 MARCH	26 1959	14	32	93	40	11	0	1	72	2617
33 APRIL	30 1957	21	1	1.0	150	1	0	0	10	2593
34 APRIL	24 1960	16	6	.8	17	2	0	71	159	2568
35 FEBRUARY	25 1971	8	14	48	6	6	7	15	72	2544
36 MARCH	7 1978	19	21	51	58	17	0	0	17	2511
37 MARCH	31 1964	21	5	1.4	218	3	0	0	0	2480
38 MARCH	16 1968	3	2	3	7	2	23	78	112	2438
39 APRIL	5 1957	10	26	57	10	8	2	4	112	2415
40 FEBRUARY	13 1961	17	32	31	21	4	0	119	410	2387
41 FEBRUARY	19 1972	21	9	1.6	52	5	0	0	90	2346
42 MAY	9 1973	21	2	1.0	6	1	1	8	38	2323
43 FEBRUARY	17 1967	10	14	27	40	9	0	37	103	2296
44 MARCH	30 1963	10	72	268	14	17	0	19	82	2272
45 FEBRUARY	2 1952	16	4	15	9	5	2	113	240	2245
46 FEBRUARY	22 1966	21	6	20	65	9	0	2	23	2207
47 MARCH	26 1962	3	13	60	7	10	48	145	187	2182
48 MARCH	16 1963	10	14	40	24	7	0	10	18	2141
49 JANUARY	31 1978	19	19	61	60	13	0	0	32	2106
50 FEBRUARY	11 1976	8	1	1.0	190	1	0	0	0	2069

RETURN STATISTICS AT PORTLAND  
SORTED BY YRMAG

DATE	EVENT ENDED	HOUR	DURATION (HOURS)	MAGNITUDE (IN X 100)	AVERAGE INTENSITY (IN/HR X 100)	HOURS SINCE LAST EVENT	MAXIMUM INTENSITY (IN/HR X 100)	MAGNITUDE LAST 12 HRS (IN X 100)	MAGNITUDE LAST 48 HRS (IN X 100)	MAGNITUDE LAST 168 HRS (IN X 100)	MAGNITUDE YEAR SO FAR (IN X 100)	
51	MARCH	19 1973	7	11	59	5.4	40	10	0	4	27	2037
52	JANUARY	30 1952	9	16	76	4.8	9	10	2	2	64	2007
53	MARCH	13 1955	16	13	27	2.1	18	9	0	25	32	1977
54	MARCH	3 1955	12	1	1	1.0	8	1	2	13	155	1944
55	JANUARY	8 1965	8	9	14	1.6	14	4	0	10	149	1903
56	APRIL	9 1979	17	12	19	1.6	17	7	0	12	20	1866
57	JANUARY	20 1950	18	51	292	5.7	14	12	0	3	142	1823
58	FEBRUARY	27 1955	3	25	57	2.3	47	7	0	0	10	1789
59	FEBRUARY	19 1960	7	3	2	.7	83	1	0	0	80	1773
60	JANUARY	11 1971	10	15	29	1.9	6	8	20	28	148	1754
61	MARCH	6 1979	23	2	9	4.5	34	7	0	34	150	1719
62	MARCH	18 1949	7	15	45	3.0	7	10	12	52	88	1677
63	DECEMBER	26 1951	23	15	15	1.0	105	6	1	1	30	1627
64	DECEMBER	26 1951	0	16	26	1.6	19	6	0	0	34	1601
65	JANUARY	11 1961	17	6	12	2.0	46	6	0	1	217	1580
66	DECEMBER	8 1955	19	18	69	3.8	27	10	0	39	133	1545
67	JANUARY	25 1968	10	1	1	1.0	106	1	9	9	21	1509
68	JANUARY	20 1964	3	99	320	3.2	7	20	20	43	94	1484
69	DECEMBER	25 1966	8	16	63	3.9	17	18	0	14	34	1445
70	DECEMBER	20 1966	1	21	20	1.0	97	4	0	0	79	1411
71	JANUARY	12 1973	3	33	116	3.5	130	12	0	0	4	1372
72	FEBRUARY	10 1949	7	20	244	12.2	15	20	0	22	105	1341
73	DECEMBER	24 1975	7	33	107	3.2	18	12	0	19	20	1311
74	FEBRUARY	15 1979	16	6	18	3.0	46	4	0	4	149	1283
75	DECEMBER	22 1971	3	41	177	4.3	148	10	0	0	44	1251
76	DECEMBER	9 1975	8	8	3	.4	35	1	0	59	312	1210
77	DECEMBER	17 1960	0	10	34	3.4	63	12	0	1	33	1175
78	DECEMBER	26 1963	19	14	28	2.0	28	6	0	19	122	1141
79	JANUARY	11 1957	3	31	64	2.1	43	6	0	1	29	1104
80	DECEMBER	7 1975	14	26	138	5.3	49	12	0	0	280	1072
81	DECEMBER	21 1967	17	16	45	2.8	29	8	0	24	53	1030
82	DECEMBER	3 1979	3	10	20	2.0	10	6	17	167	178	990
83	DECEMBER	10 1974	0	6	8	1.3	57	3	0	6	75	965
84	NOVEMBER	15 1968	21	10	7	.7	41	2	0	10	288	926
85	DECEMBER	2 1970	14	6	5	.8	16	3	0	79	137	892
86	DECEMBER	7 1965	21	1	2	2.0	12	2	0	30	91	858
87	NOVEMBER	13 1973	7	7	24	3.4	6	7	1	92	399	830
88	NOVEMBER	30 1966	1	8	43	5.4	57	17	0	0	20	797
89	NOVEMBER	24 1958	5	2	5	2.5	32	3	0	9	140	776
90	NOVEMBER	23 1979	10	3	7	2.3	8	3	4	108	156	745
91	NOVEMBER	12 1951	13	72	190	2.6	35	18	0	2	35	716
92	NOVEMBER	16 1975	3	2	8	4.0	12	7	0	62	111	675
93	NOVEMBER	18 1958	21	19	90	4.7	7	17	4	4	142	640
94	DECEMBER	14 1978	19	1	1	1.0	7	1	2	2	104	614
95	NOVEMBER	14 1967	1	4	18	4.5	53	11	0	0	108	580
96	NOVEMBER	2 1968	23	1	4	4.0	15	4	0	44	87	547
97	NOVEMBER	4 1979	19	26	66	2.5	11	11	0	19	93	504
98	FEBRUARY	11 1977	14	2	2	1.0	25	1	0	13	13	483
99	NOVEMBER	18 1977	19	2	2	1.0	15	1	0	15	126	449
100	NOVEMBER	13 1965	5	49	139	2.8	8	9	17	45	76	416

RETURN STATISTICS AT PORTLAND  
SORTED BY YRMAG

DATE	AVERAGE	HOURS SINCE	MAXIMUM	MAGNITUDE	MAGNITUDE	MAGNITUDE	MAGNITUDE				
EVENT ENDED	INTENSITY	LAST EVENT	INTENSITY	LAST	LAST	LAST	YEAR				
	(IN/HR X 100)		(IN/HR X 100)	12 HRS	48 HRS	168 HRS	SO FAR				
				(IN X 100)	(IN X 100)	(IN X 100)	(IN X 100)				
101 OCTOBER	24 1950	18	5	1.0	42	2	0	8	64	385	
102 OCTOBER	24 1956	21	7	1.0	24	2	0	56	219	356	
103 NOVEMBER	4 1963	12	22	53	2.4	36	9	0	16	94	330
104 OCTOBER	25 1957	12	2	7	3.5	6	6	21	32	84	307
105 DECEMBER	23 1976	14	2	3	1.5	7	2	13	26	30	286
106 DECEMBER	18 1976	7	1	1	1.0	15	1	0	3	3	259
107 OCTOBER	24 1970	14	28	44	1.6	9	16	20	100	204	229
108 NOVEMBER	5 1974	1	5	10	2.0	98	3	0	0	19	214
109 OCTOBER	27 1965	16	5	20	4.0	204	8	0	0	0	183
110 OCTOBER	6 1957	21	2	2	1.0	9	1	2	34	154	154
111 OCTOBER	17 1975	23	9	31	3.4	63	6	0	6	6	124
112 OCTOBER	12 1960	14	7	4	.6	16	2	0	18	99	99
113 OCTOBER	6 1950	3	30	119	4.0	6	21	3	74	76	76
114 OCTOBER	25 1974	7	2	2	1.0	109	1	0	0	28	48
115 OCTOBER	8 1966	3	1	1	1.0	23	1	0	19	30	30
116 OCTOBER	14 1979	16	2	6	3.0	8	5	9	16	16	16
117 OCTOBER	8 1964	3	10	21	2.1	3305	5	0	0	0	0

RETURN STATISTICS AT SALEM  
SORTED BY YRMAG

DATE EVENT ENDED	HOUR	DURATION (HOURS)	MAGNITUDE (IN X 100)	AVERAGE INTENSITY (IN/HR X 100)	HOURS SINCE LAST EVENT	MAXIMUM INTENSITY (IN/HR X 100)	MAGNITUDE LAST 12 HRS (IN X 100)	MAGNITUDE LAST 48 HRS (IN X 100)	MAGNITUDE LAST 168 HRS (IN X 100)	MAGNITUDE YEAR SO FAR (IN X 100)	
1 MAY	30 1956	23	7	46	6.6	97	15	0	0	11	5255
2 MARCH	15 1974	3	33	98	3.0	12	11	0	133	179	4814
3 MARCH	30 1951	11	7	6	.9	7	3	1	19	25	4534
4 FEBRUARY	22 1974	12	8	3	.4	7	1	2	42	261	4368
5 APRIL	24 1971	12	2	2	1.0	25	1	0	4	26	4196
6 MAY	22 1970	10	2	3	1.5	235	2	0	0	0	4060
7 FEBRUARY	12 1956	17	1	1	1.0	14	1	0	29	29	3984
8 APRIL	9 1954	12	7	9	1.3	12	4	0	20	234	3910
9 MAY	9 1953	17	4	9	2.3	22	6	0	13	50	3851
10 APRIL	20 1970	19	4	7	1.8	28	4	0	11	29	3803
11 FEBRUARY	6 1951	21	22	51	2.3	28	6	0	74	179	3774
12 MAY	15 1959	16	3	4	1.3	11	3	0	52	65	3736
13 APRIL	4 1970	21	5	6	1.2	78	2	0	0	3	3676
14 APRIL	8 1953	14	1	1	1.0	83	1	0	0	2	3642
15 FEBRUARY	1 1951	16	3	5	1.7	163	2	0	0	16	3595
16 APRIL	28 1976	12	4	8	2.0	65	6	0	0	57	3561
17 APRIL	1 1972	14	16	6	.4	100	1	0	0	15	3514
18 MARCH	3 1970	17	1	1	1.0	81	1	0	0	11	3481
19 MARCH	21 1953	1	14	59	4.2	7	10	21	39	225	3437
20 APRIL	7 1976	7	2	2	1.0	27	1	0	4	32	3385
21 MARCH	31 1958	14	7	7	1.0	14	2	0	28	61	3355
22 MARCH	17 1950	10	37	156	4.2	52	11	0	0	33	3303
23 FEBRUARY	7 1969	17	5	7	1.4	66	2	0	0	61	3268
24 MARCH	6 1950	2	1	1	1.0	6	1	3	52	80	3234
25 MARCH	4 1961	8	1	1	1.0	7	1	3	15	169	3203
26 MARCH	6 1972	3	7	36	5.1	18	13	0	18	207	3159
27 FEBRUARY	28 1965	1	5	24	4.8	7	10	1	71	83	3125
28 MARCH	2 1972	19	12	40	3.3	7	9	11	93	316	3096
29 MAY	19 1957	21	10	6	.6	16	4	0	77	100	3051
30 MARCH	8 1959	10	1	1	1.0	173	1	0	0	0	3029
31 FEBRUARY	8 1965	8	1	3	3.0	55	3	0	0	12	3004
32 MARCH	17 1968	1	14	24	1.7	7	14	14	40	152	2971
33 MAY	26 1955	19	14	21	1.5	19	9	0	3	3	2947
34 FEBRUARY	22 1971	16	14	28	2.0	7	7	10	10	84	2902
35 FEBRUARY	15 1953	12	9	30	3.3	11	15	0	15	15	2866
36 JANUARY	12 1969	23	11	57	5.2	21	9	0	70	428	2822
37 MAY	3 1960	14	7	15	2.1	17	7	0	3	8	2792
38 FEBRUARY	24 1972	21	24	102	4.3	7	15	5	63	96	2751
39 MARCH	13 1978	12	13	12	.9	36	6	0	7	33	2691
40 DECEMBER	27 1955	10	1	1	1.0	8	1	6	213	509	2655
41 MARCH	31 1957	17	1	2	2.0	14	2	0	69	136	2611
42 MAY	8 1973	0	1	1	1.0	17	1	0	0	6	2568
43 JANUARY	32 1972	0	1	2	2.0	8	2	1	3	11	2550
44 MARCH	11 1967	14	3	11	3.7	19	7	0	34	38	2519
45 MARCH	9 1967	3	1	1	1.0	155	1	0	0	11	2481
46 APRIL	1 1960	1	6	5	.8	13	2	0	73	200	2435
47 APRIL	13 1973	3	5	23	4.6	271	17	0	0	0	2399
48 JANUARY	14 1952	21	3	5	1.7	9	3	6	9	137	2366
49 DECEMBER	9 1950	1	2	5	2.5	33	3	0	1	235	2319
50 JANUARY	31 1978	8	11	10	.9	59	3	0	0	18	2285

RETURN STATISTICS AT SALEM  
SORTED BY YRMAG

DATE EVENT ENDED	HOUR	DURATION (HOURS)	MAGNITUDE (IN X 100)	AVERAGE INTENSITY (IN/HR X 100)	HOURS SINCE LAST EVENT	MAXIMUM INTENSITY (IN/HR X 100)	MAGNITUDE LAST 12 HRS (IN X 100)	MAGNITUDE LAST 48 HRS (IN X 100)	MAGNITUDE LAST 168 HRS (IN X 100)	MAGNITUDE YEAR SO FAR (IN X 100)	
51 FEBRUARY	9 1975	7	29	45	1.6	24	9	0	29	105	2252
52 FEBRUARY	26 1963	12	1	2	2.0	16	2	0	45	59	2213
53 APRIL	23 1979	12	6	39	6.5	18	21	0	3	57	2172
54 MARCH	9 1960	12	7	4	.6	10	1	4	132	392	2135
55 FEBRUARY	12 1963	21	1	1	1.0	152	1	0	0	15	2106
56 JANUARY	16 1959	10	15	53	3.5	69	9	0	0	344	2058
57 JANUARY	7 1971	5	4	2	.5	166	1	0	0	9	2017
58 APRIL	6 1979	5	7	17	2.4	80	8	0	0	11	1978
59 JANUARY	8 1949	3	1	1	1.0	19	1	0	2	5	1924
60 JANUARY	9 1975	16	8	18	2.3	13	3	0	59	220	1881
61 JANUARY	23 1967	12	5	13	2.6	24	6	0	12	131	1840
62 JANUARY	21 1968	12	5	2	.4	6	1	30	40	210	1789
63 DECEMBER	11 1955	23	43	128	3.0	18	36	0	99	245	1753
64 JANUARY	18 1973	19	6	22	3.7	28	5	0	37	292	1710
65 JANUARY	21 1955	21	4	7	1.8	8	3	4	10	104	1678
66 JANUARY	2 1963	10	10	34	3.4	7	8	26	26	171	1636
67 DECEMBER	28 1979	14	1	1	1.0	108	1	0	0	86	1601
68 JANUARY	6 1961	16	45	157	3.5	97	29	0	0	15	1545
69 JANUARY	17 1962	14	1	5	5.0	11	5	0	5	32	1510
70 DECEMBER	27 1962	21	2	2	1.0	210	1	0	0	0	1465
71 DECEMBER	28 1961	21	1	1	1.0	22	1	0	23	87	1421
72 NOVEMBER	28 1955	21	5	13	2.6	37	5	0	12	268	1378
73 DECEMBER	26 1967	3	3	5	1.7	77	2	0	0	85	1349
74 DECEMBER	13 1970	0	21	47	2.2	71	12	0	46	117	1296
75 DECEMBER	19 1967	14	1	1	1.0	28	1	0	30	49	1264
76 JANUARY	6 1953	17	1	3	3.0	90	3	0	0	130	1227
77 DECEMBER	10 1967	21	3	2	.7	75	1	0	0	232	1204
78 APRIL	29 1977	21	2	3	1.5	97	2	0	0	8	1153
79 JANUARY	2 1953	3	15	79	5.3	16	13	0	22	168	1119
80 DECEMBER	18 1958	0	7	17	2.4	99	9	0	16	32	1086
81 DECEMBER	21 1965	3	6	25	4.2	174	6	0	0	0	1035
82 DECEMBER	6 1958	14	1	1	1.0	6	1	4	15	73	1009
83 DECEMBER	4 1974	0	10	26	2.6	8	9	2	24	29	981
84 DECEMBER	25 1952	23	8	4	.5	84	2	0	0	94	951
85 DECEMBER	22 1952	2	11	37	3.4	8	22	1	43	57	914
86 NOVEMBER	16 1955	17	17	25	1.5	99	6	0	0	17	864
87 NOVEMBER	17 1962	23	9	10	1.1	9	4	2	25	203	830
88 NOVEMBER	20 1965	10	17	41	2.4	15	8	0	59	131	788
89 NOVEMBER	23 1969	12	2	9	4.5	55	5	0	0	79	756
90 NOVEMBER	14 1965	8	1	1	1.0	12	1	0	133	368	728
91 NOVEMBER	11 1956	10	2	2	1.0	133	1	0	0	7	675
92 NOVEMBER	25 1970	14	76	264	3.5	45	22	0	5	70	642
93 DECEMBER	15 1959	19	5	14	2.8	72	6	0	0	237	603
94 NOVEMBER	18 1960	12	33	134	4.1	9	30	2	42	267	561
95 DECEMBER	7 1972	1	38	93	2.4	65	14	0	0	47	491
96 NOVEMBER	9 1973	14	40	229	5.7	31	19	0	10	173	452
97 OCTOBER	14 1962	7	9	27	3.0	21	6	0	76	383	428
98 OCTOBER	24 1956	1	1	1	1.0	16	1	0	79	308	397
99 NOVEMBER	11 1961	5	2	3	1.5	11	2	0	21	21	371
100 NOVEMBER	28 1978	19	26	64	2.5	181	9	0	0	0	335

RETURN STATISTICS AT SALEM  
SORTED BY YRMAG

DATE EVENT ENDED	HOUR	DURATION (HOURS)	MAGNITUDE (IN X 100)	AVERAGE INTENSITY (IN/HR X 100)	HOURS SINCE LAST EVENT	MAXIMUM INTENSITY (IN/HR X 100)	MAGNITUDE LAST 12 HRS (IN X 100)	MAGNITUDE LAST 48 HRS (IN X 100)	MAGNITUDE LAST 168 HRS (IN X 100)	MAGNITUDE YEAR SO FAR (IN X 100)
101 OCTOBER	29 1953	12	1	1.0	224	1	0	0	0	305
102 NOVEMBER	13 1972	0	11	2.4	7	9	0	0	79	276
103 OCTOBER	26 1971	3	5	1.2	52	2	0	0	188	247
104 NOVEMBER	5 1966	23	1	4.0	6	4	6	19	35	225
105 OCTOBER	18 1956	10	2	6.0	12	9	0	109	154	189
106 OCTOBER	23 1973	3	4	10.0	40	27	0	43	79	160
107 OCTOBER	9 1969	19	38	2.8	7	22	66	79	123	123
108 OCTOBER	19 1958	17	22	3.4	9	18	46	68	68	85
109 OCTOBER	7 1948	0	7	.3	12	1	0	27	58	58
110 OCTOBER	15 1964	5	3	2.7	12	5	0	6	9	34
111 OCTOBER	10 1972	7	1	1.0	9	1	7	16	16	16
112 OCTOBER	5 1949	3	22	1.9	3006	6	0	0	0	0

RETURN STATISTICS AT EUGENE  
SORTED BY YRMAG

	DATE								MAGNITUDE	MAGNITUDE	MAGNITUDE	MAGNITUDE
	EVENT ENDED	HOUR	DURATION	MAGNITUDE	AVERAGE	HOURS SINCE	MAXIMUM		LAST	LAST	LAST	YEAR
			(HOURS)	(IN X 100)	INTENSITY	LAST EVENT	INTENSITY		12 HRS	48 HRS	168 HRS	SO FAR
					(IN/HR X 100)		(IN/HR X 100)		(IN X 100)	(IN X 100)	(IN X 100)	(IN X 100)
1	MARCH	13 1974	3	14	48	3.4	7	11	65	181	240	5997
2	APRIL	28 1972	0	4	5	1.3	84	2	0	0	36	5444
3	APRIL	20 1971	14	7	16	2.3	6	7	4	4	61	5208
4	MAY	21 1965	17	2	4	2.0	36	2	0	18	66	4881
5	APRIL	23 1965	21	2	6	3.0	67	4	0	0	194	4783
6	APRIL	28 1978	10	2	11	5.5	51	8	0	0	191	4681
7	MAY	14 1961	3	3	3	1.0	70	2	0	0	144	4590
8	APRIL	8 1976	17	4	14	3.5	13	12	0	14	14	4513
9	FEBRUARY	17 1956	14	2	5	2.5	9	3	19	19	54	4445
10	MARCH	26 1976	10	5	6	1.2	15	5	0	95	344	4392
11	MARCH	6 1951	18	3	14	4.7	7	12	14	123	221	4283
12	APRIL	4 1978	14	3	14	4.7	12	8	0	46	138	4195
13	MARCH	27 1961	5	29	98	3.4	8	16	2	8	146	4115
14	FEBRUARY	21 1951	10	3	5	1.7	23	2	0	24	92	4041
15	MARCH	16 1961	0	1	1	1.0	7	1	4	23	250	3954
16	MARCH	3 1978	16	1	2	2.0	9	2	2	2	8	3893
17	MAY	26 1959	17	2	4	2.0	198	3	0	0	0	3863
18	MARCH	14 1970	14	17	48	2.8	6	9	7	19	114	3818
19	FEBRUARY	27 1976	14	7	70	10.0	18	37	0	140	315	3768
20	MAY	1 1962	17	1	2	2.0	73	2	0	0	213	3709
21	APRIL	10 1966	12	20	19	1.0	10	4	8	16	16	3646
22	APRIL	30 1963	17	2	3	1.5	32	2	0	12	29	3589
23	APRIL	19 1963	10	1	3	3.0	6	3	3	17	257	3545
24	APRIL	28 1962	14	47	213	4.5	51	35	0	0	17	3496
25	MAY	11 1952	14	7	7	1.0	76	4	0	0	7	3468
26	MARCH	24 1967	12	7	5	.7	10	3	1	89	120	3437
27	JANUARY	28 1969	3	69	241	3.5	63	13	0	0	30	3389
28	MARCH	23 1967	19	23	89	3.9	113	20	0	0	50	3348
29	MARCH	16 1967	16	1	2	2.0	8	2	8	8	97	3306
30	MARCH	20 1952	6	6	17	2.8	13	5	0	27	61	3270
31	MAY	19 1968	0	2	4	2.0	145	3	0	0	16	3231
32	JANUARY	15 1978	3	15	22	1.5	10	7	2	56	143	3199
33	MARCH	4 1952	17	6	9	1.5	20	6	0	27	27	3169
34	APRIL	4 1968	23	11	24	2.2	50	6	0	0	26	3125
35	JANUARY	11 1978	21	10	45	4.5	54	9	0	0	370	3098
36	JANUARY	12 1969	23	14	120	8.6	24	15	0	197	493	3064
37	FEBRUARY	28 1966	1	7	20	2.9	109	4	0	0	6	3005
38	FEBRUARY	20 1975	17	3	4	1.3	16	2	0	151	216	2963
39	FEBRUARY	9 1966	19	19	20	1.1	14	4	0	16	56	2908
40	FEBRUARY	15 1964	10	7	13	1.9	7	4	11	11	40	2860
41	FEBRUARY	4 1964	16	1	1	1.0	84	1	0	0	87	2819
42	FEBRUARY	12 1950	8	5	9	1.8	12	2	0	28	142	2765
43	JANUARY	12 1966	17	8	8	1.0	44	3	0	18	269	2719
44	DECEMBER	31 1950	6	1	1	1.0	8	1	1	29	55	2658
45	DECEMBER	30 1977	0	15	57	3.8	6	17	12	16	137	2603
46	JANUARY	30 1950	8	20	18	.9	22	2	0	32	355	2563
47	MAY	13 1955	7	2	2	1.0	18	1	0	2	2	2526
48	FEBRUARY	21 1968	12	18	146	8.1	12	26	0	108	177	2458
49	MARCH	13 1960	16	2	17	8.5	9	12	3	33	284	2408
50	FEBRUARY	26 1973	21	14	43	3.1	9	11	3	93	93	2347



RETURN STATISTICS AT EUGENE  
SORTED BY YRMAG

	DATE								MAGNITUDE	MAGNITUDE	MAGNITUDE	MAGNITUDE
	EVENT	ENDED	HOUR	DURATION	MAGNITUDE	AVERAGE	HOURS SINCE	MAXIMUM	LAST	LAST	LAST	YEAR
				(HOURS)	(IN X 100)	(IN/HR X 100)	LAST EVENT	(IN/HR X 100)	12 HRS	48 HRS	168 HRS	SO FAR
									(IN X 100)	(IN X 100)	(IN X 100)	(IN X 100)
51	FEBRUARY	25 1963	21	8	46	5.8	93	14	0	0	21	2299
52	FEBRUARY	4 1953	0	2	5	2.5	11	3	0	165	198	2248
53	JANUARY	18 1962	5	14	34	2.4	7	7	4	4	22	2199
54	JANUARY	29 1973	17	8	12	1.5	89	3	0	0	62	2143
55	JANUARY	4 1952	0	8	46	5.8	97	25	0	0	153	2093
56	FEBRUARY	10 1949	21	35	139	4.0	6	16	1	17	188	2048
57	FEBRUARY	23 1957	10	1	1	1.0	7	1	3	109	126	1981
58	DECEMBER	16 1975	3	8	10	1.3	10	3	1	6	61	1913
59	NOVEMBER	24 1973	7	26	68	2.6	11	14	0	28	279	1874
60	DECEMBER	13 1966	10	7	38	5.4	8	20	1	40	340	1837
61	MAY	31 1977	3	1	2	2.0	15	2	0	6	63	1773
62	MAY	21 1977	5	8	4	.5	90	2	0	0	35	1699
63	DECEMBER	26 1960	0	4	14	3.5	27	7	0	8	24	1655
64	JANUARY	29 1963	0	11	30	2.7	343	8	0	0	0	1620
65	DECEMBER	23 1964	8	127	1015	8.0	60	37	0	0	70	1572
66	JANUARY	30 1955	7	3	7	2.3	116	5	0	0	6	1517
67	DECEMBER	13 1962	3	2	3	1.5	8	2	5	5	5	1455
68	JANUARY	6 1964	17	29	210	7.2	40	21	0	8	64	1396
69	JANUARY	16 1955	14	39	122	3.1	34	15	0	14	58	1343
70	JANUARY	6 1950	0	5	16	3.0	32	7	0	0	41	1307
71	DECEMBER	12 1956	10	7	25	3.6	20	12	0	124	219	1267
72	DECEMBER	29 1949	19	14	41	2.9	70	13	0	0	78	1225
73	DECEMBER	21 1963	7	21	73	3.5	8	12	12	45	50	1173
74	DECEMBER	11 1958	17	15	26	1.7	22	8	0	31	79	1117
75	DECEMBER	12 1969	12	1	10	10.0	8	10	1	261	358	1064
76	NOVEMBER	17 1975	5	6	20	3.3	8	6	11	113	239	1020
77	DECEMBER	22 1978	17	1	4	4.0	46	4	0	1	6	968
78	MARCH	3 1977	0	13	15	1.2	24	4	0	72	311	921
79	NOVEMBER	15 1975	10	16	84	5.3	12	34	0	26	194	869
80	DECEMBER	21 1952	5	3	14	4.7	17	7	0	9	26	815
81	NOVEMBER	14 1965	19	1	1	1.0	23	1	0	79	365	758
82	FEBRUARY	25 1977	23	8	39	4.9	9	14	2	92	282	711
83	NOVEMBER	25 1960	5	55	684	12.4	37	67	0	12	197	683
84	OCTOBER	32 1962	0	3	6	2.0	19	5	0	0	0	627
85	NOVEMBER	3 1951	21	1	1	1.0	12	1	0	8	8	580
86	NOVEMBER	19 1953	21	3	3	1.0	6	1	37	39	154	549
87	OCTOBER	30 1968	12	33	101	3.1	164	19	0	0	2	498
88	NOVEMBER	4 1970	10	6	23	3.8	228	10	0	0	0	430
89	NOVEMBER	11 1953	17	2	2	1.0	26	1	0	12	80	393
90	OCTOBER	25 1970	16	11	73	6.6	10	28	5	129	306	357
91	OCTOBER	19 1951	10	1	3	3.0	19	3	0	29	74	328
92	OCTOBER	14 1950	16	6	22	3.7	144	7	0	0	39	287
93	OCTOBER	27 1961	19	28	184	6.6	7	27	4	16	81	247
94	NOVEMBER	13 1976	21	6	24	4.0	280	6	0	0	0	216
95	OCTOBER	21 1954	17	15	75	5.0	36	14	0	44	64	174
96	OCTOBER	11 1959	16	1	5	5.0	7	5	10	28	156	156
97	OCTOBER	7 1975	21	2	2	1.0	14	1	0	59	121	121
98	OCTOBER	23 1977	5	3	27	9.0	380	11	0	0	0	69
99	OCTOBER	5 1949	11	3	12	4.0	7	6	19	37	37	37
100	OCTOBER	11 1973	21	2	2	1.0	125	1	0	0	12	12

221

RETURN STATISTICS AT EUGENE  
 SORTED BY YRMAG

DATE EVENT ENDED	HOUR	DURATION (HOURS)	MAGNITUDE (IN X 100)	AVERAGE INTENSITY (IN/HR X 100)	HOURS SINCE LAST EVENT	MAXIMUM INTENSITY (IN/HR X 100)	MAGNITUDE LAST 12 HRS (IN X 100)	MAGNITUDE LAST 48 HRS (IN X 100)	MAGNITUDE LAST 168 HRS (IN X 100)	MAGNITUDE YEAR SO FAR (IN X 100)
101 OCTOBER	8 1958 12	10	18	1.8	3098	6	0	0	0	0

## APPENDIX D

### Joint Distributions

The tables in this appendix contain the joint distributions of several pairs of precipitation event characteristics at three sites (Portland, Salem, and Eugene, Oregon). These pairs include magnitude with antecedent rainfall (magnitude for previous 12, 48, and 168 hours, and for the year prior to the event), average intensity with antecedent rainfall, and maximum intensity with antecedent rainfall, as well as some other combinations that are of interest. The tables are divided into ten categories for each of the two characteristics (ten rows and ten columns) resulting in 100 joint categories or "cells" in each table. Each cell contains two quantities, the number of events in the cell and the overall relative frequency of the events in the cell. The column and row totals also summarize the marginal distributions for the two characteristics in the form of the row/column absolute and relative frequencies. The tables of joint frequencies are organized by characteristic, with separate tables for each site. An index listing the location of each table is given in the table of contents for the appendices (p. 79).

JOINT FREQUENCIES AND OVERALL RELATIVE FREQUENCIES FOR PORTLAND

LOWER BOUNDS FOR INTERVALS OF MAGNITUDE LAST 12 HOURS (INCHES X 100)	LOWER BOUNDS FOR INTERVALS OF MAGNITUDE (INCHES X 100)										ROW TOTALS
	0	25	50	75	100	125	150	175	200	225 AND ABOVE	
0	2003 .5495	533 .1462	194 .0532	110 .0302	73 .0200	40 .0110	35 .0096	16 .0044	7 .0019	25 .0069	3036 .8329
5	166 .0455	42 .0115	11 .0030	3 .0008	3 .0008	2 .0005	2 .0005	2 .0005	1 .0003	1 .0003	233 .0639
10	90 .0247	25 .0069	8 .0022	3 .0008	2 .0005	2 .0005	1 .0003	2 .0005	0 0.0000	2 .0005	135 .0370
15	67 .0184	7 .0019	3 .0008	1 .0003	3 .0008	3 .0008	0 0.0000	1 .0003	0 0.0000	0 0.0000	85 .0233
20	46 .0126	8 .0022	4 .0011	2 .0005	0 0.0000	0 0.0000	0 0.0000	0 0.0000	0 0.0000	1 .0003	61 .0167
25	23 .0063	10 .0027	4 .0011	0 0.0000	1 .0003	0 0.0000	0 0.0000	0 0.0000	0 0.0000	1 .0003	39 .0107
30	16 .0044	5 .0014	0 0.0000	3 .0008	0 0.0000	2 .0005	0 0.0000	0 0.0000	0 0.0000	0 0.0000	26 .0071
35	4 .0011	2 .0005	2 .0005	1 .0003	1 .0003	1 .0003	0 0.0000	0 0.0000	0 0.0000	0 0.0000	11 .0030
40	8 .0022	0 0.0000	0 0.0000	0 0.0000	1 .0003	0 0.0000	0 0.0000	0 0.0000	0 0.0000	1 .0003	10 .0027
45 AND ABOVE	7 .0019	1 .0003	1 .0003	0 0.0000	0 0.0000	0 0.0000	0 0.0000	0 0.0000	0 0.0000	0 0.0000	9 .0025
COLUMN TOTALS	2430 .6667	633 .1737	227 .0623	123 .0337	84 .0230	50 .0137	38 .0104	21 .0058	8 .0022	31 .0085	

JOINT FREQUENCIES AND OVERALL RELATIVE FREQUENCIES FOR SALEM

LOWER BOUNDS FOR INTERVALS OF MAGNITUDE LAST 12 HOURS (INCHES X 100)	LOWER BOUNDS FOR INTERVALS OF MAGNITUDE (INCHES X 100)										ROW TOTALS
	0	25	50	75	100	125	150	175	200	225 AND ABOVE	
0	1920 .5486	450 .1286	199 .0569	126 .0360	63 .0180	43 .0123	32 .0091	20 .0057	22 .0063	49 .0140	2924 .8354
5	150 .0429	34 .0097	16 .0046	10 .0029	6 .0017	3 .0009	2 .0006	3 .0009	0 0.0000	3 .0009	227 .0649
10	86 .0246	25 .0071	7 .0020	6 .0017	2 .0006	1 .0003	1 .0003	0 0.0000	2 .0006	4 .0011	134 .0383
15	45 .0129	9 .0026	9 .0026	3 .0009	1 .0003	3 .0009	0 0.0000	0 0.0000	0 0.0000	1 .0003	71 .0203
20	34 .0097	6 .0017	5 .0014	0 0.0000	1 .0003	0 0.0000	1 .0003	2 .0006	0 0.0000	1 .0003	50 .0143
25	23 .0066	6 .0017	4 .0011	2 .0006	2 .0006	0 0.0000	1 .0003	1 .0003	0 0.0000	2 .0006	41 .0117
30	7 .0020	3 .0009	0 0.0000	0 0.0000	1 .0003	1 .0003	1 .0003	1 .0003	0 0.0000	1 .0003	15 .0043
35	7 .0020	0 0.0000	1 .0003	0 0.0000	0 0.0000	0 0.0000	0 0.0000	0 0.0000	1 .0003	1 .0003	10 .0029
40	7 .0020	0 0.0000	0 0.0000	0 0.0000	0 0.0000	0 0.0000	0 0.0000	0 0.0000	0 0.0000	0 0.0000	7 .0020
45 AND ABOVE	14 .0040	1 .0003	3 .0009	1 .0003	1 .0003	0 0.0000	0 0.0000	0 0.0000	0 0.0000	1 .0003	21 .0060
COLUMN TOTALS	2293 .6551	534 .1526	244 .0697	148 .0423	77 .0220	51 .0146	38 .0109	27 .0077	25 .0071	63 .0180	

JOINT FREQUENCIES AND OVERALL RELATIVE FREQUENCIES FOR EUGENE

LOWER BOUNDS FOR INTERVALS OF MAGNITUDE LAST 12 HOURS (INCHES X 100)	LOWER BOUNDS FOR INTERVALS OF MAGNITUDE (INCHES X 100)										ROW TOTALS
	0	25	50	75	100	125	150	175	200	225 AND ABOVE	
0	1643 .5209	415 .1316	197 .0625	110 .0349	91 .0289	44 .0140	28 .0089	34 .0108	16 .0051	86 .0273	2664 .8446
5	114 .0361	23 .0073	11 .0035	12 .0038	1 .0003	7 .0022	2 .0006	0 0.0000	0 0.0000	5 .0016	175 .0555
10	71 .0225	17 .0054	15 .0048	2 .0006	3 .0010	3 .0010	0 0.0000	1 .0003	0 0.0000	1 .0003	113 .0358
15	40 .0127	12 .0038	8 .0025	0 0.0000	1 .0003	0 0.0000	2 .0006	1 .0003	2 .0006	3 .0010	69 .0219
20	17 .0054	9 .0029	5 .0016	3 .0010	1 .0003	1 .0003	0 0.0000	3 .0010	0 0.0000	0 0.0000	39 .0124
25	8 .0025	5 .0016	1 .0003	1 .0003	0 0.0000	2 .0006	3 .0010	0 0.0000	0 0.0000	0 0.0000	20 .0063
30	10 .0032	3 .0010	2 .0006	0 0.0000	2 .0006	0 0.0000	0 0.0000	0 0.0000	0 0.0000	3 .0010	20 .0063
35	6 .0019	2 .0006	1 .0003	1 .0003	2 .0006	0 0.0000	0 0.0000	1 .0003	0 0.0000	0 0.0000	13 .0041
40	5 .0016	3 .0010	0 0.0000	1 .0003	0 0.0000	0 0.0000	0 0.0000	1 .0003	0 0.0000	1 .0003	11 .0035
45 AND ABOVE	13 .0041	4 .0013	5 .0016	1 .0003	1 .0003	1 .0003	0 0.0000	0 0.0000	0 0.0000	5 .0016	30 .0095
COLUMN TOTALS	1927 .6110	493 .1563	245 .0777	131 .0415	102 .0323	58 .0184	35 .0111	41 .0130	18 .0057	104 .0330	

JOINT FREQUENCIES AND OVERALL RELATIVE FREQUENCIES FOR PORTLAND

LOWER BOUNDS FOR INTERVALS OF MAGNITUDE LAST 48 HOURS (INCHES X 100)	LOWER BOUNDS FOR INTERVALS OF MAGNITUDE (INCHES X 100)										ROW TOTALS
	0	25	50	75	100	125	150	175	200	225 AND ABOVE	
0	1334 .3666	352 .0966	122 .0335	59 .0162	42 .0115	23 .0063	19 .0052	11 .0030	2 .0005	14 .0038	1978 .5427
20	474 .1300	101 .0277	35 .0096	23 .0063	16 .0044	10 .0027	4 .0011	4 .0011	2 .0005	4 .0011	673 .1846
40	267 .0733	70 .0192	26 .0071	11 .0030	11 .0030	5 .0014	7 .0019	2 .0005	1 .0003	6 .0016	406 .1114
60	126 .0346	43 .0118	14 .0038	12 .0033	4 .0011	5 .0014	5 .0014	1 .0003	1 .0003	4 .0011	215 .0590
80	77 .0211	23 .0063	9 .0025	4 .0011	5 .0014	5 .0014	0 0.0000	1 .0003	1 .0003	2 .0005	127 .0348
100	69 .0189	17 .0047	11 .0030	5 .0014	2 .0005	1 .0003	2 .0005	0 0.0000	1 .0003	1 .0003	109 .0299
120	31 .0085	11 .0030	1 .0003	5 .0014	3 .0008	0 0.0000	1 .0003	1 .0003	0 0.0000	0 0.0000	53 .0145
140	16 .0044	6 .0016	3 .0008	1 .0003	1 .0003	0 0.0000	0 0.0000	1 .0003	0 0.0000	0 0.0000	28 .0077
160	17 .0047	4 .0011	1 .0003	1 .0003	0 0.0000	1 .0003	0 0.0000	0 0.0000	0 0.0000	0 0.0000	24 .0066
180 AND ABOVE	19 .0052	6 .0016	5 .0014	2 .0005	0 0.0000	0 0.0000	0 0.0000	0 0.0000	0 0.0000	0 0.0000	32 .0088
COLUMN TOTALS	2430 .6667	633 .1737	227 .0623	123 .0337	84 .0230	50 .0137	38 .0104	21 .0058	8 .0022	31 .0085	

JOINT FREQUENCIES AND OVERALL RELATIVE FREQUENCIES FOR SALEM

LOWER BOUNDS FOR INTERVALS OF MAGNITUDE LAST 48 HOURS (INCHES X 100)	LOWER BOUNDS FOR INTERVALS OF MAGNITUDE (INCHES X 100)										ROW TOTALS
	0	25	50	75	100	125	150	175	200	225 AND ABOVE	
0	1360 .3886	282 .0806	123 .0351	65 .0186	43 .0123	23 .0066	23 .0066	9 .0026	15 .0043	26 .0074	1969 .5626
20	375 .1071	82 .0234	29 .0083	23 .0066	13 .0037	7 .0020	5 .0014	6 .0017	5 .0014	8 .0023	553 .1580
40	192 .0549	62 .0177	31 .0089	19 .0054	7 .0020	6 .0017	6 .0017	2 .0006	2 .0006	7 .0020	334 .0954
60	143 .0409	39 .0111	23 .0066	10 .0029	4 .0011	2 .0006	1 .0003	0 0.0000	2 .0006	8 .0023	232 .0663
80	75 .0214	24 .0069	11 .0031	8 .0023	3 .0009	5 .0014	0 0.0000	1 .0003	1 .0003	5 .0014	133 .0380
100	38 .0109	22 .0063	7 .0020	6 .0017	2 .0006	2 .0006	1 .0003	3 .0009	0 0.0000	3 .0009	84 .0240
120	32 .0091	13 .0037	3 .0009	5 .0014	2 .0006	2 .0006	2 .0006	1 .0003	0 0.0000	0 0.0000	60 .0171
140	25 .0071	3 .0009	8 .0023	1 .0003	2 .0006	2 .0006	0 0.0000	2 .0006	0 0.0000	3 .0009	46 .0131
160	18 .0051	1 .0003	4 .0011	2 .0006	0 0.0000	2 .0006	0 0.0000	1 .0003	0 0.0000	2 .0006	30 .0086
180 AND ABOVE	35 .0100	6 .0017	5 .0014	9 .0026	1 .0003	0 0.0000	0 0.0000	2 .0006	0 0.0000	1 .0003	59 .0169
COLUMN TOTALS	2293 .6551	534 .1526	244 .0697	148 .0423	77 .0220	51 .0146	38 .0109	27 .0077	25 .0071	63 .0180	



JOINT FREQUENCIES AND OVERALL RELATIVE FREQUENCIES FOR EUGENE

LOWER BOUNDS FOR INTERVALS OF MAGNITUDE LAST 48 HOURS (INCHES X 100)	LOWER BOUNDS FOR INTERVALS OF MAGNITUDE (INCHES X 100)										ROW TOTALS
	0	25	50	75	100	125	150	175	200	225 AND ABOVE	
0	1151 .3649	290 .0919	128 .0406	68 .0216	61 .0193	25 .0079	15 .0048	16 .0051	6 .0019	47 .0149	1807 .5729
20	257 .0815	66 .0209	34 .0108	20 .0063	7 .0022	9 .0029	7 .0022	3 .0010	4 .0013	16 .0051	423 .1341
40	172 .0545	45 .0143	32 .0101	12 .0038	5 .0016	3 .0010	2 .0006	4 .0013	1 .0003	9 .0029	285 .0904
60	106 .0336	27 .0086	13 .0041	3 .0010	9 .0029	2 .0006	6 .0019	6 .0019	0 0.0000	7 .0022	179 .0568
80	69 .0219	17 .0054	11 .0035	8 .0025	6 .0019	3 .0010	1 .0003	5 .0016	2 .0006	5 .0016	127 .0403
100	48 .0152	14 .0044	7 .0022	7 .0022	3 .0010	3 .0010	0 0.0000	1 .0003	1 .0003	6 .0019	90 .0285
120	41 .0130	12 .0038	6 .0019	5 .0016	4 .0013	5 .0016	0 0.0000	0 0.0000	1 .0003	2 .0006	76 .0241
140	26 .0082	5 .0016	7 .0022	1 .0003	0 0.0000	1 .0003	1 .0003	2 .0006	0 0.0000	2 .0006	45 .0143
160	17 .0054	2 .0006	1 .0003	0 0.0000	4 .0013	3 .0010	0 0.0000	0 0.0000	1 .0003	2 .0006	30 .0095
180 AND ABOVE	40 .0127	15 .0048	6 .0019	7 .0022	3 .0010	4 .0013	3 .0010	4 .0013	2 .0006	8 .0025	92 .0292
COLUMN TOTALS	1927 .6110	493 .1563	245 .0777	131 .0415	102 .0323	58 .0184	35 .0111	41 .0130	18 .0057	104 .0330	

JOINT FREQUENCIES AND OVERALL RELATIVE FREQUENCIES FOR PORTLAND

LOWER BOUNDS FOR INTERVALS OF MAGNITUDE LAST 168 HOURS (INCHES X 100)	LOWER BOUNDS FOR INTERVALS OF MAGNITUDE (INCHES X 100)										ROW TOTALS
	0	25	50	75	100	125	150	175	200	225 AND ABOVE	
0	902 .2475	216 .0593	70 .0192	30 .0082	22 .0060	16 .0044	13 .0036	8 .0022	0 0.0000	9 .0025	1286 .3528
50	555 .1523	132 .0362	52 .0143	25 .0069	22 .0060	12 .0033	4 .0011	3 .0008	3 .0008	6 .0016	814 .2233
100	408 .1119	101 .0277	44 .0121	26 .0071	11 .0030	7 .0019	11 .0030	2 .0005	2 .0005	6 .0016	618 .1695
150	239 .0656	72 .0198	23 .0063	13 .0036	13 .0036	4 .0011	3 .0008	2 .0005	1 .0003	4 .0011	374 .1026
200	123 .0337	52 .0143	11 .0030	16 .0044	6 .0016	3 .0008	3 .0008	3 .0008	1 .0003	0 0.0000	218 .0598
250	91 .0250	25 .0069	11 .0030	6 .0016	2 .0005	7 .0019	1 .0003	3 .0008	1 .0003	1 .0003	148 .0406
300	50 .0137	21 .0058	4 .0011	3 .0008	5 .0014	0 0.0000	1 .0003	0 0.0000	0 0.0000	2 .0005	86 .0236
350	38 .0104	10 .0027	5 .0014	1 .0003	0 0.0000	1 .0003	0 0.0000	0 0.0000	0 0.0000	1 .0003	56 .0154
400	9 .0025	3 .0008	4 .0011	0 0.0000	2 .0005	0 0.0000	1 .0003	0 0.0000	0 0.0000	1 .0003	20 .0055
450 AND ABOVE	15 .0041	1 .0003	3 .0008	3 .0008	1 .0003	0 0.0000	1 .0003	0 0.0000	0 0.0000	1 .0003	25 .0069
COLUMN TOTALS	2430 .6667	633 .1737	227 .0623	123 .0337	84 .0230	50 .0137	38 .0104	21 .0058	8 .0022	31 .0085	

JOINT FREQUENCIES AND OVERALL RELATIVE FREQUENCIES FOR SALEM

LOWER BOUNDS FOR INTERVALS OF MAGNITUDE LAST 168 HOURS (INCHES X 100)	LOWER BOUNDS FOR INTERVALS OF MAGNITUDE (INCHES X 100)										ROW TOTALS
	0	25	50	75	100	125	150	175	200	225 AND ABOVE	
0	889 .2540	168 .0480	76 .0217	30 .0086	23 .0066	20 .0057	13 .0037	10 .0029	8 .0023	14 .0040	1251 .3574
50	512 .1463	122 .0349	32 .0091	25 .0071	15 .0043	7 .0020	9 .0026	3 .0009	2 .0006	14 .0040	741 .2117
100	302 .0863	69 .0197	35 .0100	27 .0077	14 .0040	7 .0020	7 .0020	1 .0003	3 .0009	9 .0026	474 .1354
150	173 .0494	61 .0174	34 .0097	21 .0060	12 .0034	5 .0014	2 .0006	3 .0009	4 .0011	10 .0029	325 .0929
200	152 .0434	44 .0126	20 .0057	12 .0034	5 .0014	7 .0020	0 0.0000	6 .0017	1 .0003	3 .0009	250 .0714
250	95 .0271	25 .0071	17 .0049	10 .0029	4 .0011	4 .0011	0 0.0000	1 .0003	2 .0006	5 .0014	163 .0466
300	53 .0151	16 .0046	11 .0031	10 .0029	0 0.0000	0 0.0000	3 .0009	1 .0003	1 .0003	4 .0011	99 .0283
350	43 .0123	15 .0043	7 .0020	5 .0014	1 .0003	0 0.0000	1 .0003	0 0.0000	0 0.0000	0 0.0000	72 .0206
400	32 .0091	6 .0017	2 .0006	4 .0011	2 .0006	0 0.0000	1 .0003	2 .0006	1 .0003	2 .0006	52 .0149
450 AND ABOVE	42 .0120	8 .0023	10 .0029	4 .0011	1 .0003	1 .0003	2 .0006	0 0.0000	3 .0009	2 .0006	73 .0209
COLUMN TOTALS	2293 .6551	534 .1526	244 .0697	148 .0423	77 .0220	51 .0146	38 .0109	27 .0077	25 .0071	63 .0180	

JOINT FREQUENCIES AND OVERALL RELATIVE FREQUENCIES FOR EUGENE

LOWER BOUNDS FOR INTERVALS OF MAGNITUDE LAST 168 HOURS (INCHES X 100)	LOWER BOUNDS FOR INTERVALS OF MAGNITUDE (INCHES X 100)										ROW TOTALS
	0	25	50	75	100	125	150	175	200	225 AND ABOVE	
0	719 .2280	161 .0510	76 .0241	37 .0117	28 .0089	10 .0032	11 .0035	8 .0025	4 .0013	24 .0076	1078 .3418
50	384 .1218	95 .0301	54 .0171	20 .0063	14 .0044	10 .0032	11 .0035	7 .0022	3 .0010	19 .0060	617 .1956
100	306 .0970	82 .0260	40 .0127	24 .0076	14 .0044	6 .0019	3 .0010	4 .0013	2 .0006	11 .0035	492 .1560
150	142 .0450	46 .0146	22 .0070	11 .0035	16 .0051	8 .0025	1 .0003	2 .0006	0 0.0000	8 .0025	256 .0812
200	111 .0352	36 .0114	12 .0038	11 .0035	5 .0016	5 .0016	3 .0010	7 .0022	5 .0016	11 .0035	206 .0653
250	62 .0197	20 .0063	16 .0051	7 .0022	6 .0019	3 .0010	3 .0010	6 .0019	0 0.0000	8 .0025	131 .0415
300	56 .0178	16 .0051	5 .0016	6 .0019	6 .0019	4 .0013	0 0.0000	3 .0010	2 .0006	7 .0022	105 .0333
350	43 .0136	8 .0025	10 .0032	1 .0003	2 .0006	4 .0013	1 .0003	0 0.0000	0 0.0000	4 .0013	73 .0231
400	45 .0143	6 .0019	4 .0013	3 .0010	2 .0006	2 .0006	1 .0003	1 .0003	1 .0003	3 .0010	68 .0216
450 AND ABOVE	59 .0187	23 .0073	6 .0019	11 .0035	9 .0029	6 .0019	1 .0003	3 .0010	1 .0003	9 .0029	128 .0406
COLUMN TOTALS	1927 .6110	493 .1563	245 .0777	131 .0415	102 .0323	58 .0184	35 .0111	41 .0130	18 .0057	104 .0330	

232

JOINT FREQUENCIES AND OVERALL RELATIVE FREQUENCIES FOR PORTLAND

LOWER BOUNDS FOR INTERVALS OF TOTAL FOR YEAR (INCHES X 100)	LOWER BOUNDS FOR INTERVALS OF MAGNITUDE (INCHES X 100)										ROW TOTALS
	0	25	50	75	100	125	150	175	200	225 AND ABOVE	
0	559 .1534	151 .0414	55 .0151	32 .0088	23 .0063	15 .0041	14 .0038	6 .0016	2 .0005	4 .0011	861 .2362
750	425 .1166	121 .0332	58 .0159	36 .0099	20 .0055	9 .0025	6 .0016	5 .0014	3 .0008	12 .0033	695 .1907
1500	450 .1235	127 .0348	37 .0102	30 .0082	12 .0033	19 .0052	8 .0022	7 .0019	2 .0005	9 .0025	701 .1923
2250	559 .1534	148 .0406	40 .0110	14 .0038	17 .0047	6 .0016	7 .0019	2 .0005	1 .0003	5 .0014	799 .2192
3000	340 .0933	61 .0167	31 .0085	10 .0027	10 .0027	1 .0003	2 .0005	1 .0003	0 0.0000	1 .0003	457 .1254
3750	80 .0219	20 .0055	6 .0016	1 .0003	2 .0005	0 0.0000	1 .0003	0 0.0000	0 0.0000	0 0.0000	110 .0302
4500	17 .0047	5 .0014	0 0.0000	0 0.0000	0 0.0000	0 0.0000	0 0.0000	0 0.0000	0 0.0000	0 0.0000	22 .0060
5250	0 0.0000	0 0.0000	0 0.0000	0 0.0000	0 0.0000	0 0.0000	0 0.0000	0 0.0000	0 0.0000	0 0.0000	0 0.0000
6000	0 0.0000	0 0.0000	0 0.0000	0 0.0000	0 0.0000	0 0.0000	0 0.0000	0 0.0000	0 0.0000	0 0.0000	0 0.0000
6750 AND ABOVE	0 0.0000	0 0.0000	0 0.0000	0 0.0000	0 0.0000	0 0.0000	0 0.0000	0 0.0000	0 0.0000	0 0.0000	0 0.0000
COLUMN TOTALS	2430 .6667	633 .1737	227 .0623	123 .0337	84 .0230	50 .0137	38 .0104	21 .0058	8 .0022	31 .0085	

JOINT FREQUENCIES AND OVERALL RELATIVE FREQUENCIES FOR SALEM

LOWER BOUNDS FOR INTERVALS OF TOTAL FOR YEAR (INCHES X 100)	LOWER BOUNDS FOR INTERVALS OF MAGNITUDE (INCHES X 100)										ROW TOTALS
	0	25	50	75	100	125	150	175	200	225 AND ABOVE	
0	446 .1274	124 .0354	47 .0134	41 .0117	21 .0060	19 .0054	7 .0020	5 .0014	7 .0020	11 .0031	728 .2080
750	380 .1086	107 .0306	41 .0117	27 .0077	14 .0040	15 .0043	12 .0034	6 .0017	6 .0017	19 .0054	627 .1791
1500	354 .1011	79 .0226	50 .0143	26 .0074	13 .0037	12 .0034	6 .0017	5 .0014	3 .0009	15 .0043	563 .1609
2250	406 .1160	101 .0289	40 .0114	27 .0077	9 .0026	2 .0006	8 .0023	5 .0014	6 .0017	13 .0037	617 .1763
3000	437 .1249	73 .0209	42 .0120	19 .0054	12 .0034	2 .0006	5 .0014	5 .0014	2 .0006	3 .0009	600 .1714
3750	198 .0566	37 .0106	19 .0054	7 .0020	4 .0011	0 0.0000	0 0.0000	1 .0003	0 0.0000	2 .0006	268 .0766
4500	45 .0129	10 .0029	4 .0011	1 .0003	4 .0011	1 .0003	0 0.0000	0 0.0000	1 .0003	0 0.0000	66 .0189
5250	27 .0077	3 .0009	1 .0003	0 0.0000	0 0.0000	0 0.0000	0 0.0000	0 0.0000	0 0.0000	0 0.0000	31 .0089
6000	0 0.0000	0 0.0000	0 0.0000	0 0.0000	0 0.0000	0 0.0000	0 0.0000	0 0.0000	0 0.0000	0 0.0000	0 0.0000
6750 AND ABOVE	0 0.0000	0 0.0000	0 0.0000	0 0.0000	0 0.0000	0 0.0000	0 0.0000	0 0.0000	0 0.0000	0 0.0000	0 0.0000
COLUMN TOTALS	2293 .6551	534 .1526	244 .0697	148 .0423	77 .0220	51 .0146	38 .0109	27 .0077	25 .0071	63 .0180	

JOINT FREQUENCIES AND OVERALL RELATIVE FREQUENCIES FOR EUGENE

LOWER BOUNDS FOR INTERVALS OF TOTAL FOR YEAR (INCHES X 100)	LOWER BOUNDS FOR INTERVALS OF MAGNITUDE (INCHES X 100)										ROW TOTALS
	0	25	50	75	100	125	150	175	200	225 AND ABOVE	
0	363 .1151	108 .0342	64 .0203	27 .0086	22 .0070	12 .0038	15 .0048	7 .0022	0 0.0000	21 .0067	639 .2026
750	260 .0824	55 .0174	47 .0149	22 .0070	23 .0073	6 .0019	6 .0019	7 .0022	5 .0016	24 .0076	455 .1443
1500	257 .0815	69 .0219	29 .0092	28 .0089	17 .0054	12 .0038	5 .0016	8 .0025	1 .0003	23 .0073	449 .1424
2250	273 .0866	88 .0279	29 .0092	11 .0035	13 .0041	14 .0044	5 .0016	7 .0022	3 .0010	19 .0060	462 .1465
3000	358 .1135	91 .0289	41 .0130	19 .0060	12 .0038	8 .0025	2 .0006	8 .0025	4 .0013	9 .0029	552 .1750
3750	245 .0777	51 .0162	18 .0057	12 .0038	8 .0025	2 .0006	2 .0006	3 .0010	2 .0006	5 .0016	348 .1103
4500	116 .0368	20 .0063	12 .0038	8 .0025	4 .0013	2 .0006	0 0.0000	0 0.0000	2 .0006	1 .0003	165 .0523
5250	35 .0111	6 .0019	3 .0010	4 .0013	3 .0010	2 .0006	0 0.0000	0 0.0000	0 0.0000	1 .0003	54 .0171
6000	2 .0006	0 0.0000	1 .0003	0 0.0000	0 0.0000	0 0.0000	0 0.0000	1 .0003	1 .0003	1 .0003	6 .0019
6750 AND ABOVE	18 .0057	5 .0016	1 .0003	0 0.0000	0 0.0000	0 0.0000	0 0.0000	0 0.0000	0 0.0000	0 0.0000	24 .0076
COLUMN TOTALS	1927 .6110	493 .1563	245 .0777	131 .0415	102 .0323	58 .0184	35 .0111	41 .0130	18 .0057	104 .0330	

JOINT FREQUENCIES AND OVERALL RELATIVE FREQUENCIES FOR PORTLAND

LOWER BOUNDS FOR INTERVALS OF MAGNITUDE LAST 12 HOURS (INCHES X 100)	LOWER BOUNDS FOR INTERVALS OF AVERAGE INTENSITY (INCHES PER HOUR X 100)										ROW TOTALS
	0	1	2	3	4	5	6	7	8	9 AND ABOVE	
0	305 .0837	1198 .3287	653 .1791	374 .1026	212 .0582	132 .0362	64 .0176	38 .0104	21 .0058	39 .0107	3036 .8329
5	25 .0069	88 .0241	54 .0148	35 .0096	15 .0041	7 .0019	3 .0008	3 .0008	1 .0003	2 .0005	233 .0639
10	11 .0030	55 .0151	28 .0077	18 .0049	10 .0027	4 .0011	3 .0008	2 .0005	1 .0003	3 .0008	135 .0370
15	7 .0019	43 .0118	18 .0049	8 .0022	3 .0008	2 .0005	2 .0005	0 0.0000	0 0.0000	2 .0005	85 .0233
20	2 .0005	30 .0082	15 .0041	4 .0011	3 .0008	1 .0003	2 .0005	3 .0008	0 0.0000	1 .0003	61 .0167
25	5 .0014	12 .0033	10 .0027	6 .0016	2 .0005	2 .0005	1 .0003	0 0.0000	1 .0003	0 0.0000	39 .0107
30	2 .0005	10 .0027	5 .0014	3 .0008	3 .0008	1 .0003	0 0.0000	0 0.0000	0 0.0000	2 .0005	26 .0071
35	1 .0003	3 .0008	4 .0011	1 .0003	0 0.0000	1 .0003	0 0.0000	1 .0003	0 0.0000	0 0.0000	11 .0030
40	1 .0003	5 .0014	2 .0005	1 .0003	0 0.0000	0 0.0000	1 .0003	0 0.0000	0 0.0000	0 0.0000	10 .0027
45 AND ABOVE	2 .0005	2 .0005	1 .0003	1 .0003	2 .0005	1 .0003	0 0.0000	0 0.0000	0 0.0000	0 0.0000	9 .0025
COLUMN TOTALS	361 .0990	1446 .3967	790 .2167	451 .1237	250 .0686	151 .0414	76 .0209	47 .0129	24 .0066	49 .0134	



JOINT FREQUENCIES AND OVERALL RELATIVE FREQUENCIES FOR SALEM

LOWER BOUNDS FOR INTERVALS OF MAGNITUDE LAST 12 HOURS (INCHES X 100)	LOWER BOUNDS FOR INTERVALS OF AVERAGE INTENSITY (INCHES PER HOUR X 100)										ROW TOTALS
	0	1	2	3	4	5	6	7	8	9 AND ABOVE	
0	282 .0806	1117 .3191	667 .1906	349 .0997	224 .0640	125 .0357	58 .0166	39 .0111	31 .0089	32 .0091	2924 .8354
5	25 .0071	94 .0269	43 .0123	26 .0074	18 .0051	9 .0026	2 .0006	4 .0011	0 0.0000	6 .0017	227 .0649
10	5 .0014	61 .0174	27 .0077	15 .0043	8 .0023	8 .0023	0 0.0000	4 .0011	4 .0011	2 .0006	134 .0383
15	7 .0020	22 .0063	24 .0069	8 .0023	3 .0009	4 .0011	1 .0003	2 .0006	0 0.0000	0 0.0000	71 .0203
20	3 .0009	24 .0069	10 .0029	5 .0014	5 .0014	2 .0006	1 .0003	0 0.0000	0 0.0000	0 0.0000	50 .0143
25	4 .0011	15 .0043	7 .0020	6 .0017	3 .0009	1 .0003	1 .0003	0 0.0000	2 .0006	2 .0006	41 .0117
30	3 .0009	3 .0009	2 .0006	2 .0006	0 0.0000	3 .0009	1 .0003	1 .0003	0 0.0000	0 0.0000	15 .0043
35	2 .0006	1 .0003	1 .0003	3 .0009	0 0.0000	2 .0006	0 0.0000	1 .0003	0 0.0000	0 0.0000	10 .0029
40	1 .0003	1 .0003	5 .0014	0 0.0000	0 0.0000	0 0.0000	0 0.0000	0 0.0000	0 0.0000	0 0.0000	7 .0020
45 AND ABOVE	3 .0009	4 .0011	7 .0020	4 .0011	1 .0003	1 .0003	0 0.0000	0 0.0000	0 0.0000	1 .0003	21 .0060
COLUMN TOTALS	335 .0957	1342 .3834	793 .2266	418 .1194	262 .0749	155 .0443	64 .0183	51 .0146	37 .0106	43 .0123	

JOINT FREQUENCIES AND OVERALL RELATIVE FREQUENCIES FOR EUGENE

LOWER BOUNDS FOR INTERVALS OF MAGNITUDE LAST 12 HOURS (INCHES X 100)	LOWER BOUNDS FOR INTERVALS OF AVERAGE INTENSITY (INCHES PER HOUR X 100)										ROW TOTALS
	0	1	2	3	4	5	6	7	8	9 AND ABOVE	
0	213 .0675	823 .2609	611 .1937	341 .1081	258 .0818	143 .0453	96 .0304	56 .0178	42 .0133	81 .0257	2664 .8446
5	17 .0054	66 .0209	38 .0120	19 .0060	15 .0048	6 .0019	5 .0016	5 .0016	2 .0006	2 .0006	175 .0555
10	14 .0044	36 .0114	23 .0073	14 .0044	11 .0035	5 .0016	4 .0013	1 .0003	0 0.0000	5 .0016	113 .0358
15	4 .0013	25 .0079	13 .0041	12 .0038	6 .0019	4 .0013	1 .0003	2 .0006	0 0.0000	2 .0006	69 .0219
20	1 .0003	7 .0022	8 .0025	9 .0029	3 .0010	3 .0010	2 .0006	1 .0003	1 .0003	4 .0013	39 .0124
25	3 .0010	4 .0013	5 .0016	3 .0010	0 0.0000	3 .0010	0 0.0000	0 0.0000	1 .0003	1 .0003	20 .0063
30	2 .0006	6 .0019	4 .0013	2 .0006	2 .0006	0 0.0000	1 .0003	1 .0003	1 .0003	1 .0003	20 .0063
35	0 0.0000	3 .0010	4 .0013	1 .0003	1 .0003	1 .0003	1 .0003	0 0.0000	2 .0006	0 0.0000	13 .0041
40	1 .0003	2 .0006	2 .0006	1 .0003	2 .0006	1 .0003	0 0.0000	1 .0003	1 .0003	0 0.0000	11 .0035
45 AND ABOVE	2 .0006	9 .0029	4 .0013	5 .0016	4 .0013	1 .0003	1 .0003	0 0.0000	2 .0006	2 .0006	30 .0095
COLUMN TOTALS	257 .0815	981 .3110	712 .2257	407 .1290	302 .0958	167 .0529	111 .0352	67 .0212	52 .0165	98 .0311	

JOINT FREQUENCIES AND OVERALL RELATIVE FREQUENCIES FOR PORTLAND

LOWER BOUNDS FOR INTERVALS OF MAGNITUDE LAST 48 HOURS (INCHES X 100)	LOWER BOUNDS FOR INTERVALS OF AVERAGE INTENSITY (INCHES PER HOUR X 100)										ROW TOTALS
	0	1	2	3	4	5	6	7	8	9 AND ABOVE	
0	197 .0540	787 .2159	433 .1188	251 .0689	133 .0365	82 .0225	34 .0093	23 .0063	12 .0033	26 .0071	1978 .5427
20	76 .0209	280 .0768	148 .0406	73 .0200	37 .0102	26 .0071	14 .0038	7 .0019	4 .0011	8 .0022	673 .1846
40	47 .0129	169 .0464	84 .0230	45 .0123	28 .0077	14 .0038	11 .0030	3 .0008	2 .0005	3 .0008	406 .1114
60	13 .0036	82 .0225	36 .0099	31 .0085	23 .0063	11 .0030	8 .0022	6 .0016	4 .0011	1 .0003	215 .0590
80	10 .0027	43 .0118	27 .0074	20 .0055	10 .0027	3 .0008	5 .0014	3 .0008	2 .0005	4 .0011	127 .0348
100	6 .0016	43 .0118	26 .0071	11 .0030	8 .0022	10 .0027	3 .0008	1 .0003	0 0.0000	1 .0003	109 .0299
120	2 .0005	16 .0044	17 .0047	10 .0027	3 .0008	1 .0003	1 .0003	1 .0003	0 0.0000	2 .0005	53 .0145
140	5 .0014	9 .0025	4 .0011	3 .0008	5 .0014	1 .0003	0 0.0000	0 0.0000	0 0.0000	1 .0003	28 .0077
160	1 .0003	9 .0025	8 .0022	2 .0005	2 .0005	0 0.0000	0 0.0000	1 .0003	0 0.0000	1 .0003	24 .0066
180 AND ABOVE	4 .0011	8 .0022	7 .0019	5 .0014	1 .0003	3 .0008	0 0.0000	2 .0005	0 0.0000	2 .0005	32 .0088
COLUMN TOTALS	361 .0990	1446 .3967	790 .2167	451 .1237	250 .0686	151 .0414	76 .0209	47 .0129	24 .0066	49 .0134	

JOINT FREQUENCIES AND OVERALL RELATIVE FREQUENCIES FOR SALEM

LOWER BOUNDS FOR INTERVALS OF MAGNITUDE LAST 48 HOURS (INCHES X 100)	LOWER BOUNDS FOR INTERVALS OF AVERAGE INTENSITY (INCHES PER HOUR X 100)										ROW TOTALS
	0	1	2	3	4	5	6	7	8	9 AND ABOVE	
0	186 .0531	783 .2237	455 .1300	222 .0634	143 .0409	81 .0231	38 .0109	23 .0066	20 .0057	18 .0051	1969 .5626
20	53 .0151	228 .0651	117 .0334	68 .0194	37 .0106	22 .0063	7 .0020	11 .0031	4 .0011	6 .0017	553 .1580
40	40 .0114	112 .0320	77 .0220	41 .0117	28 .0080	13 .0037	7 .0020	4 .0011	3 .0009	9 .0026	334 .0954
60	26 .0074	84 .0240	54 .0154	28 .0080	17 .0049	16 .0046	2 .0006	3 .0009	1 .0003	1 .0003	232 .0663
80	9 .0026	53 .0151	26 .0074	14 .0040	13 .0037	7 .0020	0 0.0000	5 .0014	3 .0009	3 .0009	133 .0380
100	6 .0017	26 .0074	18 .0051	17 .0049	9 .0026	2 .0006	3 .0009	1 .0003	1 .0003	1 .0003	84 .0240
120	3 .0009	16 .0046	19 .0054	6 .0017	4 .0011	3 .0009	3 .0009	2 .0006	2 .0006	2 .0006	60 .0171
140	5 .0014	13 .0037	10 .0029	8 .0023	2 .0006	6 .0017	2 .0006	0 0.0000	0 0.0000	0 0.0000	46 .0131
160	4 .0011	8 .0023	3 .0009	7 .0020	3 .0009	2 .0006	0 0.0000	0 0.0000	2 .0006	1 .0003	30 .0086
180 AND ABOVE	3 .0009	19 .0054	14 .0040	7 .0020	6 .0017	3 .0009	2 .0006	2 .0006	1 .0003	2 .0006	59 .0169
COLUMN TOTALS	335 .0957	1342 .3834	793 .2266	418 .1194	262 .0749	155 .0443	64 .0183	51 .0146	37 .0106	43 .0123	

JOINT FREQUENCIES AND OVERALL RELATIVE FREQUENCIES FOR EUGENE

LOWER BOUNDS FOR INTERVALS OF MAGNITUDE LAST 48 HOURS (INCHES X 100)	LOWER BOUNDS FOR INTERVALS OF AVERAGE INTENSITY (INCHES PER HOUR X 100)										ROW TOTALS
	0	1	2	3	4	5	6	7	8	9 AND ABOVE	
0	130 .0412	581 .1842	439 .1392	218 .0691	174 .0552	87 .0276	66 .0209	36 .0114	24 .0076	52 .0165	1807 .5729
20	43 .0136	141 .0447	91 .0289	46 .0146	36 .0114	27 .0086	12 .0038	9 .0029	7 .0022	11 .0035	423 .1341
40	34 .0108	91 .0289	55 .0174	34 .0108	30 .0095	17 .0054	10 .0032	6 .0019	3 .0010	5 .0016	285 .0904
60	15 .0048	45 .0143	41 .0130	29 .0092	19 .0060	10 .0032	7 .0022	2 .0006	5 .0016	6 .0019	179 .0568
80	10 .0032	34 .0108	31 .0098	27 .0086	11 .0035	5 .0016	1 .0003	2 .0006	2 .0006	4 .0013	127 .0403
100	7 .0022	24 .0076	19 .0060	16 .0051	6 .0019	2 .0006	6 .0019	2 .0006	3 .0010	5 .0016	90 .0285
120	5 .0016	25 .0079	11 .0035	10 .0032	11 .0035	6 .0019	2 .0006	1 .0003	1 .0003	4 .0013	76 .0241
140	7 .0022	12 .0038	6 .0019	6 .0019	4 .0013	4 .0013	0 0.0000	3 .0010	0 0.0000	3 .0010	45 .0143
160	2 .0006	6 .0019	5 .0016	3 .0010	3 .0010	5 .0016	4 .0013	0 0.0000	1 .0003	1 .0003	30 .0095
180 AND ABOVE	4 .0013	22 .0070	14 .0044	18 .0057	8 .0025	4 .0013	3 .0010	6 .0019	6 .0019	7 .0022	92 .0292
COLUMN TOTALS	257 .0815	981 .3110	712 .2257	407 .1290	302 .0958	167 .0529	111 .0352	67 .0212	52 .0165	98 .0311	

JOINT FREQUENCIES AND OVERALL RELATIVE FREQUENCIES FOR PORTLAND

LOWER BOUNDS FOR INTERVALS OF MAGNITUDE LAST 168 HOURS (INCHES X 100)	LOWER BOUNDS FOR INTERVALS OF AVERAGE INTENSITY (INCHES PER HOUR X 100)										ROW TOTALS
	0	1	2	3	4	5	6	7	8	9 AND ABOVE	
0	131 .0359	527 .1446	286 .0785	145 .0398	84 .0230	48 .0132	21 .0058	16 .0044	5 .0014	23 .0063	1286 .3528
50	90 .0247	315 .0864	181 .0497	102 .0280	53 .0145	38 .0104	13 .0036	12 .0033	5 .0014	5 .0014	814 .2233
100	64 .0176	250 .0686	121 .0332	83 .0228	35 .0096	28 .0077	18 .0049	5 .0014	6 .0016	8 .0022	618 .1695
150	30 .0082	161 .0442	73 .0200	51 .0140	28 .0077	11 .0030	10 .0027	6 .0016	1 .0003	3 .0008	374 .1026
200	13 .0036	81 .0222	47 .0129	33 .0091	24 .0066	7 .0019	3 .0008	2 .0005	4 .0011	4 .0011	218 .0598
250	14 .0038	58 .0159	29 .0080	17 .0047	14 .0038	8 .0022	6 .0016	0 0.0000	0 0.0000	2 .0005	148 .0406
300	7 .0019	30 .0082	24 .0066	8 .0022	6 .0016	4 .0011	3 .0008	1 .0003	2 .0005	1 .0003	86 .0236
350	7 .0019	15 .0041	17 .0047	5 .0014	2 .0005	5 .0014	1 .0003	3 .0008	0 0.0000	1 .0003	56 .0154
400	4 .0011	3 .0008	6 .0016	4 .0011	1 .0003	0 0.0000	0 0.0000	1 .0003	0 0.0000	1 .0003	20 .0055
450 AND ABOVE	1 .0003	6 .0016	6 .0016	3 .0008	3 .0008	2 .0005	1 .0003	1 .0003	1 .0003	1 .0003	25 .0069
COLUMN TOTALS	361 .0990	1446 .3967	790 .2167	451 .1237	250 .0686	151 .0414	76 .0209	47 .0129	24 .0066	49 .0134	

JOINT FREQUENCIES AND OVERALL RELATIVE FREQUENCIES FOR SALEM

LOWER BOUNDS FOR INTERVALS OF MAGNITUDE LAST 168 HOURS (INCHES X 100)	LOWER BOUNDS FOR INTERVALS OF AVERAGE INTENSITY (INCHES PER HOUR X 100)										ROW TOTALS
	0	1	2	3	4	5	6	7	8	9 AND ABOVE	
0	112 .0320	500 .1429	291 .0831	142 .0406	88 .0251	56 .0160	24 .0069	15 .0043	7 .0020	16 .0046	1251 .3574
50	74 .0211	313 .0894	162 .0463	87 .0249	47 .0134	23 .0066	10 .0029	10 .0029	6 .0017	9 .0026	741 .2117
100	53 .0151	170 .0486	118 .0337	58 .0166	37 .0106	16 .0046	6 .0017	7 .0020	7 .0020	2 .0006	474 .1354
150	25 .0071	113 .0323	80 .0229	43 .0123	29 .0083	14 .0040	7 .0020	7 .0020	5 .0014	2 .0006	325 .0929
200	24 .0069	96 .0274	46 .0131	27 .0077	19 .0054	18 .0051	5 .0014	6 .0017	6 .0017	3 .0009	250 .0714
250	17 .0049	60 .0171	36 .0103	18 .0051	14 .0040	7 .0020	7 .0020	1 .0003	1 .0003	2 .0006	163 .0466
300	15 .0043	28 .0080	15 .0043	14 .0040	12 .0034	6 .0017	1 .0003	2 .0006	1 .0003	5 .0014	99 .0283
350	4 .0011	24 .0069	20 .0057	16 .0046	1 .0003	2 .0006	1 .0003	1 .0003	2 .0006	1 .0003	72 .0206
400	4 .0011	16 .0046	8 .0023	5 .0014	6 .0017	7 .0020	3 .0009	0 0.0000	2 .0006	1 .0003	52 .0149
450 AND ABOVE	7 .0020	22 .0063	17 .0049	8 .0023	9 .0026	6 .0017	0 0.0000	2 .0006	0 0.0000	2 .0006	73 .0209
COLUMN TOTALS	335 .0957	1342 .3834	793 .2266	418 .1194	262 .0749	155 .0443	64 .0183	51 .0146	37 .0106	43 .0123	

JOINT FREQUENCIES AND OVERALL RELATIVE FREQUENCIES FOR EUGENE

LOWER BOUNDS FOR INTERVALS OF MAGNITUDE LAST 168 HOURS (INCHES X 100)	LOWER BOUNDS FOR INTERVALS OF AVERAGE INTENSITY (INCHES PER HOUR X 100)										ROW TOTALS
	0	1	2	3	4	5	6	7	8	9 AND ABOVE	
0	95 .0301	368 .1167	244 .0774	134 .0425	92 .0292	46 .0146	38 .0120	19 .0060	12 .0038	30 .0095	1078 .3418
50	51 .0162	191 .0606	150 .0476	72 .0228	65 .0206	30 .0095	17 .0054	14 .0044	10 .0032	17 .0054	617 .1956
100	35 .0111	161 .0510	120 .0380	68 .0216	36 .0114	28 .0089	17 .0054	9 .0029	5 .0016	13 .0041	492 .1560
150	23 .0073	69 .0219	56 .0178	29 .0092	28 .0089	17 .0054	12 .0038	7 .0022	5 .0016	10 .0032	256 .0812
200	15 .0048	53 .0168	47 .0149	30 .0095	25 .0079	13 .0041	6 .0019	4 .0013	6 .0019	7 .0022	206 .0653
250	10 .0032	32 .0101	23 .0073	24 .0076	18 .0057	6 .0019	8 .0025	3 .0010	3 .0010	4 .0013	131 .0415
300	6 .0019	36 .0114	18 .0057	12 .0038	12 .0038	8 .0025	6 .0019	0 0.0000	1 .0003	6 .0019	105 .0333
350	6 .0019	16 .0051	14 .0044	14 .0044	10 .0032	5 .0016	1 .0003	5 .0016	1 .0003	1 .0003	73 .0231
400	6 .0019	16 .0051	21 .0067	10 .0032	4 .0013	5 .0016	1 .0003	1 .0003	3 .0010	1 .0003	68 .0216
450 AND ABOVE	10 .0032	39 .0124	19 .0060	14 .0044	12 .0038	9 .0029	5 .0016	5 .0016	6 .0019	9 .0029	128 .0406
COLUMN TOTALS	257 .0815	981 .3110	712 .2257	407 .1290	302 .0958	167 .0529	111 .0352	67 .0212	52 .0165	98 .0311	



JOINT FREQUENCIES AND OVERALL RELATIVE FREQUENCIES FOR PORTLAND

LOWER BOUNDS FOR INTERVALS OF TOTAL FOR YEAR (INCHES X 100)	LOWER BOUNDS FOR INTERVALS OF AVERAGE INTENSITY (INCHES PER HOUR X 100)										ROW TOTALS
	0	1	2	3	4	5	6	7	8	9 AND ABOVE	
0	56 .0154	310 .0850	190 .0521	123 .0337	78 .0214	41 .0112	21 .0058	16 .0044	10 .0027	16 .0044	861 .2362
750	63 .0173	254 .0697	160 .0439	99 .0272	53 .0145	33 .0091	14 .0038	9 .0025	4 .0011	6 .0016	695 .1907
1500	81 .0222	295 .0809	152 .0417	72 .0198	38 .0104	24 .0066	19 .0052	7 .0019	7 .0019	6 .0016	701 .1923
2250	96 .0263	326 .0894	168 .0461	88 .0241	51 .0140	36 .0099	12 .0033	9 .0025	1 .0003	12 .0033	799 .2192
3000	49 .0134	205 .0562	98 .0269	50 .0137	23 .0063	13 .0036	7 .0019	5 .0014	2 .0005	5 .0014	457 .1254
3750	15 .0041	48 .0132	18 .0049	16 .0044	6 .0016	3 .0008	1 .0003	0 0.0000	0 0.0000	3 .0008	110 .0302
4500	1 .0003	8 .0022	4 .0011	3 .0008	1 .0003	1 .0003	2 .0005	1 .0003	0 0.0000	1 .0003	22 .0060
5250	0 0.0000	0 0.0000	0 0.0000	0 0.0000	0 0.0000	0 0.0000	0 0.0000	0 0.0000	0 0.0000	0 0.0000	0 0.0000
6000	0 0.0000	0 0.0000	0 0.0000	0 0.0000	0 0.0000	0 0.0000	0 0.0000	0 0.0000	0 0.0000	0 0.0000	0 0.0000
6750 AND ABOVE	0 0.0000	0 0.0000	0 0.0000	0 0.0000	0 0.0000	0 0.0000	0 0.0000	0 0.0000	0 0.0000	0 0.0000	0 0.0000
COLUMN TOTALS	361 .0990	1446 .3967	790 .2167	451 .1237	250 .0686	151 .0414	76 .0209	47 .0129	24 .0066	49 .0134	

JOINT FREQUENCIES AND OVERALL RELATIVE FREQUENCIES FOR SALEM

LOWER BOUNDS FOR INTERVALS OF TOTAL FOR YEAR (INCHES X 100)	LOWER BOUNDS FOR INTERVALS OF AVERAGE INTENSITY (INCHES PER HOUR X 100)										ROW TOTALS
	0	1	2	3	4	5	6	7	8	9 AND ABOVE	
0	55 .0157	245 .0700	170 .0486	96 .0274	61 .0174	39 .0111	18 .0051	18 .0051	8 .0023	18 .0051	728 .2080
750	56 .0160	221 .0631	147 .0420	84 .0240	50 .0143	33 .0094	13 .0037	9 .0026	11 .0031	3 .0009	627 .1791
1500	59 .0169	223 .0637	118 .0337	63 .0180	41 .0117	29 .0083	9 .0026	9 .0026	4 .0011	8 .0023	563 .1609
2250	69 .0197	240 .0686	133 .0380	70 .0200	48 .0137	26 .0074	10 .0029	9 .0026	5 .0014	7 .0020	617 .1763
3000	60 .0171	256 .0731	138 .0394	66 .0189	41 .0117	16 .0046	9 .0026	5 .0014	4 .0011	5 .0014	600 .1714
3750	25 .0071	117 .0334	64 .0183	31 .0089	17 .0049	6 .0017	2 .0006	0 0.0000	4 .0011	2 .0006	268 .0766
4500	9 .0026	23 .0066	16 .0046	7 .0020	2 .0006	6 .0017	2 .0006	1 .0003	0 0.0000	0 0.0000	66 .0189
5250	2 .0006	17 .0049	7 .0020	1 .0003	2 .0006	0 0.0000	1 .0003	0 0.0000	1 .0003	0 0.0000	31 .0089
6000	0 0.0000	0 0.0000	0 0.0000	0 0.0000	0 0.0000	0 0.0000	0 0.0000	0 0.0000	0 0.0000	0 0.0000	0 0.0000
6750 AND ABOVE	0 0.0000	0 0.0000	0 0.0000	0 0.0000	0 0.0000	0 0.0000	0 0.0000	0 0.0000	0 0.0000	0 0.0000	0 0.0000
COLUMN TOTALS	335 .0957	1342 .3834	793 .2266	418 .1194	262 .0749	155 .0443	64 .0183	51 .0146	37 .0106	43 .0123	

JOINT FREQUENCIES AND OVERALL RELATIVE FREQUENCIES FOR EUGENE

LOWER BOUNDS FOR INTERVALS OF TOTAL FOR YEAR (INCHES X 100)	LOWER BOUNDS FOR INTERVALS OF AVERAGE INTENSITY (INCHES PER HOUR X 100)										ROW TOTALS
	0	1	2	3	4	5	6	7	8	9 AND ABOVE	
0	38 .0120	184 .0583	139 .0441	86 .0273	66 .0209	29 .0092	27 .0086	28 .0089	9 .0029	33 .0105	639 .2026
750	39 .0124	128 .0406	83 .0263	75 .0238	55 .0174	24 .0076	15 .0048	9 .0029	10 .0032	17 .0054	455 .1443
1500	46 .0146	138 .0438	108 .0342	46 .0146	40 .0127	33 .0105	14 .0044	8 .0025	6 .0019	10 .0032	449 .1424
2250	37 .0117	162 .0514	101 .0320	55 .0174	36 .0114	24 .0076	16 .0051	7 .0022	10 .0032	14 .0044	462 .1465
3000	43 .0136	173 .0549	138 .0438	70 .0222	59 .0187	26 .0082	19 .0060	7 .0022	7 .0022	10 .0032	552 .1750
3750	34 .0108	124 .0393	85 .0269	38 .0120	27 .0086	14 .0044	9 .0029	5 .0016	3 .0010	9 .0029	348 .1103
4500	15 .0048	53 .0168	38 .0120	26 .0082	12 .0038	9 .0029	5 .0016	1 .0003	4 .0013	2 .0006	165 .0523
5250	4 .0013	13 .0041	11 .0035	9 .0029	5 .0016	6 .0019	3 .0010	0 0.0000	2 .0006	1 .0003	54 .0171
6000	0 0.0000	0 0.0000	2 .0006	0 0.0000	0 0.0000	0 0.0000	2 .0006	1 .0003	0 0.0000	1 .0003	6 .0019
6750 AND ABOVE	1 .0003	6 .0019	7 .0022	2 .0006	2 .0006	2 .0006	1 .0003	1 .0003	1 .0003	1 .0003	24 .0076
COLUMN TOTALS	257 .0815	981 .3110	712 .2257	407 .1290	302 .0958	167 .0529	111 .0352	67 .0212	52 .0165	98 .0311	

JOINT FREQUENCIES AND OVERALL RELATIVE FREQUENCIES FOR PORTLAND

LOWER BOUNDS FOR INTERVALS OF DURATION (HOURS)	LOWER BOUNDS FOR INTERVALS OF AVERAGE INTENSITY (INCHES PER HOUR X 100)										ROW TOTALS
	0	1	2	3	4	5	6	7	8	9 AND ABOVE	
0	173 .0475	933 .2560	393 .1078	190 .0521	114 .0313	75 .0206	41 .0112	25 .0069	13 .0036	34 .0093	1991 .5462
8	135 .0370	268 .0735	178 .0488	112 .0307	66 .0181	41 .0112	17 .0047	11 .0030	6 .0016	7 .0019	841 .2307
16	37 .0102	131 .0359	104 .0285	58 .0159	30 .0082	15 .0041	7 .0019	8 .0022	3 .0008	6 .0016	399 .1095
24	9 .0025	72 .0198	47 .0129	32 .0088	15 .0041	9 .0025	5 .0014	2 .0005	0 0.0000	2 .0005	193 .0529
32	5 .0014	27 .0074	30 .0082	32 .0088	13 .0036	3 .0008	4 .0011	0 0.0000	1 .0003	0 0.0000	115 .0316
40	2 .0005	8 .0022	15 .0041	8 .0022	6 .0016	3 .0008	2 .0005	0 0.0000	1 .0003	0 0.0000	45 .0123
48	0 0.0000	4 .0011	14 .0038	9 .0025	3 .0008	2 .0005	0 0.0000	0 0.0000	0 0.0000	0 0.0000	32 .0088
56	0 0.0000	1 .0003	2 .0005	5 .0014	2 .0005	1 .0003	0 0.0000	1 .0003	0 0.0000	0 0.0000	12 .0033
64	0 0.0000	0 0.0000	5 .0014	1 .0003	0 0.0000	1 .0003	0 0.0000	0 0.0000	0 0.0000	0 0.0000	7 .0019
72 AND ABOVE	0 0.0000	2 .0005	2 .0005	4 .0011	1 .0003	1 .0003	0 0.0000	0 0.0000	0 0.0000	0 0.0000	10 .0027
COLUMN TOTALS	361 .0990	1446 .3967	790 .2167	451 .1237	250 .0686	151 .0414	76 .0209	47 .0129	24 .0066	49 .0134	

248

JOINT FREQUENCIES AND OVERALL RELATIVE FREQUENCIES FOR SALEM

LOWER BOUNDS FOR INTERVALS OF DURATION (HOURS)	LOWER BOUNDS FOR INTERVALS OF AVERAGE INTENSITY (INCHES PER HOUR X 100)										ROW TOTALS
	0	1	2	3	4	5	6	7	8	9 AND ABOVE	
0	166 .0474	852 .2434	390 .1114	182 .0520	108 .0309	71 .0203	30 .0086	20 .0057	22 .0063	32 .0091	1873 .5351
8	123 .0351	255 .0729	168 .0480	92 .0263	51 .0146	38 .0109	16 .0046	14 .0040	4 .0011	7 .0020	768 .2194
16	33 .0094	117 .0334	98 .0280	56 .0160	44 .0126	14 .0040	5 .0014	9 .0026	4 .0011	2 .0006	382 .1091
24	9 .0026	68 .0194	60 .0171	23 .0066	12 .0034	11 .0031	6 .0017	3 .0009	3 .0009	0 0.0000	195 .0557
32	3 .0009	29 .0083	38 .0109	28 .0080	17 .0049	5 .0014	3 .0009	4 .0011	0 0.0000	0 0.0000	127 .0363
40	0 0.0000	12 .0034	18 .0051	8 .0023	14 .0040	5 .0014	3 .0009	0 0.0000	1 .0003	0 0.0000	61 .0174
48	1 .0003	6 .0017	5 .0014	10 .0029	3 .0009	6 .0017	0 0.0000	0 0.0000	0 0.0000	2 .0006	33 .0094
56	0 0.0000	0 0.0000	3 .0009	7 .0020	5 .0014	2 .0006	1 .0003	1 .0003	2 .0006	0 0.0000	21 .0060
64	0 0.0000	1 .0003	8 .0023	2 .0006	3 .0009	1 .0003	0 0.0000	0 0.0000	1 .0003	0 0.0000	16 .0046
72 AND ABOVE	0 0.0000	2 .0006	5 .0014	10 .0029	5 .0014	2 .0006	0 0.0000	0 0.0000	0 0.0000	0 0.0000	24 .0069
COLUMN TOTALS	335 .0957	1342 .3834	793 .2266	418 .1194	262 .0749	155 .0443	64 .0183	51 .0146	37 .0106	43 .0123	

JOINT FREQUENCIES AND OVERALL RELATIVE FREQUENCIES FOR EUGENE

LOWER BOUNDS FOR INTERVALS OF DURATION (HOURS)	LOWER BOUNDS FOR INTERVALS OF AVERAGE INTENSITY (INCHES PER HOUR X 100)										ROW TOTALS
	0	1	2	3	4	5	6	7	8	9 AND ABOVE	
0	145 .0460	623 .1975	405 .1284	180 .0571	123 .0390	66 .0209	42 .0133	26 .0082	27 .0086	49 .0155	1686 .5346
8	87 .0276	196 .0621	135 .0428	96 .0304	70 .0222	41 .0130	28 .0089	20 .0063	9 .0029	24 .0076	706 .2238
16	21 .0067	96 .0304	82 .0260	38 .0120	38 .0120	23 .0073	15 .0048	7 .0022	5 .0016	6 .0019	331 .1049
24	4 .0013	39 .0124	40 .0127	30 .0095	20 .0063	13 .0041	9 .0029	3 .0010	3 .0010	8 .0025	169 .0536
32	0 0.0000	18 .0057	20 .0063	28 .0089	16 .0051	10 .0032	3 .0010	4 .0013	6 .0019	5 .0016	110 .0349
40	0 0.0000	4 .0013	17 .0054	9 .0029	11 .0035	4 .0013	4 .0013	1 .0003	1 .0003	2 .0006	53 .0168
48	0 0.0000	4 .0013	4 .0013	12 .0038	12 .0038	4 .0013	4 .0013	0 0.0000	0 0.0000	2 .0006	42 .0133
56	0 0.0000	1 .0003	1 .0003	5 .0016	2 .0006	3 .0010	4 .0013	0 0.0000	0 0.0000	0 0.0000	16 .0051
64	0 0.0000	0 0.0000	3 .0010	5 .0016	3 .0010	1 .0003	1 .0003	0 0.0000	0 0.0000	2 .0006	15 .0048
72 AND ABOVE	0 0.0000	0 0.0000	5 .0016	4 .0013	7 .0022	2 .0006	1 .0003	6 .0019	1 .0003	0 0.0000	26 .0082
COLUMN TOTALS	257 .0815	981 .3110	712 .2257	407 .1290	302 .0958	167 .0529	111 .0352	67 .0212	52 .0165	98 .0311	

JOINT FREQUENCIES AND OVERALL RELATIVE FREQUENCIES FOR PORTLAND

LOWER BOUNDS FOR INTERVALS OF MAGNITUDE LAST 12 HOURS (INCHES X 100)	LOWER BOUNDS FOR INTERVALS OF MAXIMUM INTENSITY (INCHES PER HOUR X 100)										ROW TOTALS
	0	4	8	12	16	20	24	28	32	36 AND ABOVE	
0	1240 .3402	788 .2162	476 .1306	264 .0724	130 .0357	67 .0184	34 .0093	20 .0055	12 .0033	5 .0014	3036 .8329
5	106 .0291	56 .0154	31 .0085	23 .0063	9 .0025	5 .0014	3 .0008	0 0.0000	0 0.0000	0 0.0000	233 .0639
10	49 .0134	42 .0115	18 .0049	14 .0038	3 .0008	4 .0011	1 .0003	4 .0011	0 0.0000	0 0.0000	135 .0370
15	43 .0118	25 .0069	6 .0016	4 .0011	1 .0003	5 .0014	0 0.0000	0 0.0000	1 .0003	0 0.0000	85 .0233
20	25 .0069	17 .0047	8 .0022	5 .0014	4 .0011	1 .0003	1 .0003	0 0.0000	0 0.0000	0 0.0000	61 .0167
25	13 .0036	11 .0030	6 .0016	3 .0008	1 .0003	3 .0008	1 .0003	0 0.0000	1 .0003	0 0.0000	39 .0107
30	6 .0016	10 .0027	4 .0011	3 .0008	1 .0003	1 .0003	0 0.0000	1 .0003	0 0.0000	0 0.0000	26 .0071
35	2 .0005	1 .0003	3 .0008	5 .0014	0 0.0000	0 0.0000	0 0.0000	0 0.0000	0 0.0000	0 0.0000	11 .0030
40	3 .0008	4 .0011	2 .0005	0 0.0000	0 0.0000	0 0.0000	0 0.0000	1 .0003	0 0.0000	0 0.0000	10 .0027
45 AND ABOVE	2 .0005	3 .0008	3 .0008	0 0.0000	0 0.0000	0 0.0000	1 .0003	0 0.0000	0 0.0000	0 0.0000	9 .0025
COLUMN TOTALS	1489 .4085	957 .2626	557 .1528	321 .0881	149 .0409	86 .0236	41 .0112	26 .0071	14 .0038	5 .0014	

JOINT FREQUENCIES AND OVERALL RELATIVE FREQUENCIES FOR SALEM

LOWER BOUNDS FOR INTERVALS OF MAGNITUDE LAST 12 HOURS (INCHES X 100)	LOWER BOUNDS FOR INTERVALS OF MAXIMUM INTENSITY (INCHES PER HOUR X 100)										ROW TOTALS
	0	4	8	12	16	20	24	28	32	36 AND ABOVE	
0	1158 .3309	782 .2234	405 .1157	263 .0751	149 .0426	66 .0189	44 .0126	27 .0077	13 .0037	17 .0049	2924 .8354
5	89 .0254	63 .0180	26 .0074	20 .0057	13 .0037	10 .0029	2 .0006	2 .0006	1 .0003	1 .0003	227 .0649
10	45 .0129	43 .0123	17 .0049	13 .0037	7 .0020	2 .0006	1 .0003	1 .0003	1 .0003	4 .0011	134 .0383
15	29 .0083	15 .0043	14 .0040	6 .0017	3 .0009	2 .0006	1 .0003	0 0.0000	1 .0003	0 0.0000	71 .0203
20	19 .0054	16 .0046	5 .0014	2 .0006	6 .0017	0 0.0000	2 .0006	0 0.0000	0 0.0000	0 0.0000	50 .0143
25	14 .0040	8 .0023	6 .0017	2 .0006	3 .0009	4 .0011	3 .0009	1 .0003	0 0.0000	0 0.0000	41 .0117
30	4 .0011	3 .0009	1 .0003	2 .0006	3 .0009	0 0.0000	1 .0003	1 .0003	0 0.0000	0 0.0000	15 .0043
35	2 .0006	5 .0014	0 0.0000	0 0.0000	0 0.0000	1 .0003	1 .0003	0 0.0000	1 .0003	0 0.0000	10 .0029
40	3 .0009	2 .0006	2 .0006	0 0.0000	0 0.0000	0 0.0000	0 0.0000	0 0.0000	0 0.0000	0 0.0000	7 .0020
45 AND ABOVE	7 .0020	6 .0017	0 0.0000	3 .0009	3 .0009	1 .0003	1 .0003	0 0.0000	0 0.0000	0 0.0000	21 .0060
COLUMN TOTALS	1370 .3914	943 .2694	476 .1360	311 .0889	187 .0534	86 .0246	56 .0160	32 .0091	17 .0049	22 .0063	

252



JOINT FREQUENCIES AND OVERALL RELATIVE FREQUENCIES FOR EUGENE

LOWER BOUNDS FOR INTERVALS OF MAGNITUDE LAST 12 HOURS (INCHES X 100)	LOWER BOUNDS FOR INTERVALS OF MAXIMUM INTENSITY (INCHES PER HOUR X 100)										ROW TOTALS
	0	4	8	12	16	20	24	28	32	36 AND ABOVE	
0	942 .2987	659 .2089	369 .1170	236 .0748	168 .0533	100 .0317	76 .0241	42 .0133	25 .0079	47 .0149	2664 .8446
5	80 .0254	27 .0086	30 .0095	9 .0029	12 .0038	7 .0022	4 .0013	2 .0006	3 .0010	1 .0003	175 .0555
10	46 .0146	21 .0067	16 .0051	13 .0041	6 .0019	5 .0016	3 .0010	1 .0003	1 .0003	1 .0003	113 .0358
15	24 .0076	16 .0051	8 .0025	3 .0010	9 .0029	5 .0016	2 .0006	0 0.0000	0 0.0000	2 .0006	69 .0219
20	7 .0022	8 .0025	8 .0025	3 .0010	2 .0006	5 .0016	0 0.0000	2 .0006	2 .0006	2 .0006	39 .0124
25	5 .0016	3 .0010	3 .0010	1 .0003	4 .0013	1 .0003	1 .0003	0 0.0000	1 .0003	1 .0003	20 .0063
30	7 .0022	3 .0010	2 .0006	2 .0006	0 0.0000	1 .0003	1 .0003	2 .0006	0 0.0000	2 .0006	20 .0063
35	5 .0016	1 .0003	0 0.0000	1 .0003	2 .0006	1 .0003	2 .0006	0 0.0000	1 .0003	0 0.0000	13 .0041
40	4 .0013	0 0.0000	3 .0010	0 0.0000	2 .0006	1 .0003	1 .0003	0 0.0000	0 0.0000	0 0.0000	11 .0035
45 AND ABOVE	7 .0022	4 .0013	7 .0022	2 .0006	4 .0013	3 .0010	0 0.0000	2 .0006	0 0.0000	1 .0003	30 .0095
COLUMN TOTALS	1127 .3573	742 .2353	446 .1414	270 .0856	209 .0663	129 .0409	90 .0285	51 .0162	33 .0105	57 .0181	

JOINT FREQUENCIES AND OVERALL RELATIVE FREQUENCIES FOR PORTLAND

LOWER BOUNDS FOR INTERVALS OF MAGNITUDE LAST 48 HOURS (INCHES X 100)	LOWER BOUNDS FOR INTERVALS OF MAXIMUM INTENSITY (INCHES PER HOUR X 100)										ROW TOTALS
	0	4	8	12	16	20	24	28	32	36 AND ABOVE	
0	802 .2200	545 .1495	312 .0856	164 .0450	73 .0200	41 .0112	18 .0049	15 .0041	5 .0014	3 .0008	1978 .5427
20	319 .0875	155 .0425	93 .0255	56 .0154	21 .0058	15 .0041	11 .0030	1 .0003	2 .0005	0 0.0000	673 .1846
40	165 .0453	105 .0288	67 .0184	29 .0080	23 .0063	11 .0030	3 .0008	3 .0008	0 0.0000	0 0.0000	406 .1114
60	77 .0211	49 .0134	32 .0088	25 .0069	13 .0036	10 .0027	4 .0011	3 .0008	2 .0005	0 0.0000	215 .0590
80	43 .0118	37 .0102	12 .0033	19 .0052	5 .0014	3 .0008	2 .0005	4 .0011	2 .0005	0 0.0000	127 .0348
100	37 .0102	35 .0096	8 .0022	16 .0044	6 .0016	3 .0008	1 .0003	0 0.0000	2 .0005	1 .0003	109 .0299
120	17 .0047	9 .0025	15 .0041	6 .0016	2 .0005	2 .0005	1 .0003	0 0.0000	0 0.0000	1 .0003	53 .0145
140	11 .0030	7 .0019	7 .0019	1 .0003	1 .0003	0 0.0000	0 0.0000	0 0.0000	1 .0003	0 0.0000	28 .0077
160	9 .0025	9 .0025	2 .0005	2 .0005	1 .0003	0 0.0000	1 .0003	0 0.0000	0 0.0000	0 0.0000	24 .0066
180 AND ABOVE	9 .0025	6 .0016	9 .0025	3 .0008	4 .0011	1 .0003	0 0.0000	0 0.0000	0 0.0000	0 0.0000	32 .0088
COLUMN TOTALS	1489 .4085	957 .2626	557 .1528	321 .0881	149 .0409	86 .0236	41 .0112	26 .0071	14 .0038	5 .0014	

254

JOINT FREQUENCIES AND OVERALL RELATIVE FREQUENCIES FOR SALEM

LOWER BOUNDS FOR INTERVALS OF MAGNITUDE LAST 48 HOURS (INCHES X 100)	LOWER BOUNDS FOR INTERVALS OF MAXIMUM INTENSITY (INCHES PER HOUR X 100)										ROW TOTALS
	0	4	8	12	16	20	24	28	32	36 AND ABOVE	
0	806 .2303	562 .1606	251 .0717	161 .0460	95 .0271	36 .0103	24 .0069	17 .0049	8 .0023	9 .0026	1969 .5626
20	232 .0663	136 .0389	85 .0243	46 .0131	25 .0071	11 .0031	7 .0020	6 .0017	2 .0006	3 .0009	553 .1580
40	111 .0317	85 .0243	54 .0154	36 .0103	19 .0054	13 .0037	8 .0023	4 .0011	1 .0003	3 .0009	334 .0954
60	88 .0251	61 .0174	30 .0086	28 .0080	9 .0026	8 .0023	2 .0006	3 .0009	1 .0003	2 .0006	232 .0663
80	46 .0131	37 .0106	15 .0043	9 .0026	13 .0037	6 .0017	5 .0014	0 0.0000	1 .0003	1 .0003	133 .0380
100	24 .0069	18 .0051	14 .0040	7 .0020	13 .0037	4 .0011	1 .0003	1 .0003	2 .0006	0 0.0000	84 .0240
120	18 .0051	13 .0037	11 .0031	8 .0023	5 .0014	1 .0003	2 .0006	0 0.0000	1 .0003	1 .0003	60 .0171
140	18 .0051	5 .0014	6 .0017	7 .0020	3 .0009	1 .0003	3 .0009	1 .0003	1 .0003	1 .0003	46 .0131
160	11 .0031	7 .0020	2 .0006	1 .0003	3 .0009	4 .0011	0 0.0000	0 0.0000	0 0.0000	2 .0006	30 .0086
180 AND ABOVE	16 .0046	19 .0054	8 .0023	8 .0023	2 .0006	2 .0006	4 .0011	0 0.0000	0 0.0000	0 0.0000	59 .0169
COLUMN TOTALS	1370 .3914	943 .2694	476 .1360	311 .0889	187 .0534	86 .0246	56 .0160	32 .0091	17 .0049	22 .0063	

JOINT FREQUENCIES AND OVERALL RELATIVE FREQUENCIES FOR EUGENE

LOWER BOUNDS FOR INTERVALS OF MAGNITUDE LAST 48 HOURS (INCHES X 100)	LOWER BOUNDS FOR INTERVALS OF MAXIMUM INTENSITY (INCHES PER HOUR X 100)										ROW TOTALS
	0	4	8	12	16	20	24	28	32	36 AND ABOVE	
0	651 .2064	467 .1481	252 .0799	165 .0523	113 .0358	61 .0193	42 .0133	22 .0070	12 .0038	22 .0070	1807 .5729
20	160 .0507	90 .0285	61 .0193	31 .0098	28 .0089	19 .0060	15 .0048	5 .0016	6 .0019	8 .0025	423 .1341
40	107 .0339	71 .0225	34 .0108	21 .0067	15 .0048	16 .0051	10 .0032	4 .0013	2 .0006	5 .0016	285 .0904
60	63 .0200	34 .0108	25 .0079	20 .0063	12 .0038	9 .0029	4 .0013	6 .0019	4 .0013	2 .0006	179 .0568
80	41 .0130	27 .0086	21 .0067	10 .0032	4 .0013	7 .0022	7 .0022	3 .0010	4 .0013	3 .0010	127 .0403
100	28 .0089	13 .0041	17 .0054	6 .0019	12 .0038	6 .0019	1 .0003	2 .0006	0 0.0000	5 .0016	90 .0285
120	25 .0079	15 .0048	8 .0025	6 .0019	10 .0032	1 .0003	5 .0016	2 .0006	1 .0003	3 .0010	76 .0241
140	16 .0051	7 .0022	11 .0035	2 .0006	3 .0010	1 .0003	1 .0003	0 0.0000	2 .0006	2 .0006	45 .0143
160	11 .0035	5 .0016	3 .0010	0 0.0000	5 .0016	2 .0006	0 0.0000	3 .0010	1 .0003	0 0.0000	30 .0095
180 AND ABOVE	25 .0079	13 .0041	14 .0044	9 .0029	7 .0022	7 .0022	5 .0016	4 .0013	1 .0003	7 .0022	92 .0292
COLUMN TOTALS	1127 .3573	742 .2353	446 .1414	270 .0856	209 .0663	129 .0409	90 .0285	51 .0162	33 .0105	57 .0181	

JOINT FREQUENCIES AND OVERALL RELATIVE FREQUENCIES FOR PORTLAND

LOWER BOUNDS FOR INTERVALS OF MAGNITUDE LAST 168 HOURS (INCHES X 100)	LOWER BOUNDS FOR INTERVALS OF MAXIMUM INTENSITY (INCHES PER HOUR X 100)										ROW TOTALS
	0	4	8	12	16	20	24	28	32	36 AND ABOVE	
0	551 .1512	339 .0930	186 .0510	103 .0283	58 .0159	25 .0069	12 .0033	8 .0022	2 .0005	2 .0005	1286 .3528
50	337 .0925	218 .0598	119 .0326	79 .0217	30 .0082	16 .0044	8 .0022	4 .0011	2 .0005	1 .0003	814 .2233
100	255 .0700	155 .0425	100 .0274	51 .0140	19 .0052	23 .0063	6 .0016	6 .0016	2 .0005	1 .0003	618 .1695
150	147 .0403	106 .0291	58 .0159	31 .0085	14 .0038	6 .0016	7 .0019	2 .0005	3 .0008	0 0.0000	374 .1026
200	74 .0203	57 .0156	37 .0102	23 .0063	10 .0027	10 .0027	5 .0014	1 .0003	1 .0003	0 0.0000	218 .0598
250	67 .0184	32 .0088	22 .0060	14 .0038	7 .0019	0 0.0000	1 .0003	4 .0011	1 .0003	0 0.0000	148 .0406
300	29 .0080	25 .0069	17 .0047	8 .0022	3 .0008	2 .0005	1 .0003	1 .0003	0 0.0000	0 0.0000	86 .0236
350	17 .0047	15 .0041	11 .0030	5 .0014	3 .0008	4 .0011	0 0.0000	0 0.0000	0 0.0000	1 .0003	56 .0154
400	4 .0011	5 .0014	2 .0005	4 .0011	4 .0011	0 0.0000	1 .0003	0 0.0000	0 0.0000	0 0.0000	20 .0055
450 AND ABOVE	8 .0022	5 .0014	5 .0014	3 .0008	1 .0003	0 0.0000	0 0.0000	0 0.0000	3 .0008	0 0.0000	25 .0069
COLUMN TOTALS	1489 .4085	957 .2626	557 .1528	321 .0881	149 .0409	86 .0236	41 .0112	26 .0071	14 .0038	5 .0014	

JOINT FREQUENCIES AND OVERALL RELATIVE FREQUENCIES FOR SALEM

LOWER BOUNDS FOR INTERVALS OF MAGNITUDE LAST 168 HOURS (INCHES X 100)	LOWER BOUNDS FOR INTERVALS OF MAXIMUM INTENSITY (INCHES PER HOUR X 100)										ROW TOTALS
	0	4	8	12	16	20	24	28	32	36 AND ABOVE	
0	520 .1486	350 .1000	178 .0509	83 .0237	56 .0160	21 .0060	16 .0046	14 .0040	6 .0017	7 .0020	1251 .3574
50	313 .0894	210 .0600	84 .0240	67 .0191	32 .0091	14 .0040	9 .0026	8 .0023	1 .0003	3 .0009	741 .2117
100	176 .0503	125 .0357	65 .0186	44 .0126	32 .0091	19 .0054	5 .0014	3 .0009	2 .0006	3 .0009	474 .1354
150	97 .0277	96 .0274	49 .0140	33 .0094	18 .0051	14 .0040	13 .0037	3 .0009	2 .0006	0 0.0000	325 .0929
200	96 .0274	56 .0160	37 .0106	28 .0080	19 .0054	5 .0014	2 .0006	1 .0003	2 .0006	4 .0011	250 .0714
250	67 .0191	35 .0100	22 .0063	17 .0049	10 .0029	4 .0011	5 .0014	2 .0006	0 0.0000	1 .0003	163 .0466
300	40 .0114	18 .0051	12 .0034	14 .0040	5 .0014	3 .0009	3 .0009	1 .0003	2 .0006	1 .0003	99 .0283
350	25 .0071	19 .0054	13 .0037	8 .0023	2 .0006	3 .0009	0 0.0000	0 0.0000	0 0.0000	2 .0006	72 .0206
400	17 .0049	11 .0031	8 .0023	6 .0017	6 .0017	1 .0003	1 .0003	0 0.0000	2 .0006	0 0.0000	52 .0149
450 AND ABOVE	19 .0054	23 .0066	8 .0023	11 .0031	7 .0020	2 .0006	2 .0006	0 0.0000	0 0.0000	1 .0003	73 .0209
COLUMN TOTALS	1370 .3914	943 .2694	476 .1360	311 .0889	187 .0534	86 .0246	56 .0160	32 .0091	17 .0049	22 .0063	

258

JOINT FREQUENCIES AND OVERALL RELATIVE FREQUENCIES FOR EUGENE

LOWER BOUNDS FOR INTERVALS OF MAGNITUDE LAST 168 HOURS (INCHES X 100)	LOWER BOUNDS FOR INTERVALS OF MAXIMUM INTENSITY (INCHES PER HOUR X 100)										ROW TOTALS
	0	4	8	12	16	20	24	28	32	36 AND ABOVE	
0	414 .1313	274 .0869	149 .0472	83 .0263	61 .0193	42 .0133	28 .0089	12 .0038	7 .0022	8 .0025	1078 .3418
50	223 .0707	162 .0514	89 .0282	54 .0171	26 .0082	21 .0067	17 .0054	7 .0022	5 .0016	13 .0041	617 .1956
100	180 .0571	115 .0365	77 .0244	35 .0111	40 .0127	14 .0044	10 .0032	11 .0035	4 .0013	6 .0019	492 .1560
150	86 .0273	57 .0181	34 .0108	27 .0086	20 .0063	9 .0029	9 .0029	2 .0006	5 .0016	7 .0022	256 .0812
200	64 .0203	43 .0136	29 .0092	23 .0073	14 .0044	6 .0019	9 .0029	4 .0013	5 .0016	9 .0029	206 .0653
250	36 .0114	22 .0070	17 .0054	20 .0063	14 .0044	11 .0035	5 .0016	5 .0016	0 0.0000	1 .0003	131 .0415
300	38 .0120	17 .0054	12 .0038	4 .0013	11 .0035	7 .0022	4 .0013	6 .0019	1 .0003	5 .0016	105 .0333
350	24 .0076	15 .0048	11 .0035	9 .0029	5 .0016	4 .0013	3 .0010	1 .0003	0 0.0000	1 .0003	73 .0231
400	22 .0070	16 .0051	11 .0035	6 .0019	3 .0010	6 .0019	1 .0003	1 .0003	0 0.0000	2 .0006	68 .0216
450 AND ABOVE	40 .0127	21 .0067	17 .0054	9 .0029	15 .0048	9 .0029	4 .0013	2 .0006	6 .0019	5 .0016	128 .0406
COLUMN TOTALS	1127 .3573	742 .2353	446 .1414	270 .0856	209 .0663	129 .0409	90 .0285	51 .0162	33 .0105	57 .0181	

JOINT FREQUENCIES AND OVERALL RELATIVE FREQUENCIES FOR PORTLAND

LOWER BOUNDS FOR INTERVALS OF TOTAL FOR YEAR (INCHES X 100)	LOWER BOUNDS FOR INTERVALS OF MAXIMUM INTENSITY (INCHES PER HOUR X 100)										ROW TOTALS
	0	4	8	12	16	20	24	28	32	36 AND ABOVE	
0	308 .0845	210 .0576	150 .0412	88 .0241	46 .0126	30 .0082	14 .0038	10 .0027	3 .0008	2 .0005	861 .2362
750	257 .0705	197 .0540	98 .0269	68 .0187	36 .0099	16 .0044	14 .0038	5 .0014	4 .0011	0 0.0000	695 .1907
1500	291 .0798	192 .0527	96 .0263	62 .0170	28 .0077	16 .0044	8 .0022	5 .0014	2 .0005	1 .0003	701 .1923
2250	345 .0947	220 .0604	128 .0351	61 .0167	21 .0058	13 .0036	5 .0014	3 .0008	1 .0003	2 .0005	799 .2192
3000	225 .0617	108 .0296	65 .0178	31 .0085	16 .0044	7 .0019	0 0.0000	1 .0003	4 .0011	0 0.0000	457 .1254
3750	55 .0151	25 .0069	14 .0038	9 .0025	2 .0005	3 .0008	0 0.0000	2 .0005	0 0.0000	0 0.0000	110 .0302
4500	8 .0022	5 .0014	6 .0016	2 .0005	0 0.0000	1 .0003	0 0.0000	0 0.0000	0 0.0000	0 0.0000	22 .0060
5250	0 0.0000	0 0.0000	0 0.0000	0 0.0000	0 0.0000	0 0.0000	0 0.0000	0 0.0000	0 0.0000	0 0.0000	0 0.0000
6000	0 0.0000	0 0.0000	0 0.0000	0 0.0000	0 0.0000	0 0.0000	0 0.0000	0 0.0000	0 0.0000	0 0.0000	0 0.0000
6750 AND ABOVE	0 0.0000	0 0.0000	0 0.0000	0 0.0000	0 0.0000	0 0.0000	0 0.0000	0 0.0000	0 0.0000	0 0.0000	0 0.0000
COLUMN TOTALS	1489 .4085	957 .2626	557 .1528	321 .0881	149 .0409	86 .0236	41 .0112	26 .0071	14 .0038	5 .0014	



JOINT FREQUENCIES AND OVERALL RELATIVE FREQUENCIES FOR SALEM

LOWER BOUNDS FOR INTERVALS OF  TOTAL FOR YEAR (INCHES X 100)	LOWER BOUNDS FOR INTERVALS OF  MAXIMUM INTENSITY (INCHES PER HOUR X 100)										ROW TOTALS
	0	4	8	12	16	20	24	28	32	36 AND ABOVE	
0	246 .0703	197 .0563	97 .0277	69 .0197	56 .0160	19 .0054	18 .0051	11 .0031	7 .0020	8 .0023	728 .2080
750	234 .0669	160 .0457	75 .0214	62 .0177	36 .0103	27 .0077	11 .0031	9 .0026	5 .0014	8 .0023	627 .1791
1500	219 .0626	145 .0414	82 .0234	49 .0140	33 .0094	16 .0046	11 .0031	4 .0011	1 .0003	3 .0009	563 .1609
2250	244 .0697	176 .0503	86 .0246	56 .0160	27 .0077	10 .0029	7 .0020	5 .0014	4 .0011	2 .0006	617 .1763
3000	265 .0757	164 .0469	82 .0234	51 .0146	18 .0051	12 .0034	4 .0011	3 .0009	0 0.0000	1 .0003	600 .1714
3750	121 .0346	71 .0203	38 .0109	16 .0046	17 .0049	1 .0003	4 .0011	0 0.0000	0 0.0000	0 0.0000	268 .0766
4500	24 .0069	21 .0060	13 .0037	6 .0017	0 0.0000	1 .0003	1 .0003	0 0.0000	0 0.0000	0 0.0000	66 .0189
5250	17 .0049	9 .0026	3 .0009	2 .0006	0 0.0000	0 0.0000	0 0.0000	0 0.0000	0 0.0000	0 0.0000	31 .0089
6000	0 0.0000	0 0.0000	0 0.0000	0 0.0000	0 0.0000	0 0.0000	0 0.0000	0 0.0000	0 0.0000	0 0.0000	0 0.0000
6750 AND ABOVE	0 0.0000	0 0.0000	0 0.0000	0 0.0000	0 0.0000	0 0.0000	0 0.0000	0 0.0000	0 0.0000	0 0.0000	0 0.0000
COLUMN TOTALS	1370 .3914	943 .2694	476 .1360	311 .0889	187 .0534	86 .0246	56 .0160	32 .0091	17 .0049	22 .0063	

JOINT FREQUENCIES AND OVERALL RELATIVE FREQUENCIES FOR EUGENE

LOWER BOUNDS FOR INTERVALS OF TOTAL FOR YEAR (INCHES X 100)	LOWER BOUNDS FOR INTERVALS OF MAXIMUM INTENSITY (INCHES PER HOUR X 100)										ROW TOTALS
	0	4	8	12	16	20	24	28	32	36 AND ABOVE	
0	202 .0640	145 .0460	100 .0317	45 .0143	49 .0155	38 .0120	20 .0063	18 .0057	7 .0022	15 .0048	639 .2026
750	162 .0514	95 .0301	53 .0168	45 .0143	35 .0111	22 .0070	15 .0048	7 .0022	11 .0035	10 .0032	455 .1443
1500	168 .0533	89 .0282	64 .0203	39 .0124	32 .0101	14 .0044	14 .0044	12 .0038	4 .0013	13 .0041	449 .1424
2250	169 .0536	110 .0349	66 .0209	44 .0140	25 .0079	17 .0054	10 .0032	6 .0019	5 .0016	10 .0032	462 .1465
3000	184 .0583	153 .0485	88 .0279	52 .0165	38 .0120	14 .0044	13 .0041	3 .0010	5 .0016	2 .0006	552 .1750
3750	154 .0488	82 .0260	40 .0127	25 .0079	16 .0051	13 .0041	13 .0041	1 .0003	0 0.0000	4 .0013	348 .1103
4500	63 .0200	45 .0143	27 .0086	8 .0025	9 .0029	6 .0019	3 .0010	2 .0006	0 0.0000	2 .0006	165 .0523
5250	18 .0057	14 .0044	5 .0016	8 .0025	2 .0006	3 .0010	1 .0003	2 .0006	1 .0003	0 0.0000	54 .0171
6000	0 0.0000	1 .0003	1 .0003	0 0.0000	1 .0003	1 .0003	1 .0003	0 0.0000	0 0.0000	1 .0003	6 .0019
6750 AND ABOVE	7 .0022	8 .0025	2 .0006	4 .0013	2 .0006	1 .0003	0 0.0000	0 0.0000	0 0.0000	0 0.0000	24 .0076
COLUMN TOTALS	1127 .3573	742 .2353	446 .1414	270 .0856	209 .0663	129 .0409	90 .0285	51 .0162	33 .0105	57 .0181	

JOINT FREQUENCIES AND OVERALL RELATIVE FREQUENCIES FOR PORTLAND

LOWER BOUNDS FOR INTERVALS OF DURATION (HOURS)	LOWER BOUNDS FOR INTERVALS OF MAXIMUM INTENSITY (INCHES PER HOUR X 100)										ROW TOTALS
	0	4	8	12	16	20	24	28	32	36 AND ABOVE	
0	1294 .3550	437 .1199	154 .0422	67 .0184	20 .0055	10 .0027	2 .0005	5 .0014	1 .0003	1 .0003	1991 .5462
8	158 .0433	324 .0889	189 .0519	94 .0258	36 .0099	23 .0063	10 .0027	4 .0011	2 .0005	1 .0003	841 .2307
16	27 .0074	125 .0343	115 .0316	67 .0184	36 .0099	14 .0038	6 .0016	3 .0008	5 .0014	1 .0003	399 .1095
24	7 .0019	45 .0123	52 .0143	41 .0112	24 .0066	11 .0030	7 .0019	5 .0014	1 .0003	0 0.0000	193 .0529
32	2 .0005	18 .0049	30 .0082	25 .0069	16 .0044	12 .0033	6 .0016	3 .0008	2 .0005	1 .0003	115 .0316
40	1 .0003	6 .0016	9 .0025	13 .0036	4 .0011	5 .0014	3 .0008	2 .0005	2 .0005	0 0.0000	45 .0123
48	0 0.0000	1 .0003	8 .0022	10 .0027	6 .0016	3 .0008	4 .0011	0 0.0000	0 0.0000	0 0.0000	32 .0088
56	0 0.0000	0 0.0000	0 0.0000	2 .0005	2 .0005	2 .0005	2 .0005	2 .0005	1 .0003	1 .0003	12 .0033
64	0 0.0000	0 0.0000	0 0.0000	1 .0003	1 .0003	2 .0005	1 .0003	2 .0005	0 0.0000	0 0.0000	7 .0019
72 AND ABOVE	0 0.0000	1 .0003	0 0.0000	1 .0003	4 .0011	4 .0011	0 0.0000	0 0.0000	0 0.0000	0 0.0000	10 .0027
COLUMN TOTALS	1489 .4085	957 .2626	557 .1528	321 .0881	149 .0409	86 .0236	41 .0112	26 .0071	14 .0038	5 .0014	

JOINT FREQUENCIES AND OVERALL RELATIVE FREQUENCIES FOR SALEM

LOWER BOUNDS FOR INTERVALS OF DURATION (HOURS)	LOWER BOUNDS FOR INTERVALS OF MAXIMUM INTENSITY (INCHES PER HOUR X 100)										ROW TOTALS
	0	4	8	12	16	20	24	28	32	36 AND ABOVE	
0	1181 .3374	452 .1291	144 .0411	56 .0160	24 .0069	4 .0011	8 .0023	1 .0003	0 0.0000	3 .0009	1873 .5351
8	160 .0457	293 .0837	151 .0431	86 .0246	39 .0111	20 .0057	9 .0026	4 .0011	2 .0006	4 .0011	768 .2194
16	21 .0060	129 .0369	83 .0237	71 .0203	42 .0120	14 .0040	9 .0026	5 .0014	3 .0009	5 .0014	382 .1091
24	6 .0017	50 .0143	50 .0143	39 .0111	29 .0083	12 .0034	8 .0023	0 0.0000	1 .0003	0 0.0000	195 .0557
32	1 .0003	14 .0040	32 .0091	34 .0097	18 .0051	12 .0034	7 .0020	6 .0017	2 .0006	1 .0003	127 .0363
40	0 0.0000	4 .0011	9 .0026	15 .0043	16 .0046	5 .0014	3 .0009	5 .0014	2 .0006	2 .0006	61 .0174
48	1 .0003	0 0.0000	4 .0011	2 .0006	7 .0020	6 .0017	4 .0011	2 .0006	3 .0009	4 .0011	33 .0094
56	0 0.0000	0 0.0000	1 .0003	3 .0009	2 .0006	4 .0011	4 .0011	3 .0009	1 .0003	3 .0009	21 .0060
64	0 0.0000	0 0.0000	1 .0003	3 .0009	4 .0011	1 .0003	2 .0006	4 .0011	1 .0003	0 0.0000	16 .0046
72 AND ABOVE	0 0.0000	1 .0003	1 .0003	2 .0006	6 .0017	8 .0023	2 .0006	2 .0006	2 .0006	0 0.0000	24 .0069
COLUMN TOTALS	1370 .3914	943 .2694	476 .1360	311 .0889	187 .0534	86 .0246	56 .0160	32 .0091	17 .0049	22 .0063	

JOINT FREQUENCIES AND OVERALL RELATIVE FREQUENCIES FOR EUGENE

LOWER BOUNDS FOR INTERVALS OF DURATION (HOURS)	LOWER BOUNDS FOR INTERVALS OF MAXIMUM INTENSITY (INCHES PER HOUR X 100)										ROW TOTALS
	0	4	8	12	16	20	24	28	32	36 AND ABOVE	
0	1009 .3199	410 .1300	139 .0441	57 .0181	31 .0098	22 .0070	7 .0022	3 .0010	2 .0006	6 .0019	1686 .5346
8	98 .0311	226 .0717	162 .0514	90 .0285	60 .0190	30 .0095	16 .0051	10 .0032	8 .0025	6 .0019	706 .2238
16	17 .0054	76 .0241	77 .0244	53 .0168	43 .0136	22 .0070	15 .0048	13 .0041	6 .0019	9 .0029	331 .1049
24	3 .0010	21 .0067	37 .0117	36 .0114	21 .0067	18 .0057	15 .0048	8 .0025	4 .0013	6 .0019	169 .0536
32	0 0.0000	6 .0019	21 .0067	14 .0044	24 .0076	17 .0054	12 .0038	5 .0016	3 .0010	8 .0025	110 .0349
40	0 0.0000	1 .0003	5 .0016	9 .0029	15 .0048	7 .0022	7 .0022	2 .0006	3 .0010	4 .0013	53 .0168
48	0 0.0000	1 .0003	4 .0013	4 .0013	10 .0032	5 .0016	7 .0022	5 .0016	3 .0010	3 .0010	42 .0133
56	0 0.0000	1 .0003	0 0.0000	1 .0003	2 .0006	1 .0003	5 .0016	1 .0003	2 .0006	3 .0010	16 .0051
64	0 0.0000	0 0.0000	1 .0003	2 .0006	1 .0003	2 .0006	1 .0003	2 .0006	1 .0003	5 .0016	15 .0048
72 AND ABOVE	0 0.0000	0 0.0000	0 0.0000	4 .0013	2 .0006	5 .0016	5 .0016	2 .0006	1 .0003	7 .0022	26 .0082
COLUMN TOTALS	1127 .3573	742 .2353	446 .1414	270 .0856	209 .0663	129 .0409	90 .0285	51 .0162	33 .0105	57 .0181	

JOINT FREQUENCIES AND OVERALL RELATIVE FREQUENCIES FOR PORTLAND

LOWER BOUNDS FOR INTERVALS OF MAGNITUDE (INCHES X 100)	LOWER BOUNDS FOR INTERVALS OF MAXIMUM INTENSITY (INCHES PER HOUR X 100)										ROW TOTALS
	0	4	8	12	16	20	24	28	32	36 AND ABOVE	
0	1482 .4066	714 .1959	183 .0502	41 .0112	8 .0022	2 .0005	0 0.0000	0 0.0000	0 0.0000	0 0.0000	2430 .6667
25	7 .0019	208 .0571	231 .0634	117 .0321	39 .0107	16 .0044	7 .0019	7 .0019	0 0.0000	1 .0003	633 .1737
50	0 0.0000	30 .0082	80 .0219	62 .0170	32 .0088	17 .0047	4 .0011	0 0.0000	2 .0005	0 0.0000	227 .0623
75	0 0.0000	4 .0011	39 .0107	32 .0088	25 .0069	10 .0027	9 .0025	3 .0008	1 .0003	0 0.0000	123 .0337
100	0 0.0000	0 0.0000	17 .0047	31 .0085	15 .0041	13 .0036	5 .0014	1 .0003	2 .0005	0 0.0000	84 .0230
125	0 0.0000	1 .0003	6 .0016	16 .0044	11 .0030	5 .0014	6 .0016	3 .0008	0 0.0000	2 .0005	50 .0137
150	0 0.0000	0 0.0000	0 0.0000	11 .0030	6 .0016	13 .0036	3 .0008	4 .0011	1 .0003	0 0.0000	38 .0104
175	0 0.0000	0 0.0000	1 .0003	5 .0014	7 .0019	1 .0003	1 .0003	2 .0005	3 .0008	1 .0003	21 .0058
200	0 0.0000	0 0.0000	0 0.0000	1 .0003	1 .0003	1 .0003	2 .0005	1 .0003	2 .0005	0 0.0000	8 .0022
225 AND ABOVE	0 0.0000	0 0.0000	0 0.0000	5 .0014	5 .0014	8 .0022	4 .0011	5 .0014	3 .0008	1 .0003	31 .0085
COLUMN TOTALS	1489 .4085	957 .2626	557 .1528	321 .0881	149 .0409	86 .0236	41 .0112	26 .0071	14 .0038	5 .0014	

JOINT FREQUENCIES AND OVERALL RELATIVE FREQUENCIES FOR SALEM

LOWER BOUNDS FOR INTERVALS OF MAGNITUDE (INCHES X 100)	LOWER BOUNDS FOR INTERVALS OF MAXIMUM INTENSITY (INCHES PER HOUR X 100)										ROW TOTALS
	0	4	8	12	16	20	24	28	32	36 AND ABOVE	
0	1365 .3900	725 .2071	156 .0446	37 .0106	9 .0026	1 .0003	0 0.0000	0 0.0000	0 0.0000	0 0.0000	2293 .6551
25	3 .0009	189 .0540	186 .0531	96 .0274	42 .0120	9 .0026	8 .0023	0 0.0000	0 0.0000	1 .0003	534 .1526
50	2 .0006	23 .0066	78 .0223	77 .0220	32 .0091	13 .0037	12 .0034	2 .0006	0 0.0000	5 .0014	244 .0697
75	0 0.0000	5 .0014	33 .0094	43 .0123	32 .0091	23 .0066	6 .0017	3 .0009	0 0.0000	3 .0009	148 .0423
100	0 0.0000	1 .0003	16 .0046	28 .0080	16 .0046	7 .0020	5 .0014	2 .0006	2 .0006	0 0.0000	77 .0220
125	0 0.0000	0 0.0000	5 .0014	11 .0031	17 .0049	6 .0017	4 .0011	3 .0009	4 .0011	1 .0003	51 .0146
150	0 0.0000	0 0.0000	2 .0006	8 .0023	11 .0031	3 .0009	4 .0011	7 .0020	0 0.0000	3 .0009	38 .0109
175	0 0.0000	0 0.0000	0 0.0000	4 .0011	10 .0029	5 .0014	4 .0011	2 .0006	1 .0003	1 .0003	27 .0077
200	0 0.0000	0 0.0000	0 0.0000	6 .0017	2 .0006	8 .0023	3 .0009	2 .0006	3 .0009	1 .0003	25 .0071
225 AND ABOVE	0 0.0000	0 0.0000	0 0.0000	1 .0003	16 .0046	11 .0031	10 .0029	11 .0031	7 .0020	7 .0020	63 .0180
COLUMN TOTALS	1370 .3914	943 .2694	476 .1360	311 .0889	187 .0534	86 .0246	56 .0160	32 .0091	17 .0049	22 .0063	

JOINT FREQUENCIES AND OVERALL RELATIVE FREQUENCIES FOR EUGENE

LOWER BOUNDS FOR INTERVALS OF MAGNITUDE (INCHES X 100)	LOWER BOUNDS FOR INTERVALS OF MAXIMUM INTENSITY (INCHES PER HOUR X 100)										ROW TOTALS
	0	4	8	12	16	20	24	28	32	36 AND ABOVE	
0	1124 .3564	603 .1912	153 .0485	35 .0111	8 .0025	4 .0013	0 0.0000	0 0.0000	0 0.0000	0 0.0000	1927 .6110
25	3 .0010	117 .0371	190 .0602	93 .0295	54 .0171	23 .0073	8 .0025	3 .0010	0 0.0000	2 .0006	493 .1563
50	0 0.0000	18 .0057	76 .0241	72 .0228	37 .0117	20 .0063	9 .0029	6 .0019	3 .0010	4 .0013	245 .0777
75	0 0.0000	4 .0013	20 .0063	25 .0079	34 .0108	25 .0079	12 .0038	4 .0013	6 .0019	1 .0003	131 .0415
100	0 0.0000	0 0.0000	5 .0016	21 .0067	35 .0111	14 .0044	13 .0041	9 .0029	3 .0010	2 .0006	102 .0323
125	0 0.0000	0 0.0000	0 0.0000	9 .0029	16 .0051	14 .0044	9 .0029	3 .0010	3 .0010	4 .0013	58 .0184
150	0 0.0000	0 0.0000	0 0.0000	3 .0010	11 .0035	5 .0016	5 .0016	4 .0013	4 .0013	3 .0010	35 .0111
175	0 0.0000	0 0.0000	2 .0006	5 .0016	5 .0016	6 .0019	10 .0032	7 .0022	2 .0006	4 .0013	41 .0130
200	0 0.0000	0 0.0000	0 0.0000	2 .0006	3 .0010	4 .0013	3 .0010	0 0.0000	1 .0003	5 .0016	18 .0057
225 AND ABOVE	0 0.0000	0 0.0000	0 0.0000	5 .0016	6 .0019	14 .0044	21 .0067	15 .0048	11 .0035	32 .0101	104 .0330
COLUMN TOTALS	1127 .3573	742 .2353	446 .1414	270 .0856	209 .0663	129 .0409	90 .0285	51 .0162	33 .0105	57 .0181	



## APPENDIX E

### Conditional Distributions

The conditional distributions of three combinations of precipitation event characteristics at three sites (Portland, Salem, and Eugene, Oregon) are presented in this appendix. The distributions are given in the form of quantiles that are listed in individual tables for each pair of characteristics. The three combinations of characteristics included are (1) average intensity given duration; (2) maximum intensity given duration; and (3) maximum intensity given magnitude. The tables of distributions are organized according to the characteristic, with separate tables for each site. An index listing the location of each table is given in the table of contents for the appendices (p. 79).

CONDITIONAL DISTRIBUTIONS OF AVERAGE INTENSITY, CONDITIONED ON DURATION, AT PORTLAND

AVERAGE INTENSITY QUANTILES (IN/HR X 100)

DURATION (HOURS) INTERVAL START	INTERVAL END	N	MINIMUM	.25-TH	MEDIAN	.75-TH	.80-TH	.85-TH	.90-TH	.95-TH	.99-TH	MAXIMUM
1.00	1.00	682	1.00	1.00	1.00	2.00	2.00	3.00	4.00	5.85	11.17	28.00
2.00	2.00	342	1.00	1.00	2.00	3.00	4.00	4.50	5.00	7.00	12.79	19.00
3.00	3.00	204	.67	1.00	1.67	3.00	3.33	4.00	5.00	6.58	9.98	15.00
4.00	4.00	207	.50	1.25	2.00	3.25	3.75	4.25	4.75	5.75	10.65	17.25
5.00	5.00	179	.40	1.00	1.80	3.40	4.00	4.60	5.40	6.40	10.24	10.40
6.00	6.00	188	.33	.83	1.67	3.00	3.37	3.83	4.52	6.02	7.55	8.00
7.00	7.00	189	.29	1.00	1.71	3.00	3.43	3.79	4.43	5.79	8.44	8.57
8.00	8.00	140	.38	1.03	2.06	3.38	3.73	4.25	4.86	5.50	10.94	13.25
9.00	9.00	136	.33	1.33	1.89	3.75	3.96	4.38	5.14	5.92	8.07	8.11
10.00	10.00	113	.40	1.40	2.10	3.20	3.94	4.58	5.16	6.80	10.61	11.00
11.00	11.00	104	.36	1.20	1.95	3.09	3.55	3.84	4.27	5.64	10.37	10.45
12.00	12.00	98	.33	1.23	2.17	3.85	4.25	4.75	5.43	6.09	9.33	9.33
13.00	13.00	74	.38	1.08	1.88	3.25	3.77	4.46	5.38	6.83	8.31	8.31
14.00	14.00	94	.36	1.27	2.00	2.86	3.21	3.29	4.07	5.05	14.21	14.21
15.00	15.00	82	.27	1.43	1.93	3.10	3.73	4.87	5.21	6.90	9.80	9.80
16.00	16.00	70	.44	1.44	2.16	3.20	3.73	4.43	5.67	7.79	11.69	11.69
17.00	17.00	52	.41	1.29	2.03	2.51	3.02	3.30	3.84	6.21	9.53	9.53
18.00	18.00	57	.56	1.75	2.56	3.78	4.07	4.64	4.97	5.90	10.61	10.61
19.00	19.00	52	.58	1.38	2.08	3.14	3.49	3.98	4.68	5.02	5.26	5.26
20.00	20.00	48	.55	1.48	2.28	4.03	4.53	5.09	5.49	7.41	12.20	12.20
21.00	21.00	43	.76	1.43	2.10	3.86	6.06	6.56	6.85	8.08	9.81	9.81
22.00	22.00	27	.59	1.32	1.86	3.09	3.90	4.16	4.67	6.62	7.45	7.45
23.00	23.00	50	.61	1.60	2.33	3.13	3.47	4.06	4.53	5.53	8.74	8.74
24.00	24.00	41	.63	1.54	2.04	3.08	3.63	4.01	4.40	5.25	6.96	6.96
25.00	25.00	24	.88	1.55	2.06	3.37	4.04	5.53	6.38	7.23	7.40	7.40
26.00	26.00	32	.88	1.88	2.83	3.96	4.15	5.32	6.16	7.91	9.23	9.23
27.00	27.00	20	.56	1.89	2.70	3.62	4.02	4.46	5.32	9.66	9.89	9.89
28.00	28.00	22	1.00	1.21	1.93	2.95	3.46	4.37	4.97	5.46	5.54	5.54
29.00	29.00	27	1.03	1.72	2.69	3.55	3.74	4.10	4.62	5.88	6.17	6.17
30.00	30.00	15	1.30	1.37	2.63	3.60	3.89	4.13	4.91	5.93	5.93	5.93
31.00	31.00	12	.77	.97	1.87	2.84	3.12	3.28	4.44	4.97	4.97	4.97
32.00	32.00	23	.97	2.19	3.03	3.38	3.83	5.18	5.36	5.99	6.13	6.13
33.00	33.00	16	.94	1.64	2.12	3.54	3.69	3.97	4.22	4.30	4.30	4.30
34.00	34.00	16	.62	1.71	2.59	3.24	3.60	4.04	4.44	4.76	4.76	4.76
35.00	35.00	14	1.03	2.66	3.11	3.64	3.69	4.03	6.10	8.06	8.06	8.06
36.00	36.00	14	.58	2.52	3.31	4.12	4.22	4.45	5.72	6.92	6.92	6.92
37.00	37.00	11	.81	1.38	2.51	3.38	3.82	4.65	6.29	6.84	6.84	6.84
38.00	38.00	10	1.11	2.00	3.30	4.21	4.62	5.53	6.73	6.95	6.95	6.95
39.00	39.00	11	1.03	1.54	2.49	3.97	4.31	4.54	4.56	4.56	4.56	4.56
40.00	41.00	10	1.55	2.55	2.79	4.36	4.44	5.07	6.00	6.17	6.17	6.17
42.00	43.00	12	.70	1.86	2.57	3.94	4.35	4.86	5.58	5.90	5.90	5.90
44.00	45.00	12	.67	1.54	3.05	4.63	5.11	5.39	7.22	8.07	8.07	8.07
46.00	47.00	11	1.64	2.09	2.24	4.04	4.34	4.86	5.84	6.17	6.17	6.17
48.00	51.00	16	1.49	2.18	3.28	4.37	4.59	4.66	5.00	5.73	5.73	5.73
52.00	53.00	10	1.15	2.33	2.80	3.38	3.63	4.18	4.91	5.04	5.04	5.04
54.00	56.00	10	1.85	2.24	3.21	4.05	4.72	5.69	6.83	7.04	7.04	7.04
57.00	69.00	12	1.35	2.51	2.94	3.99	4.59	5.25	5.49	5.61	5.61	5.61
70.00	99.00	10	1.01	2.20	2.94	3.73	3.74	4.27	5.08	5.22	5.22	5.22
110.00	115.00	3	2.98	2.98	3.81	4.73	4.73	4.73	4.73	4.73	4.73	4.73

CONDITIONAL DISTRIBUTIONS OF AVERAGE INTENSITY, CONDITIONED ON DURATION, AT SALEM

DURATION (HOURS)		AVERAGE INTENSITY QUANTILES (IN/HR X 100)										
INTERVAL START	INTERVAL END	N	MINIMUM	.25-TH	MEDIAN	.75-TH	.80-TH	.85-TH	.90-TH	.95-TH	.99-TH	MAXIMUM
1.00	1.00	639	1.00	1.00	1.00	2.00	2.00	3.00	4.00	5.00	12.00	18.00
2.00	2.00	318	1.00	1.00	1.50	2.63	3.00	3.50	4.55	7.02	11.31	14.00
3.00	3.00	189	.67	1.33	2.00	3.33	3.67	4.33	5.00	6.67	15.70	19.00
4.00	4.00	206	.50	1.25	2.25	3.56	4.00	4.50	5.75	7.25	11.93	18.00
5.00	5.00	185	.40	1.20	2.20	3.60	4.00	4.40	4.80	6.08	8.20	8.20
6.00	6.00	170	.33	1.17	1.92	3.17	3.67	4.23	5.12	6.73	12.46	13.17
7.00	7.00	166	.29	.86	1.71	2.71	3.09	3.71	4.33	5.66	8.33	8.71
8.00	8.00	152	.38	1.13	1.94	3.13	3.25	3.88	4.25	5.59	8.80	9.00
9.00	9.00	120	.44	1.11	2.00	3.00	3.56	4.19	4.67	5.99	13.68	13.89
10.00	10.00	111	.30	1.30	2.20	3.40	3.80	4.34	5.10	6.22	8.60	8.60
11.00	11.00	84	.27	1.09	1.82	3.18	3.36	3.98	4.82	5.80	9.09	9.09
12.00	12.00	79	.42	1.17	2.08	3.33	3.58	4.00	4.83	7.17	7.92	7.92
13.00	13.00	73	.46	1.15	1.77	2.88	3.48	3.75	4.86	7.35	12.62	12.62
14.00	14.00	86	.43	1.21	2.00	4.16	4.44	4.99	5.36	5.62	16.43	16.43
15.00	15.00	63	.40	1.73	2.53	3.87	4.09	4.56	5.93	6.69	12.40	12.40
16.00	16.00	69	.38	1.31	2.25	3.38	4.00	4.59	5.25	7.13	8.63	8.63
17.00	17.00	55	.59	1.47	2.24	3.35	4.20	4.72	4.98	5.62	7.94	7.94
18.00	18.00	54	1.00	1.49	2.50	4.28	4.56	5.29	5.86	8.04	9.22	9.22
19.00	19.00	43	.37	1.26	2.42	3.63	3.89	4.26	5.04	7.04	7.68	7.68
20.00	20.00	41	.80	1.45	2.50	3.43	3.78	4.18	4.77	7.19	7.85	7.85
21.00	21.00	44	.57	1.44	2.17	2.99	3.71	4.00	4.81	5.79	8.19	8.19
22.00	22.00	35	.59	1.55	2.95	3.95	4.44	4.59	4.75	5.82	9.09	9.09
23.00	23.00	41	.78	1.43	2.30	3.48	3.80	4.05	4.71	5.38	7.04	7.04
24.00	24.00	23	.79	1.42	2.83	4.25	5.04	5.24	5.54	7.77	8.33	8.33
25.00	25.00	35	.96	1.60	2.12	3.00	3.55	3.91	4.81	6.23	6.36	6.36
26.00	26.00	30	.69	1.43	1.98	2.63	2.68	2.98	3.38	7.38	8.46	8.46
27.00	27.00	30	.63	1.44	2.26	3.37	3.89	4.81	5.27	7.54	7.70	7.70
28.00	28.00	24	.71	1.36	2.07	2.76	3.00	3.54	3.71	7.42	8.64	8.64
29.00	29.00	24	1.07	1.84	2.69	4.60	5.03	5.43	6.16	6.49	6.59	6.59
30.00	30.00	19	.97	1.37	2.67	3.13	3.63	3.67	4.10	5.87	5.87	5.87
31.00	31.00	10	1.23	1.70	3.40	5.07	5.73	6.52	7.39	7.55	7.55	7.55
32.00	32.00	21	.53	1.48	2.00	3.44	3.79	4.54	5.16	7.11	7.31	7.31
33.00	33.00	21	1.15	2.11	3.55	4.32	4.70	5.11	6.20	7.19	7.27	7.27
34.00	34.00	12	1.50	1.99	2.59	3.22	4.46	6.37	7.39	7.85	7.85	7.85
35.00	35.00	16	1.49	1.83	2.94	4.35	4.49	4.66	4.81	4.89	4.89	4.89
36.00	36.00	17	.89	2.18	3.03	3.88	4.03	4.25	4.52	5.61	5.61	5.61
37.00	37.00	16	.89	2.40	3.05	4.13	4.54	5.12	6.05	7.19	7.19	7.19
38.00	38.00	13	1.26	2.12	2.76	3.78	3.87	3.98	5.50	6.50	6.50	6.50
39.00	39.00	11	1.08	1.95	2.97	4.36	4.61	4.95	5.49	5.67	5.67	5.67
40.00	41.00	16	1.23	1.84	3.31	5.34	5.71	6.16	7.25	8.54	8.54	8.54
42.00	43.00	14	1.43	2.13	2.92	4.74	4.81	5.09	5.28	5.38	5.38	5.38
44.00	45.00	11	1.16	1.91	3.31	4.14	5.16	6.04	6.63	6.82	6.82	6.82
46.00	46.00	11	1.70	2.20	3.04	4.13	4.43	4.64	4.68	4.70	4.70	4.70
47.00	48.00	15	1.15	2.54	2.98	4.77	5.32	5.47	6.00	6.79	6.79	6.79
49.00	50.00	12	.86	1.97	3.91	5.71	7.14	9.06	9.38	9.52	9.52	9.52
51.00	54.00	12	1.65	2.61	3.15	4.44	4.83	5.05	5.14	5.19	5.19	5.19
55.00	57.00	11	2.39	3.00	3.61	4.25	4.29	4.52	5.12	5.32	5.32	5.32
58.00	62.00	12	2.03	3.54	4.83	6.98	7.63	8.34	8.57	8.67	8.67	8.67
63.00	67.00	10	2.24	2.75	3.19	3.99	3.99	4.03	4.14	4.28	4.31	4.31
68.00	73.00	11	1.79	2.35	2.96	5.58	5.67	6.26	7.83	8.35	8.35	8.35

CONDITIONAL DISTRIBUTIONS OF AVERAGE INTENSITY, CONDITIONED ON DURATION, AT SALEM (CONT.)

DURATION (HOURS)		AVERAGE INTENSITY QUANTILES (IN/HR X 100)										
INTERVAL START	INTERVAL END	N	MINIMUM	.25-TH	MEDIAN	.75-TH	.80-TH	.85-TH	.90-TH	.95-TH	.99-TH	MAXIMUM
74.00	87.00	10	1.40	2.09	2.93	3.78	3.83	3.97	4.17	4.20	4.20	4.20
90.00	171.00	10	3.37	3.45	4.01	4.55	4.72	4.93	5.18	5.22	5.22	5.22

CONDITIONAL DISTRIBUTIONS OF AVERAGE INTENSITY, CONDITIONED ON DURATION, AT EUGENE

DURATION (HOURS)		AVERAGE INTENSITY QUANTILES (IN/HR X 100)										
INTERVAL START	INTERVAL END	N	MINIMUM	.25-TH	MEDIAN	.75-TH	.80-TH	.85-TH	.90-TH	.95-TH	.99-TH	MAXIMUM
1.00	1.00	520	1.00	1.00	1.00	2.00	2.00	3.00	4.00	5.00	10.00	18.00
2.00	2.00	320	1.00	1.00	2.00	3.00	3.50	4.00	5.00	7.47	13.90	17.00
3.00	3.00	217	.67	1.33	2.33	4.00	4.33	5.33	6.00	8.00	13.21	16.00
4.00	4.00	203	.50	1.25	2.25	3.50	4.25	5.00	6.60	9.00	12.20	14.50
5.00	5.00	150	.40	1.00	2.00	3.70	4.56	5.20	6.38	7.69	13.76	15.60
6.00	6.00	132	.33	.83	2.17	3.67	4.07	4.51	5.62	7.95	15.62	17.00
7.00	7.00	144	.29	1.00	2.14	3.79	4.57	5.43	6.64	9.61	15.84	18.29
8.00	8.00	140	.38	1.25	2.00	4.13	4.50	5.11	5.75	7.11	12.71	14.25
9.00	9.00	106	.33	1.33	2.33	4.03	4.62	5.22	6.48	9.08	12.73	12.89
10.00	10.00	88	.40	1.23	2.85	4.78	5.28	6.40	7.13	8.24	13.80	13.80
11.00	11.00	94	.36	1.48	2.36	4.11	4.73	5.16	6.82	9.41	17.55	17.55
12.00	12.00	75	.33	1.42	2.08	3.75	4.22	5.05	5.87	8.23	13.00	13.00
13.00	13.00	64	.23	1.62	2.54	3.85	4.38	4.94	5.69	6.77	11.85	11.85
14.00	14.00	65	.36	1.79	2.93	4.25	4.77	5.82	6.84	7.96	11.64	11.64
15.00	15.00	74	.73	1.85	2.83	4.13	4.67	4.98	6.63	7.67	12.67	12.67
16.00	16.00	50	.69	1.50	2.78	4.47	5.23	5.58	6.02	7.48	8.06	8.06
17.00	17.00	51	.71	1.35	2.35	4.18	5.31	6.09	6.85	10.20	17.59	17.59
18.00	18.00	52	.61	1.56	2.28	3.97	4.92	5.43	6.38	8.46	12.00	12.00
19.00	19.00	38	.47	1.57	2.95	4.55	4.84	5.50	5.97	7.23	7.53	7.53
20.00	20.00	39	.55	1.45	2.25	3.75	4.20	4.45	4.75	6.10	6.50	6.50
21.00	21.00	37	.81	1.88	2.57	3.90	4.81	5.18	7.56	11.92	14.24	14.24
22.00	22.00	36	.82	1.50	2.36	3.53	3.98	4.13	4.91	5.83	6.18	6.18
23.00	23.00	28	1.57	2.21	3.30	5.22	5.59	5.70	6.29	7.71	8.00	8.00
24.00	24.00	26	.83	2.05	2.65	3.77	4.16	5.79	6.17	9.14	10.63	10.63
25.00	25.00	21	.64	1.64	3.00	5.50	6.00	6.92	9.71	12.70	12.96	12.96
26.00	26.00	32	1.00	1.95	2.98	4.17	4.90	5.48	5.88	9.48	11.81	11.81
27.00	27.00	27	1.00	2.15	3.44	4.52	5.33	6.34	7.56	11.16	11.19	11.19
28.00	28.00	12	1.64	1.91	2.96	4.53	4.69	4.91	6.05	6.57	6.57	6.57
29.00	29.00	19	.93	2.28	3.62	4.55	6.28	7.24	8.10	9.52	9.52	9.52
30.00	30.00	13	1.20	1.67	3.40	4.85	5.29	5.47	5.92	6.20	6.20	6.20
31.00	31.00	19	1.06	1.94	2.84	5.97	6.35	7.03	8.58	13.00	13.00	13.00
32.00	32.00	15	1.59	2.00	3.16	4.72	5.49	5.78	6.79	8.22	8.22	8.22
33.00	33.00	21	1.42	2.14	4.03	5.53	5.70	7.62	9.49	11.67	11.88	11.88
34.00	34.00	15	1.97	3.15	3.65	4.85	6.66	7.75	8.96	10.15	10.15	10.15
35.00	35.00	14	1.69	2.25	3.97	6.49	7.26	8.50	8.94	8.97	8.97	8.97
36.00	36.00	14	1.17	2.51	3.44	5.74	6.72	8.20	8.88	9.06	9.06	9.06
37.00	38.00	21	1.00	2.01	3.03	4.93	5.51	5.86	6.10	7.25	7.37	7.37
39.00	39.00	10	1.38	2.73	3.79	5.44	6.98	8.67	10.45	10.77	10.77	10.77
40.00	41.00	13	1.75	3.23	4.90	5.84	6.16	6.22	7.52	8.38	8.38	8.38
42.00	42.00	11	1.64	2.38	3.10	4.74	4.78	4.94	5.32	5.45	5.45	5.45
43.00	44.00	12	2.00	2.17	2.56	4.17	4.46	4.66	6.58	7.47	7.47	7.47
45.00	46.00	13	1.98	2.43	3.98	5.41	7.07	9.06	11.93	13.65	13.65	13.65
47.00	48.00	12	2.52	2.81	4.41	6.14	6.65	6.79	6.82	6.83	6.83	6.83
49.00	51.00	13	1.90	3.03	4.69	5.56	5.79	5.96	6.13	6.22	6.22	6.22
52.00	53.00	11	1.50	3.00	3.42	4.30	4.45	5.02	6.45	6.92	6.92	6.92
54.00	55.00	10	1.54	2.77	4.36	6.65	10.89	12.47	12.52	12.53	12.53	12.53
56.00	59.00	11	1.64	3.34	4.34	5.14	5.74	6.26	6.61	6.73	6.73	6.73
60.00	67.00	11	2.42	3.52	3.92	6.14	6.60	7.54	9.43	10.06	10.06	10.06
68.00	72.00	11	2.51	3.15	4.13	5.99	6.26	7.04	8.81	9.41	9.41	9.41
77.00	81.00	10	2.09	3.72	5.44	7.58	7.74	8.04	8.43	8.50	8.50	8.50

CONDITIONAL DISTRIBUTIONS OF AVERAGE INTENSITY, CONDITIONED ON DURATION, AT EUGENE (CONT.)

DURATION (HOURS)		AVERAGE INTENSITY QUANTILES (IN/HR X 100)										
INTERVAL START	INTERVAL END	N	MINIMUM	.25-TH	MEDIAN	.75-TH	.80-TH	.85-TH	.90-TH	.95-TH	.99-TH	MAXIMUM
82.00	105.00	10	2.55	3.56	4.33	5.71	6.89	7.47	7.71	7.75	7.75	7.75
110.00	167.00	4	2.23	2.46	5.24	7.83	7.99	7.99	7.99	7.99	7.99	7.99

CONDITIONAL DISTRIBUTIONS OF MAXIMUM INTENSITY, CONDITIONED ON DURATION, AT PORTLAND

DURATION (HOURS)		N	MAXIMUM INTENSITY QUANTILES (IN/HR X 100)									
INTERVAL START	INTERVAL END		MINIMUM	.25-TH	MEDIAN	.75-TH	.80-TH	.85-TH	.90-TH	.95-TH	.99-TH	MAXIMUM
1.00	1.00	682	1.00	1.00	1.00	2.00	2.00	3.00	4.00	5.85	11.17	28.00
2.00	2.00	342	1.00	1.00	2.00	5.00	5.00	6.00	8.00	11.00	19.00	30.00
3.00	3.00	204	1.00	2.00	3.00	5.00	6.00	7.00	8.00	11.75	20.95	30.00
4.00	4.00	207	1.00	2.00	3.00	7.00	8.00	8.80	10.20	13.00	28.92	34.00
5.00	5.00	179	1.00	2.00	4.00	8.00	9.00	10.00	12.00	15.00	20.20	21.00
6.00	6.00	188	1.00	2.00	4.00	7.00	8.00	8.65	10.00	13.55	24.00	24.00
7.00	7.00	189	1.00	3.00	5.00	8.00	9.00	10.50	12.00	16.50	22.80	39.00
8.00	8.00	140	1.00	3.00	6.00	10.00	11.00	12.00	13.90	17.95	26.59	27.00
9.00	9.00	136	1.00	4.00	6.00	10.00	11.00	12.00	14.00	15.15	20.63	21.00
10.00	10.00	113	1.00	4.00	7.00	11.00	12.00	13.00	15.60	18.30	27.58	28.00
11.00	11.00	104	1.00	4.00	6.00	9.00	10.00	10.00	14.00	18.50	25.75	26.00
12.00	12.00	98	1.00	5.00	8.00	12.25	14.00	15.00	16.20	21.05	33.00	33.00
13.00	13.00	74	1.00	3.75	6.00	10.25	11.00	12.00	15.50	21.00	25.00	25.00
14.00	14.00	94	1.00	5.00	7.00	10.00	12.00	13.00	15.00	20.00	32.00	32.00
15.00	15.00	82	1.00	5.00	8.00	12.25	14.40	16.55	20.70	26.55	62.00	62.00
16.00	16.00	70	2.00	5.00	8.50	12.00	14.00	15.35	17.90	29.35	40.00	40.00
17.00	17.00	52	1.00	6.00	9.00	12.00	13.40	15.05	16.00	17.35	30.00	30.00
18.00	18.00	57	3.00	7.00	10.00	13.00	14.40	15.00	22.00	32.10	34.00	34.00
19.00	19.00	52	2.00	5.00	8.00	13.00	15.00	16.05	17.00	18.35	20.00	20.00
20.00	20.00	48	2.00	6.00	9.00	12.75	14.20	16.65	18.20	21.65	25.00	25.00
21.00	21.00	43	4.00	6.00	8.00	14.00	14.20	16.40	21.00	26.80	35.00	35.00
22.00	22.00	27	2.00	4.00	9.00	17.00	17.00	17.80	18.20	19.60	20.00	20.00
23.00	23.00	50	3.00	7.00	9.50	13.25	16.00	18.00	20.90	23.45	27.00	27.00
24.00	24.00	41	2.00	6.50	9.00	12.50	13.60	15.00	16.80	25.40	27.00	27.00
25.00	25.00	24	5.00	6.25	9.50	17.50	20.00	21.25	25.00	27.25	28.00	28.00
26.00	26.00	32	3.00	7.25	13.00	15.75	18.40	23.10	26.40	30.00	30.00	30.00
27.00	27.00	20	2.00	11.00	13.00	18.25	19.80	22.55	25.70	31.70	32.00	32.00
28.00	28.00	22	6.00	8.75	11.00	16.00	16.40	17.00	17.70	18.00	18.00	18.00
29.00	29.00	27	3.00	8.00	12.00	19.00	19.40	20.00	20.20	25.80	29.00	29.00
30.00	30.00	15	4.00	6.00	11.00	16.00	16.00	19.00	25.00	31.00	31.00	31.00
31.00	31.00	12	4.00	5.25	6.00	16.75	17.40	18.05	18.70	19.00	19.00	19.00
32.00	32.00	23	4.00	8.00	11.00	17.00	19.40	21.00	23.40	26.60	27.00	27.00
33.00	33.00	16	5.00	7.75	10.50	13.00	14.80	16.00	18.40	24.00	24.00	24.00
34.00	34.00	16	3.00	7.25	12.00	16.75	17.00	18.80	21.30	22.00	22.00	22.00
35.00	35.00	14	4.00	10.00	17.00	23.50	25.00	28.00	32.00	35.00	35.00	35.00
36.00	36.00	14	2.00	12.00	16.50	25.75	28.00	32.50	62.00	90.00	90.00	90.00
37.00	37.00	11	6.00	7.00	13.00	16.00	19.00	21.40	22.60	23.00	23.00	23.00
38.00	38.00	10	9.00	11.00	12.50	17.75	19.40	23.85	29.90	31.00	31.00	31.00
39.00	39.00	11	5.00	8.00	12.00	21.00	21.60	22.60	24.40	25.00	25.00	25.00
40.00	41.00	10	6.00	8.00	10.00	17.25	22.20	24.00	24.00	24.00	24.00	24.00
42.00	43.00	12	2.00	10.50	15.50	21.00	25.40	32.10	33.40	34.00	34.00	34.00
44.00	45.00	12	5.00	8.00	12.50	14.75	17.00	20.50	27.00	30.00	30.00	30.00
46.00	47.00	11	6.00	9.00	18.00	21.00	23.40	25.80	28.20	29.00	29.00	29.00
48.00	51.00	16	9.00	10.00	13.50	21.25	23.80	25.00	25.60	27.00	27.00	27.00
52.00	53.00	10	6.00	9.75	13.00	18.50	19.60	20.35	20.90	21.00	21.00	21.00
54.00	56.00	10	10.00	13.00	17.00	26.50	27.60	28.35	28.90	29.00	29.00	29.00
57.00	69.00	12	14.00	17.50	22.00	28.00	30.60	33.25	36.50	38.00	38.00	38.00
70.00	99.00	10	5.00	15.50	17.50	23.75	25.40	26.70	27.80	28.00	28.00	28.00
110.00	115.00	3	14.00	14.00	21.00	23.00	23.00	23.00	23.00	23.00	23.00	23.00

CONDITIONAL DISTRIBUTIONS OF MAXIMUM INTENSITY, CONDITIONED ON DURATION, AT SALEM

DURATION (HOURS)		MAXIMUM INTENSITY QUANTILES (IN/HR X 100)										
INTERVAL START	INTERVAL END	N	MINIMUM	.25--TH	MEDIAN	.75--TH	.80--TH	.85--TH	.90--TH	.95--TH	.99--TH	MAXIMUM
1.00	1.00	639	1.00	1.00	1.00	2.00	2.00	3.00	4.00	5.00	12.00	18.00
2.00	2.00	318	1.00	1.00	2.00	4.00	5.00	5.00	7.00	9.05	14.81	26.00
3.00	3.00	189	1.00	2.00	3.00	5.00	6.00	8.00	10.00	14.00	28.90	46.00
4.00	4.00	206	1.00	2.00	4.00	7.00	8.00	9.00	10.30	14.00	26.93	41.00
5.00	5.00	185	1.00	2.00	4.00	7.00	8.00	9.00	11.00	14.00	17.14	18.00
6.00	6.00	170	1.00	3.00	5.00	7.25	9.00	10.00	11.00	16.45	26.87	29.00
7.00	7.00	166	1.00	2.00	4.00	7.00	8.00	10.00	11.00	16.30	27.96	36.00
8.00	8.00	152	1.00	3.00	5.00	8.00	10.00	12.00	14.40	17.35	24.94	26.00
9.00	9.00	120	1.00	4.00	6.00	9.00	9.80	10.85	14.90	21.85	34.11	36.00
10.00	10.00	111	1.00	4.00	7.00	10.00	12.00	13.00	14.80	18.20	25.76	26.00
11.00	11.00	84	1.00	3.00	6.00	10.00	11.00	13.00	15.50	21.00	29.00	29.00
12.00	12.00	79	1.00	4.00	7.00	11.00	12.00	14.00	15.00	17.00	28.00	28.00
13.00	13.00	73	2.00	4.00	6.00	11.00	13.00	14.00	15.60	20.90	38.00	38.00
14.00	14.00	86	1.00	4.75	7.00	12.25	14.00	15.00	16.00	21.30	46.00	46.00
15.00	15.00	63	2.00	5.00	9.00	15.00	16.40	18.00	23.60	28.20	37.00	37.00
16.00	16.00	69	1.00	5.00	7.00	12.00	14.00	15.00	20.00	29.00	37.00	37.00
17.00	17.00	55	2.00	5.00	8.00	12.00	13.00	15.00	17.40	20.20	25.00	25.00
18.00	18.00	54	3.00	6.75	12.50	17.00	18.00	19.75	21.50	24.00	26.00	26.00
19.00	19.00	43	2.00	5.00	8.00	14.00	15.20	16.40	18.20	21.80	31.00	31.00
20.00	20.00	41	3.00	5.00	8.00	13.00	13.60	16.40	27.40	40.80	46.00	46.00
21.00	21.00	44	3.00	5.25	9.00	13.50	17.00	19.25	24.50	35.00	42.00	42.00
22.00	22.00	35	2.00	6.00	11.00	17.00	18.00	18.60	20.00	23.80	35.00	35.00
23.00	23.00	41	3.00	7.00	12.00	15.50	16.60	17.70	18.00	19.00	30.00	30.00
24.00	24.00	23	4.00	7.00	12.00	16.00	17.20	18.40	22.00	25.60	26.00	26.00
25.00	25.00	35	3.00	7.00	11.00	15.00	15.00	16.80	19.00	20.00	20.00	20.00
26.00	26.00	30	2.00	6.00	9.00	12.25	13.80	16.70	21.60	28.50	34.00	34.00
27.00	27.00	30	2.00	7.75	10.50	19.25	20.80	22.35	23.90	24.45	25.00	25.00
28.00	28.00	24	3.00	6.00	9.00	12.75	15.00	15.75	18.50	21.25	22.00	22.00
29.00	29.00	24	4.00	9.00	13.00	18.00	18.00	18.25	19.50	23.75	25.00	25.00
30.00	30.00	19	4.00	7.00	9.00	15.00	17.00	17.00	18.00	20.00	20.00	20.00
31.00	31.00	10	5.00	7.75	17.50	20.25	20.80	22.05	23.70	24.00	24.00	24.00
32.00	32.00	21	3.00	6.00	11.00	19.50	21.20	22.00	25.20	34.10	35.00	35.00
33.00	33.00	21	4.00	10.50	15.00	18.00	19.00	19.70	26.40	29.80	30.00	30.00
34.00	34.00	12	5.00	11.25	14.50	24.25	26.40	27.00	27.00	27.00	27.00	27.00
35.00	35.00	16	5.00	10.25	15.00	20.00	22.40	24.90	32.90	49.00	49.00	49.00
36.00	36.00	17	7.00	10.00	14.00	21.00	24.60	30.00	30.80	34.00	34.00	34.00
37.00	37.00	16	6.00	9.25	12.00	17.50	19.20	20.00	22.40	28.00	28.00	28.00
38.00	38.00	13	6.00	9.50	14.00	17.50	18.40	19.80	21.20	22.00	22.00	22.00
39.00	39.00	11	5.00	9.00	13.00	14.00	21.80	27.40	28.60	29.00	29.00	29.00
40.00	41.00	16	7.00	12.50	17.50	22.50	26.00	28.00	29.80	34.00	34.00	34.00
42.00	43.00	14	10.00	12.75	14.50	20.50	22.00	26.50	32.00	36.00	36.00	36.00
44.00	45.00	11	6.00	7.00	16.00	24.00	27.00	29.60	31.40	32.00	32.00	32.00
46.00	46.00	11	10.00	10.00	15.00	18.00	20.40	23.00	26.00	27.00	27.00	27.00
47.00	48.00	15	3.00	15.00	18.00	27.00	29.40	31.80	38.20	46.00	46.00	46.00
49.00	50.00	12	8.00	13.25	26.00	36.50	37.40	38.40	43.60	46.00	46.00	46.00
51.00	54.00	12	10.00	16.00	20.50	24.50	26.20	28.50	35.00	38.00	38.00	38.00
55.00	57.00	11	12.00	15.00	21.00	27.00	27.60	30.00	36.00	38.00	38.00	38.00
58.00	62.00	12	9.00	20.00	27.00	31.25	33.60	36.20	38.80	40.00	40.00	40.00
63.00	67.00	10	13.00	15.75	17.50	25.00	27.20	28.35	28.90	29.00	29.00	29.00
68.00	73.00	11	10.00	15.00	23.00	30.00	30.60	31.60	33.40	34.00	34.00	34.00



CONDITIONAL DISTRIBUTIONS OF MAXIMUM INTENSITY, CONDITIONED ON DURATION, AT SALEM (CONT.)

DURATION (HOURS)		N	MAXIMUM INTENSITY QUANTILES (IN X 100)									
INTERVAL START	INTERVAL END		MINIMUM	.25-TH	MEDIAN	.75-TH	.80-TH	.85-TH	.90-TH	.95-TH	.99-TH	MAXIMUM
74.00	87.00	10	6.00	11.25	18.50	22.50	23.60	25.75	28.50	29.00	29.00	29.00
90.00	171.00	10	17.00	19.00	22.00	29.50	32.80	34.35	34.90	35.00	35.00	35.00

CONDITIONAL DISTRIBUTIONS OF MAXIMUM INTENSITY, CONDITIONED ON DURATION, AT EUGENE

DURATION (HOURS)		MAXIMUM INTENSITY QUANTILES (IN/HR X 100)										
INTERVAL START	INTERVAL END	N	MINIMUM	.25-TH	MEDIAN	.75-TH	.80-TH	.85-TH	.90-TH	.95-TH	.99-TH	MAXIMUM
1.00	1.00	520	1.00	1.00	1.00	2.00	2.00	3.00	4.00	5.00	10.00	18.00
2.00	2.00	320	1.00	1.00	2.00	4.00	5.00	6.00	7.00	12.00	21.79	26.00
3.00	3.00	217	1.00	2.00	4.00	6.00	7.40	8.30	11.00	14.00	21.64	24.00
4.00	4.00	203	1.00	2.00	4.00	7.00	9.00	10.00	12.00	20.00	40.92	44.00
5.00	5.00	150	1.00	2.00	4.00	9.00	9.00	11.35	14.80	18.00	35.98	37.00
6.00	6.00	132	1.00	2.00	5.00	8.00	10.00	11.00	14.70	17.05	33.03	36.00
7.00	7.00	144	1.00	3.00	5.00	10.75	12.00	14.00	17.00	21.50	34.75	37.00
8.00	8.00	140	1.00	4.00	6.50	12.00	14.00	16.85	18.00	20.00	32.77	34.00
9.00	9.00	106	1.00	4.00	6.50	13.00	13.60	15.95	17.60	22.30	35.51	36.00
10.00	10.00	88	1.00	5.00	10.00	14.00	16.20	20.65	23.30	30.65	50.00	50.00
11.00	11.00	94	1.00	4.75	8.00	12.25	15.00	17.75	21.00	27.25	41.00	41.00
12.00	12.00	75	1.00	5.00	7.00	12.00	14.00	16.60	18.00	21.80	36.00	36.00
13.00	13.00	64	1.00	5.00	9.00	14.00	16.00	17.00	19.00	21.75	42.00	42.00
14.00	14.00	65	1.00	6.00	9.00	13.50	14.00	15.10	19.80	27.60	34.00	34.00
15.00	15.00	74	2.00	7.00	10.00	16.00	17.00	19.00	23.50	26.50	36.00	36.00
16.00	16.00	50	3.00	6.00	11.50	19.25	21.60	23.35	27.80	32.90	34.00	34.00
17.00	17.00	51	2.00	6.00	10.00	16.00	17.60	18.20	32.20	43.20	54.00	54.00
18.00	18.00	52	2.00	6.00	9.00	17.50	19.40	23.00	27.40	30.00	36.00	36.00
19.00	19.00	38	2.00	8.50	13.00	17.25	20.20	24.00	24.20	32.30	38.00	38.00
20.00	20.00	39	2.00	6.00	10.00	13.00	15.00	16.00	19.00	25.00	26.00	26.00
21.00	21.00	37	3.00	7.50	12.00	25.50	27.40	30.30	34.20	48.20	50.00	50.00
22.00	22.00	36	3.00	7.25	11.50	17.00	19.60	20.00	21.80	27.45	30.00	30.00
23.00	23.00	28	6.00	10.00	15.50	20.75	22.20	24.95	28.20	30.55	31.00	31.00
24.00	24.00	26	3.00	8.00	11.50	15.25	17.20	22.75	29.40	36.30	37.00	37.00
25.00	25.00	21	2.00	6.00	11.00	27.00	29.60	33.50	40.60	48.30	49.00	49.00
26.00	26.00	32	3.00	10.00	15.00	20.00	20.80	23.00	27.90	35.40	38.00	38.00
27.00	27.00	27	4.00	9.00	15.00	24.00	25.80	27.00	27.40	35.60	40.00	40.00
28.00	28.00	12	6.00	8.00	12.50	18.50	19.40	20.35	24.90	27.00	27.00	27.00
29.00	29.00	19	7.00	12.00	16.00	21.00	24.00	24.00	26.00	32.00	32.00	32.00
30.00	30.00	13	6.00	7.50	14.00	21.00	24.80	27.60	29.80	31.00	31.00	31.00
31.00	31.00	19	6.00	9.00	16.00	24.00	26.00	28.00	28.00	36.00	36.00	36.00
32.00	32.00	15	4.00	11.00	16.00	21.00	23.40	27.60	30.40	31.00	31.00	31.00
33.00	33.00	21	8.00	11.00	16.00	22.50	25.80	28.40	31.40	48.20	50.00	50.00
34.00	34.00	15	10.00	18.00	22.00	26.00	29.20	37.20	43.20	45.00	45.00	45.00
35.00	35.00	14	7.00	14.50	18.50	26.75	32.00	39.50	44.50	47.00	47.00	47.00
36.00	36.00	14	6.00	11.25	19.00	24.00	24.00	30.00	35.00	38.00	38.00	38.00
37.00	38.00	21	7.00	11.50	17.00	22.50	23.00	24.40	26.60	45.00	47.00	47.00
39.00	39.00	10	6.00	11.50	16.00	23.25	28.20	42.60	62.40	66.00	66.00	66.00
40.00	41.00	13	15.00	16.00	18.00	24.50	27.20	27.90	34.60	39.00	39.00	39.00
42.00	42.00	11	9.00	14.00	18.00	22.00	22.00	22.40	23.60	24.00	24.00	24.00
43.00	44.00	12	10.00	12.00	14.00	17.00	25.80	39.15	41.10	42.00	42.00	42.00
45.00	46.00	13	7.00	15.50	25.00	29.00	32.00	32.00	41.60	48.00	48.00	48.00
47.00	48.00	12	10.00	15.25	22.00	29.50	32.00	35.25	38.50	40.00	40.00	40.00
49.00	51.00	13	14.00	17.50	20.00	27.00	29.80	32.60	33.60	34.00	34.00	34.00
52.00	53.00	11	8.00	13.00	18.00	26.00	26.60	27.60	29.40	30.00	30.00	30.00
54.00	55.00	10	6.00	18.75	27.50	33.75	37.60	48.80	64.20	67.00	67.00	67.00
56.00	59.00	11	7.00	17.00	25.00	33.00	33.60	38.40	51.60	56.00	56.00	56.00
60.00	67.00	11	11.00	17.00	21.00	36.00	36.00	38.00	41.00	42.00	42.00	42.00
68.00	72.00	11	13.00	20.00	31.00	41.00	42.80	45.00	48.00	49.00	49.00	49.00
77.00	81.00	10	20.00	25.25	28.50	40.25	40.80	41.35	41.90	42.00	42.00	42.00

CONDITIONAL DISTRIBUTIONS OF MAXIMUM INTENSITY, CONDITIONED ON DURATION, AT EUGENE (CONT.)

DURATION (HOURS)		N	MAXIMUM INTENSITY QUANTILES (IN/HR X 100)									
INTERVAL START	INTERVAL END		MINIMUM	.25-TH	MEDIAN	.75-TH	.80-TH	.85-TH	.90-TH	.95-TH	.99-TH	MAXIMUM
82.00	105.00	10	14.00	17.00	21.50	28.25	33.20	45.50	62.00	65.00	65.00	65.00
110.00	167.00	4	14.00	14.25	26.00	43.00	45.00	45.00	45.00	45.00	45.00	45.00

CONDITIONAL DISTRIBUTIONS OF MAXIMUM INTENSITY, CONDITIONED ON MAGNITUDE, AT PORTLAND

MAGNITUDE (IN X 100)		MAXIMUM INTENSITY QUANTILES (IN/HR X 100)										
INTERVAL START	INTERVAL END	N	MINIMUM	.25-TH	MEDIAN	.75-TH	.80-TH	.85-TH	.90-TH	.95-TH	.99-TH	MAXIMUM
1.00	1.00	451	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
2.00	2.00	272	1.00	1.00	1.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3.00	3.00	186	1.00	1.00	2.00	2.00	3.00	3.00	3.00	3.00	3.00	3.00
4.00	4.00	181	1.00	2.00	2.00	3.00	3.00	3.00	4.00	4.00	4.00	4.00
5.00	5.00	142	1.00	2.00	3.00	4.00	4.00	4.00	5.00	5.00	5.00	5.00
6.00	6.00	121	1.00	2.00	3.00	4.00	5.00	5.00	5.80	6.00	6.00	6.00
7.00	7.00	90	1.00	2.00	3.00	5.00	5.00	5.00	6.00	7.00	7.00	7.00
8.00	8.00	94	1.00	3.00	4.00	5.00	5.00	6.00	6.00	7.00	8.00	8.00
9.00	9.00	79	2.00	3.00	4.00	5.00	6.00	7.00	8.00	8.00	9.00	9.00
10.00	10.00	107	2.00	3.00	4.00	6.00	6.40	7.00	8.00	9.00	10.00	10.00
11.00	11.00	63	2.00	3.00	5.00	7.00	7.20	8.00	8.60	9.00	11.00	11.00
12.00	12.00	62	2.00	4.00	5.00	6.00	7.00	7.00	7.70	9.00	12.00	12.00
13.00	13.00	65	2.00	4.00	5.00	7.00	7.00	8.00	8.00	11.40	13.00	13.00
14.00	14.00	61	2.00	4.00	5.00	7.00	7.60	8.70	9.00	11.90	14.00	14.00
15.00	15.00	48	2.00	4.00	5.00	7.00	8.00	8.65	10.10	13.00	13.00	13.00
16.00	16.00	61	3.00	5.00	6.00	7.50	8.00	8.70	9.00	11.90	12.00	12.00
17.00	17.00	46	2.00	5.00	6.00	9.25	10.00	10.00	11.00	12.00	13.00	13.00
18.00	18.00	51	2.00	5.00	7.00	9.00	9.60	11.00	11.00	12.40	15.00	15.00
19.00	19.00	37	2.00	5.00	6.00	9.00	11.40	12.00	13.20	15.20	17.00	17.00
20.00	20.00	55	3.00	5.00	7.00	9.00	9.80	10.00	10.40	13.20	19.00	19.00
21.00	21.00	37	2.00	5.50	7.00	9.00	9.00	9.00	10.40	12.10	13.00	13.00
22.00	22.00	38	4.00	5.75	7.00	11.25	13.00	14.15	16.00	17.05	18.00	18.00
23.00	23.00	40	3.00	6.00	6.50	8.00	8.00	9.85	10.90	16.80	21.00	21.00
24.00	24.00	43	3.00	5.00	7.00	10.00	10.20	11.40	12.60	15.60	21.00	21.00
25.00	25.00	40	4.00	6.25	8.00	10.00	11.00	12.00	13.00	16.85	17.00	17.00
26.00	26.00	50	2.00	6.00	8.00	9.00	10.00	11.00	12.00	13.00	19.00	19.00
27.00	27.00	38	4.00	6.00	8.00	9.25	10.00	11.00	12.00	15.00	15.00	15.00
28.00	28.00	30	4.00	6.00	8.50	12.25	14.60	17.05	19.90	24.70	28.00	28.00
29.00	29.00	27	3.00	6.00	8.00	13.00	15.00	16.60	19.20	20.00	20.00	20.00
30.00	30.00	35	2.00	6.00	7.00	11.00	12.00	12.60	14.00	18.60	21.00	21.00
31.00	31.00	34	4.00	6.00	8.00	11.25	12.00	13.00	13.00	14.50	16.00	16.00
32.00	32.00	22	6.00	7.75	9.50	12.00	13.20	15.55	18.10	20.70	21.00	21.00
33.00	33.00	20	3.00	6.25	8.50	10.00	10.80	11.00	11.00	11.95	12.00	12.00
34.00	34.00	23	5.00	6.00	9.00	10.00	13.20	18.40	19.60	20.80	21.00	21.00
35.00	35.00	21	5.00	7.50	8.00	11.50	13.20	14.70	15.80	21.40	22.00	22.00
36.00	36.00	18	3.00	5.00	7.00	10.00	10.80	14.00	14.40	18.00	18.00	18.00
37.00	37.00	20	4.00	7.00	10.50	15.00	16.60	17.00	17.00	20.80	21.00	21.00
38.00	38.00	24	5.00	9.00	12.50	16.00	19.00	20.75	26.00	29.75	30.00	30.00
39.00	39.00	23	4.00	6.00	9.00	13.00	14.20	15.00	16.20	22.60	24.00	24.00
40.00	40.00	32	5.00	7.00	9.50	12.75	13.40	14.05	15.00	18.70	20.00	20.00
41.00	41.00	23	4.00	8.00	11.00	13.00	13.20	14.40	17.40	19.80	20.00	20.00
42.00	42.00	23	6.00	7.00	10.00	12.00	17.00	17.40	21.60	25.60	26.00	26.00
43.00	43.00	15	6.00	8.00	9.00	12.00	14.40	16.20	21.40	28.00	28.00	28.00
44.00	44.00	19	4.00	8.00	10.00	13.00	14.00	16.00	26.00	28.00	28.00	28.00
45.00	45.00	28	4.00	8.00	13.50	18.00	18.20	19.65	20.40	27.30	30.00	30.00
46.00	46.00	18	6.00	9.50	12.00	13.00	13.20	14.15	15.10	16.00	16.00	16.00
47.00	47.00	15	3.00	7.00	11.00	11.00	11.80	12.00	12.80	14.00	14.00	14.00
48.00	48.00	13	5.00	7.00	10.00	12.00	12.60	14.70	20.40	24.00	24.00	24.00
49.00	49.00	22	7.00	8.75	13.00	17.00	17.40	22.95	29.80	37.80	39.00	39.00
50.00	50.00	10	5.00	6.00	9.50	12.25	12.80	15.80	20.20	21.00	21.00	21.00

CONDITIONAL DISTRIBUTIONS OF MAXIMUM INTENSITY, CONDITIONED ON MAGNITUDE, AT PORTLAND (CONT.)

MAGNITUDE (IN X 100)		MAXIMUM INTENSITY QUANTILES (IN/HR X 100)										
INTERVAL START	INTERVAL END	N	MINIMUM	.25-TH	MEDIAN	.75-TH	.80-TH	.85-TH	.90-TH	.95-TH	.99-TH	MAXIMUM
51.00	51.00	17	5.00	7.00	10.00	15.50	16.40	17.00	17.40	19.00	19.00	19.00
52.00	52.00	16	4.00	7.25	11.50	16.75	17.00	17.45	18.30	19.00	19.00	19.00
53.00	54.00	21	7.00	9.00	10.00	13.00	14.20	15.70	19.20	20.90	21.00	21.00
55.00	56.00	22	5.00	8.75	10.00	14.00	14.80	16.55	17.00	17.00	17.00	17.00
57.00	57.00	15	7.00	8.00	12.00	15.00	15.00	16.20	19.40	23.00	23.00	23.00
58.00	59.00	17	7.00	8.50	10.00	16.00	19.80	21.00	21.20	22.00	22.00	22.00
60.00	60.00	15	7.00	9.00	10.00	15.00	17.40	18.60	19.80	21.00	21.00	21.00
61.00	61.00	10	10.00	10.75	12.00	16.00	18.20	21.80	26.20	27.00	27.00	27.00
62.00	63.00	11	5.00	9.00	10.00	18.00	18.60	19.20	19.80	20.00	20.00	20.00
64.00	65.00	10	6.00	9.50	13.50	15.25	15.80	17.40	19.60	20.00	20.00	20.00
66.00	66.00	10	10.00	11.00	13.00	18.25	21.00	23.05	24.70	25.00	25.00	25.00
67.00	67.00	12	7.00	12.00	13.50	17.50	18.40	19.15	21.10	22.00	22.00	22.00
68.00	69.00	13	6.00	9.50	14.00	22.50	26.60	32.20	33.60	34.00	34.00	34.00
70.00	71.00	10	8.00	9.75	12.50	15.25	15.80	17.40	19.60	20.00	20.00	20.00
72.00	73.00	13	5.00	12.00	15.00	19.00	21.00	21.00	21.60	22.00	22.00	22.00
74.00	75.00	11	10.00	14.00	16.00	20.00	23.00	25.40	26.60	27.00	27.00	27.00
76.00	77.00	14	6.00	8.75	12.50	15.75	18.00	20.25	24.00	27.00	27.00	27.00
78.00	80.00	11	8.00	9.00	10.00	16.00	17.20	20.40	27.60	30.00	30.00	30.00
81.00	82.00	13	9.00	10.00	13.00	17.00	18.60	20.70	24.00	26.00	26.00	26.00
83.00	85.00	12	8.00	10.00	12.50	15.75	16.80	18.15	20.10	21.00	21.00	21.00
86.00	88.00	11	9.00	10.00	14.00	27.00	27.00	28.00	31.00	32.00	32.00	32.00
89.00	90.00	10	9.00	10.75	16.00	18.00	18.00	19.40	21.60	22.00	22.00	22.00
91.00	93.00	15	6.00	10.00	12.00	21.00	21.00	23.40	27.00	30.00	30.00	30.00
94.00	95.00	11	10.00	14.00	16.00	20.00	22.40	25.00	28.00	29.00	29.00	29.00
96.00	98.00	15	8.00	11.00	13.00	16.00	18.40	21.40	23.80	25.00	25.00	25.00
99.00	100.00	13	8.00	9.50	13.00	17.00	17.40	18.80	19.60	20.00	20.00	20.00
101.00	104.00	14	9.00	12.00	13.50	18.00	18.00	20.25	21.00	21.00	21.00	21.00
105.00	106.00	11	8.00	12.00	15.00	23.00	23.60	26.00	32.00	34.00	34.00	34.00
107.00	108.00	14	8.00	12.00	15.00	20.25	21.00	24.00	29.50	34.00	34.00	34.00
109.00	111.00	12	10.00	10.00	16.50	20.75	22.20	24.20	26.80	28.00	28.00	28.00
112.00	117.00	13	9.00	12.00	15.00	21.00	22.40	23.80	25.20	26.00	26.00	26.00
118.00	123.00	12	11.00	13.00	15.00	18.00	19.20	21.00	21.00	21.00	21.00	21.00
125.00	128.00	11	6.00	11.00	14.00	16.00	17.80	21.40	28.60	31.00	31.00	31.00
129.00	136.00	10	10.00	14.25	18.00	23.50	24.60	26.05	27.70	28.00	28.00	28.00
137.00	141.00	12	9.00	12.00	15.00	20.75	22.80	24.10	25.40	26.00	26.00	26.00
142.00	146.00	10	10.00	12.75	15.50	23.50	24.60	26.05	27.70	28.00	28.00	28.00
147.00	151.00	10	10.00	14.75	22.50	31.75	37.80	47.70	59.80	62.00	62.00	62.00
152.00	155.00	10	12.00	13.50	19.00	23.00	23.00	26.85	32.90	34.00	34.00	34.00
158.00	164.00	10	13.00	13.75	19.50	22.75	26.60	28.70	29.80	30.00	30.00	30.00
165.00	171.00	12	14.00	17.25	21.00	24.50	25.40	26.10	27.40	28.00	28.00	28.00
173.00	181.00	10	10.00	12.75	15.50	19.75	23.60	26.40	28.60	29.00	29.00	29.00
184.00	191.00	10	14.00	17.25	24.00	33.50	34.60	36.05	37.70	38.00	38.00	38.00
196.00	207.00	10	12.00	16.75	22.00	32.00	32.00	33.05	34.70	35.00	35.00	35.00
213.00	244.00	10	12.00	18.25	21.50	26.25	29.00	31.05	32.70	33.00	33.00	33.00
248.00	270.00	10	14.00	15.50	21.00	31.25	31.80	52.30	84.20	90.00	90.00	90.00
278.00	387.00	10	12.00	19.50	24.00	29.25	29.80	31.75	34.50	35.00	35.00	35.00
394.00	544.00	3	14.00	14.00	23.00	24.00	24.00	24.00	24.00	24.00	24.00	24.00

CONDITIONAL DISTRIBUTIONS OF MAXIMUM INTENSITY, CONDITIONED ON MAGNITUDE, AT SALEM

MAGNITUDE (IN X 100)		MAXIMUM INTENSITY QUANTILES (IN/HR X 100)										
INTERVAL START	INTERVAL END	N	MINIMUM	.25-TH	MEDIAN	.75-TH	.80-TH	.85-TH	.90-TH	.95-TH	.99-TH	MAXIMUM
1.00	1.00	418	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
2.00	2.00	278	1.00	1.00	1.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3.00	3.00	194	1.00	1.00	2.00	2.00	3.00	3.00	3.00	3.00	3.00	3.00
4.00	4.00	121	1.00	2.00	2.00	3.00	3.00	4.00	4.00	4.00	4.00	4.00
5.00	5.00	136	1.00	2.00	3.00	4.00	4.00	5.00	5.00	5.00	5.00	5.00
6.00	6.00	97	1.00	2.00	3.00	4.00	4.00	5.00	5.00	5.10	6.00	6.00
7.00	7.00	105	1.00	2.00	3.00	4.50	5.00	5.00	6.00	6.70	7.00	7.00
8.00	8.00	75	2.00	3.00	4.00	5.00	5.00	5.00	6.00	7.00	8.00	8.00
9.00	9.00	76	2.00	3.00	4.00	6.00	6.00	6.45	7.30	9.00	9.00	9.00
10.00	10.00	96	2.00	3.00	4.00	5.00	5.60	6.00	6.00	8.15	10.00	10.00
11.00	11.00	58	2.00	3.00	5.00	6.25	7.00	7.00	7.00	10.00	11.00	11.00
12.00	12.00	76	2.00	4.00	4.50	7.00	7.00	7.45	9.00	12.00	12.00	12.00
13.00	13.00	52	2.00	4.00	5.00	7.00	7.00	8.05	9.70	10.70	12.00	12.00
14.00	14.00	65	3.00	4.00	5.00	7.00	8.00	8.00	10.00	13.40	14.00	14.00
15.00	15.00	62	3.00	5.00	6.00	8.00	9.00	9.00	10.00	10.00	13.00	13.00
16.00	16.00	45	3.00	4.00	5.00	7.00	8.00	9.00	10.80	13.70	15.00	15.00
17.00	17.00	62	2.00	5.00	6.00	9.00	9.00	9.55	10.00	12.55	14.00	14.00
18.00	18.00	45	2.00	5.00	6.00	8.00	8.00	10.10	13.00	15.00	18.00	18.00
19.00	19.00	51	3.00	4.00	6.00	8.00	8.00	9.20	10.00	12.00	15.00	15.00
20.00	20.00	35	3.00	5.00	7.00	8.00	8.00	8.00	8.40	12.40	18.00	18.00
21.00	21.00	39	3.00	5.00	7.00	9.00	10.00	10.00	13.00	17.00	19.00	19.00
22.00	22.00	32	3.00	5.00	6.50	8.00	8.00	8.10	11.40	15.75	19.00	19.00
23.00	23.00	39	4.00	5.00	8.00	10.00	11.00	12.00	16.00	17.00	20.00	20.00
24.00	24.00	36	3.00	6.00	7.00	9.00	10.00	12.00	13.30	14.45	17.00	17.00
25.00	25.00	40	3.00	6.00	7.00	9.00	9.80	10.85	11.00	13.90	18.00	18.00
26.00	26.00	34	4.00	6.00	8.00	10.00	10.00	10.00	11.00	17.00	17.00	17.00
27.00	27.00	32	5.00	6.00	8.50	11.00	11.00	12.00	13.40	14.35	15.00	15.00
28.00	28.00	25	4.00	7.00	9.00	14.50	15.00	15.10	16.00	23.00	26.00	26.00
29.00	29.00	32	4.00	6.00	8.00	11.50	12.40	13.05	15.40	19.15	25.00	25.00
30.00	30.00	20	3.00	6.00	8.00	11.75	12.00	12.85	13.90	14.95	15.00	15.00
31.00	31.00	31	5.00	7.00	8.00	11.00	11.00	11.20	12.00	15.40	16.00	16.00
32.00	32.00	22	4.00	6.00	7.00	9.25	10.80	12.55	14.40	15.00	15.00	15.00
33.00	33.00	22	4.00	5.75	6.00	9.25	10.00	12.20	14.00	15.70	16.00	16.00
34.00	34.00	25	4.00	6.00	9.00	13.50	14.80	16.00	16.80	21.50	23.00	23.00
35.00	35.00	13	3.00	7.00	9.00	11.00	12.60	14.70	16.80	18.00	18.00	18.00
36.00	36.00	21	5.00	7.00	11.00	13.00	13.60	16.80	18.00	18.90	19.00	19.00
37.00	37.00	15	5.00	9.00	10.00	15.00	16.60	17.00	19.00	22.00	22.00	22.00
38.00	38.00	27	4.00	6.00	9.00	13.00	13.00	13.80	16.40	22.60	23.00	23.00
39.00	39.00	18	4.00	6.00	7.00	10.00	11.40	17.45	20.10	21.00	21.00	21.00
40.00	40.00	18	6.00	9.00	11.00	15.00	15.20	16.45	19.80	27.00	27.00	27.00
41.00	41.00	19	5.00	10.00	14.00	17.00	18.00	18.00	18.00	21.00	21.00	21.00
42.00	42.00	21	4.00	8.00	12.00	14.50	15.00	15.70	17.60	18.90	19.00	19.00
43.00	43.00	14	5.00	8.50	11.00	15.25	16.00	17.50	19.50	21.00	21.00	21.00
44.00	44.00	18	5.00	7.00	10.00	15.00	16.80	24.30	27.10	37.00	37.00	37.00
45.00	45.00	14	6.00	7.75	9.00	15.50	17.00	18.50	22.00	25.00	25.00	25.00
46.00	46.00	15	8.00	9.00	13.00	16.00	16.80	17.00	21.00	27.00	27.00	27.00
47.00	48.00	25	5.00	7.50	10.00	13.50	14.00	16.10	18.60	23.10	24.00	24.00
49.00	49.00	13	6.00	7.50	10.00	13.50	15.60	17.70	18.60	19.00	19.00	19.00
50.00	50.00	12	5.00	8.00	12.00	17.50	18.40	19.35	23.90	26.00	26.00	26.00
51.00	51.00	17	5.00	7.50	12.00	17.50	18.00	18.60	23.20	36.00	36.00	36.00

CONDITIONAL DISTRIBUTIONS OF MAXIMUM INTENSITY, CONDITIONED ON MAGNITUDE, AT SALEM (CONT.)

MAGNITUDE (IN X 100)		MAXIMUM INTENSITY QUANTILES (IN/HR X 100)										
INTERVAL START	INTERVAL END	N	MINIMUM	.25-TH	MEDIAN	.75-TH	.80-TH	.85-TH	.90-TH	.95-TH	.99-TH	MAXIMUM
52.00	52.00	17	5.00	8.00	10.00	13.00	13.40	15.50	19.20	20.00	20.00	20.00
53.00	53.00	10	8.00	8.75	12.50	18.75	20.40	26.25	34.50	36.00	36.00	36.00
54.00	55.00	14	3.00	7.75	12.00	13.25	14.00	15.50	21.50	27.00	27.00	27.00
56.00	57.00	25	5.00	9.00	11.00	16.00	17.00	18.10	21.80	40.00	46.00	46.00
58.00	58.00	13	6.00	8.50	11.00	18.00	22.60	28.20	33.80	37.00	37.00	37.00
59.00	59.00	10	6.00	9.25	12.00	16.75	20.60	23.40	25.60	26.00	26.00	26.00
60.00	60.00	12	9.00	10.25	12.50	13.75	18.00	24.05	24.70	25.00	25.00	25.00
61.00	61.00	11	7.00	9.00	12.00	16.00	16.00	17.60	22.40	24.00	24.00	24.00
62.00	63.00	13	7.00	10.00	13.00	15.00	17.20	17.90	18.60	19.00	19.00	19.00
64.00	64.00	12	7.00	9.25	13.50	15.50	16.40	17.25	20.50	22.00	22.00	22.00
65.00	66.00	14	8.00	9.75	11.50	15.75	18.00	20.25	22.00	23.00	23.00	23.00
67.00	68.00	20	3.00	10.25	13.00	22.75	23.80	25.70	26.90	27.95	28.00	28.00
69.00	70.00	17	8.00	10.50	12.00	15.50	16.80	18.30	19.80	23.00	23.00	23.00
71.00	72.00	13	5.00	11.00	16.00	19.50	20.80	23.60	34.20	41.00	41.00	41.00
73.00	74.00	14	8.00	11.75	14.00	16.75	19.00	21.25	23.50	25.00	25.00	25.00
75.00	75.00	12	5.00	12.00	16.00	19.50	20.40	22.05	35.70	42.00	42.00	42.00
76.00	77.00	12	9.00	10.00	13.00	15.50	16.80	18.15	20.10	21.00	21.00	21.00
78.00	78.00	11	7.00	10.00	15.00	17.00	17.60	22.80	37.20	42.00	42.00	42.00
79.00	80.00	15	8.00	12.00	14.00	20.00	22.40	23.60	26.00	29.00	29.00	29.00
81.00	82.00	12	9.00	12.00	15.00	19.50	21.60	24.30	28.20	30.00	30.00	30.00
83.00	84.00	14	5.00	10.50	15.50	18.25	19.00	19.75	22.50	25.00	25.00	25.00
85.00	86.00	10	8.00	9.75	14.50	20.00	20.00	20.35	20.90	21.00	21.00	21.00
87.00	88.00	13	8.00	11.00	14.00	20.00	21.20	21.90	24.40	26.00	26.00	26.00
89.00	90.00	14	7.00	10.75	14.50	18.25	19.00	19.75	20.00	20.00	20.00	20.00
91.00	93.00	11	6.00	11.00	13.00	17.00	17.60	18.00	18.00	18.00	18.00	18.00
94.00	97.00	13	8.00	12.50	17.00	23.00	24.80	27.60	38.80	46.00	46.00	46.00
98.00	99.00	11	11.00	17.00	20.00	22.00	22.60	23.60	25.40	26.00	26.00	26.00
100.00	101.00	15	9.00	10.00	13.00	19.00	19.00	25.00	30.60	33.00	33.00	33.00
102.00	105.00	14	6.00	10.75	14.00	17.50	22.00	23.50	26.50	29.00	29.00	29.00
106.00	109.00	15	8.00	13.00	16.00	22.00	22.00	24.40	26.40	27.00	27.00	27.00
110.00	116.00	12	9.00	11.25	15.50	19.50	21.20	23.05	23.70	24.00	24.00	24.00
117.00	120.00	10	10.00	13.75	14.50	17.25	17.80	23.60	32.40	34.00	34.00	34.00
121.00	124.00	11	9.00	14.00	15.00	17.00	18.20	20.40	24.60	26.00	26.00	26.00
125.00	129.00	10	9.00	13.50	19.50	26.75	30.60	33.40	35.60	36.00	36.00	36.00
130.00	134.00	10	9.00	13.25	17.50	31.00	33.20	34.00	34.00	34.00	34.00	34.00
135.00	139.00	10	11.00	14.25	17.50	20.50	21.60	26.20	32.80	34.00	34.00	34.00
140.00	143.00	13	11.00	13.50	17.00	18.50	19.40	20.80	22.80	24.00	24.00	24.00
146.00	150.00	11	10.00	16.00	19.00	30.00	30.60	34.60	45.40	49.00	49.00	49.00
151.00	156.00	10	11.00	14.50	18.50	24.50	25.60	27.40	29.60	30.00	30.00	30.00
157.00	164.00	11	12.00	16.00	25.00	29.00	29.60	31.60	36.40	38.00	38.00	38.00
165.00	171.00	12	13.00	15.00	16.00	22.75	25.60	28.00	28.00	28.00	28.00	28.00
172.00	179.00	10	12.00	16.00	20.00	31.00	35.40	40.15	45.10	46.00	46.00	46.00
180.00	186.00	12	15.00	17.25	19.00	25.00	26.60	29.15	31.10	32.00	32.00	32.00
189.00	200.00	10	12.00	16.50	21.00	24.75	26.40	29.80	34.20	35.00	35.00	35.00
202.00	213.00	11	14.00	15.00	20.00	29.00	29.60	31.00	34.00	35.00	35.00	35.00
214.00	223.00	10	14.00	19.50	21.00	27.00	27.00	29.45	33.30	34.00	34.00	34.00
224.00	235.00	10	13.00	19.00	24.50	37.75	43.80	46.00	46.00	46.00	46.00	46.00
237.00	247.00	10	16.00	17.75	21.50	29.75	35.80	38.00	38.00	38.00	38.00	38.00
257.00	267.00	10	17.00	19.00	23.00	29.25	32.00	34.75	37.50	38.00	38.00	38.00
268.00	304.00	10	16.00	18.50	23.50	29.25	29.80	32.45	36.30	37.00	37.00	37.00

CONDITIONAL DISTRIBUTIONS OF MAXIMUM INTENSITY, CONDITIONED ON MAGNITUDE, AT SALEM (CONT.)

MAGNITUDE (IN X 100)		N	MAXIMUM INTENSITY QUANTILES (IN/HR X 100)									
INTERVAL START	INTERVAL END		MINIMUM	.25-TH	MEDIAN	.75-TH	.80-TH	.85-TH	.90-TH	.95-TH	.99-TH	MAXIMUM
307.00	409.00	10	19.00	22.00	26.00	31.00	33.20	36.10	39.40	40.00	40.00	40.00
413.00	496.00	10	17.00	21.75	26.00	28.00	28.00	30.45	34.30	35.00	35.00	35.00
503.00	593.00	4	31.00	31.25	33.00	35.50	36.00	36.00	36.00	36.00	36.00	36.00



CONDITIONAL DISTRIBUTIONS OF MAXIMUM INTENSITY, CONDITIONED ON MAGNITUDE, AT EUGENE

MAGNITUDE (IN X 100)		MAXIMUM INTENSITY QUANTILES (IN/HR X 100)										
INTERVAL START	INTERVAL END	N	MINIMUM	.25-TH	MEDIAN	.75-TH	.80-TH	.85-TH	.90-TH	.95-TH	.99-TH	MAXIMUM
1.00	1.00	277	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
2.00	2.00	295	1.00	1.00	1.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
3.00	3.00	152	1.00	1.00	2.00	2.00	3.00	3.00	3.00	3.00	3.00	3.00
4.00	4.00	160	1.00	2.00	2.00	3.00	3.80	4.00	4.00	4.00	4.00	4.00
5.00	5.00	100	1.00	2.00	3.00	3.75	4.00	4.00	5.00	5.00	5.00	5.00
6.00	6.00	106	1.00	2.00	3.00	4.00	4.00	4.95	5.00	6.00	6.00	6.00
7.00	7.00	70	1.00	2.00	3.00	5.00	5.00	5.00	6.00	6.00	7.00	7.00
8.00	8.00	91	1.00	3.00	4.00	5.00	6.00	6.00	7.00	8.00	8.00	8.00
9.00	9.00	40	1.00	4.00	4.00	5.75	6.00	6.00	7.00	7.95	8.00	8.00
10.00	10.00	87	2.00	3.00	5.00	6.00	6.00	7.00	7.00	8.60	10.00	10.00
11.00	11.00	42	2.00	3.75	4.00	6.00	6.40	7.55	9.40	10.85	11.00	11.00
12.00	12.00	63	2.00	4.00	5.00	6.00	6.00	7.00	8.00	8.00	10.00	10.00
13.00	13.00	45	2.00	4.00	6.00	7.00	7.80	8.00	9.00	9.70	11.00	11.00
14.00	14.00	55	3.00	5.00	6.00	8.00	8.00	8.60	11.40	12.00	13.00	13.00
15.00	15.00	44	2.00	4.25	6.50	8.00	9.00	11.00	11.50	13.00	13.00	13.00
16.00	16.00	43	2.00	5.00	6.00	8.00	9.00	10.40	11.60	12.00	16.00	16.00
17.00	17.00	39	2.00	5.00	7.00	10.00	10.00	10.00	12.00	14.00	14.00	14.00
18.00	18.00	50	2.00	5.00	6.00	9.00	10.00	10.35	11.00	12.45	18.00	18.00
19.00	19.00	24	3.00	5.00	7.00	9.75	10.00	11.00	13.00	17.25	18.00	18.00
20.00	20.00	44	3.00	5.00	7.00	9.00	9.00	11.00	11.50	14.00	18.00	18.00
21.00	21.00	17	3.00	6.00	8.00	10.50	11.40	12.60	14.60	17.00	17.00	17.00
22.00	22.00	34	3.00	6.00	9.00	12.00	13.00	13.75	18.00	21.00	21.00	21.00
23.00	23.00	19	3.00	5.00	6.00	8.00	9.00	10.00	12.00	13.00	13.00	13.00
24.00	24.00	30	4.00	6.00	7.00	11.00	12.60	14.00	15.80	18.35	20.00	20.00
25.00	25.00	34	3.00	6.00	8.00	12.00	13.00	13.75	14.00	18.25	22.00	22.00
26.00	26.00	25	3.00	5.00	6.00	12.00	12.80	14.10	15.00	18.50	20.00	20.00
27.00	27.00	25	5.00	6.00	8.00	10.00	11.00	15.00	16.60	23.20	25.00	25.00
28.00	28.00	29	5.00	6.50	9.00	12.00	13.00	13.00	14.00	21.00	26.00	26.00
29.00	29.00	22	4.00	6.00	8.00	10.25	11.00	11.55	14.80	16.85	17.00	17.00
30.00	30.00	29	4.00	7.50	9.00	12.50	14.00	15.00	17.00	18.50	20.00	20.00
31.00	31.00	14	5.00	7.75	9.00	12.25	13.00	13.75	15.00	16.00	16.00	16.00
32.00	32.00	28	5.00	7.25	9.00	10.75	12.20	13.00	16.40	20.00	20.00	20.00
33.00	33.00	22	5.00	8.75	10.50	14.25	15.40	16.55	18.40	19.85	20.00	20.00
34.00	34.00	27	6.00	8.00	12.00	17.00	17.40	19.60	21.20	24.40	26.00	26.00
35.00	35.00	12	5.00	7.25	10.00	10.00	10.40	11.20	13.80	15.00	15.00	15.00
36.00	36.00	24	4.00	7.25	10.00	16.50	18.00	18.25	19.00	19.75	20.00	20.00
37.00	37.00	13	6.00	8.00	9.00	15.50	19.20	26.90	29.20	30.00	30.00	30.00
38.00	38.00	22	5.00	8.75	11.50	16.25	17.40	18.55	19.70	21.70	22.00	22.00
39.00	39.00	14	5.00	7.75	10.50	14.75	17.00	17.75	18.50	19.00	19.00	19.00
40.00	40.00	21	5.00	8.00	12.00	18.50	20.20	21.70	23.60	27.60	28.00	28.00
41.00	41.00	12	4.00	7.00	8.50	13.00	13.80	15.10	16.40	17.00	17.00	17.00
42.00	42.00	13	6.00	9.00	12.00	19.00	21.00	21.00	21.00	21.00	21.00	21.00
43.00	43.00	23	5.00	8.00	11.00	15.00	16.20	17.40	19.20	23.20	24.00	24.00
44.00	44.00	14	5.00	7.50	13.50	17.00	20.00	20.00	29.50	39.00	39.00	39.00
45.00	45.00	16	7.00	10.00	12.00	15.50	16.00	16.90	18.30	19.00	19.00	19.00
46.00	46.00	17	5.00	9.00	10.00	13.50	15.60	19.20	22.60	25.00	25.00	25.00
47.00	47.00	10	5.00	8.00	10.00	14.50	15.60	17.40	19.60	20.00	20.00	20.00
48.00	48.00	14	8.00	10.00	13.00	17.50	19.00	22.75	24.00	24.00	24.00	24.00
49.00	49.00	13	7.00	10.50	15.00	18.00	18.80	21.60	33.40	41.00	41.00	41.00
50.00	50.00	16	6.00	9.25	13.00	20.50	21.60	22.00	22.00	22.00	22.00	22.00

CONDITIONAL DISTRIBUTIONS OF MAXIMUM INTENSITY, CONDITIONED ON MAGNITUDE, AT EUGENE (CONT.)

MAGNITUDE (IN X 100)		MAXIMUM INTENSITY QUANTILES (IN/HR X 100)										
INTERVAL START	INTERVAL END	N	MINIMUM	.25--TH	MEDIAN	.75--TH	.80--TH	.85--TH	.90--TH	.95--TH	.99--TH	MAXIMUM
51.00	51.00	13	7.00	10.00	11.00	13.50	15.00	18.50	19.60	20.00	20.00	20.00
52.00	52.00	18	6.00	7.00	13.00	17.25	18.00	18.30	20.40	24.00	24.00	24.00
53.00	53.00	11	7.00	10.00	11.00	19.00	25.00	30.60	35.40	37.00	37.00	37.00
54.00	54.00	10	6.00	7.75	11.00	15.75	17.40	20.80	25.20	26.00	26.00	26.00
55.00	55.00	10	7.00	8.75	10.00	20.25	23.00	25.05	26.70	27.00	27.00	27.00
56.00	56.00	14	7.00	11.75	14.00	15.00	15.00	19.50	28.00	35.00	35.00	35.00
57.00	58.00	13	8.00	10.00	13.00	16.50	19.00	26.00	37.20	44.00	44.00	44.00
59.00	59.00	12	4.00	7.25	12.00	14.50	16.20	18.30	22.20	24.00	24.00	24.00
60.00	60.00	13	6.00	10.50	13.00	21.00	24.00	27.50	34.60	39.00	39.00	39.00
61.00	62.00	17	8.00	10.00	12.00	18.00	20.20	23.80	29.40	35.00	35.00	35.00
63.00	64.00	13	10.00	14.50	17.00	25.00	26.80	29.60	33.00	35.00	35.00	35.00
65.00	66.00	17	8.00	10.00	12.00	14.00	14.00	14.90	17.40	19.00	19.00	19.00
67.00	68.00	18	8.00	10.75	13.50	16.25	17.40	19.15	20.30	23.00	23.00	23.00
69.00	70.00	24	8.00	12.00	15.00	19.75	20.00	21.25	24.00	34.25	37.00	37.00
71.00	72.00	16	7.00	10.00	12.00	19.50	20.00	20.45	23.40	29.00	29.00	29.00
73.00	74.00	10	10.00	12.00	15.50	17.75	21.60	24.75	27.50	28.00	28.00	28.00
75.00	76.00	10	8.00	10.50	13.00	22.50	23.60	24.35	24.90	25.00	25.00	25.00
77.00	78.00	13	8.00	10.00	19.00	23.50	24.40	25.80	31.40	35.00	35.00	35.00
79.00	80.00	12	6.00	12.75	15.00	19.50	20.00	20.15	22.10	23.00	23.00	23.00
81.00	82.00	10	9.00	11.50	17.50	21.00	23.20	26.45	30.30	31.00	31.00	31.00
83.00	85.00	13	6.00	11.00	16.00	21.00	24.40	29.30	32.40	34.00	34.00	34.00
86.00	87.00	11	12.00	16.00	19.00	28.00	28.00	28.80	31.20	32.00	32.00	32.00
88.00	88.00	10	10.00	12.25	16.00	23.75	29.80	33.40	35.60	36.00	36.00	36.00
89.00	90.00	16	9.00	17.00	18.50	25.00	26.60	27.00	29.10	34.00	34.00	34.00
91.00	92.00	11	7.00	9.00	13.00	20.00	23.00	25.20	25.80	26.00	26.00	26.00
93.00	94.00	12	10.00	15.25	19.50	22.75	23.80	25.45	31.30	34.00	34.00	34.00
95.00	98.00	11	11.00	13.00	16.00	18.00	19.20	20.60	22.40	23.00	23.00	23.00
99.00	101.00	14	10.00	12.00	19.00	21.25	22.00	24.25	27.50	30.00	30.00	30.00
102.00	103.00	10	15.00	17.50	18.00	26.00	26.00	29.50	35.00	36.00	36.00	36.00
104.00	106.00	10	9.00	11.75	16.00	23.50	29.00	31.35	31.90	32.00	32.00	32.00
107.00	109.00	11	12.00	15.00	17.00	18.00	19.20	21.20	24.80	26.00	26.00	26.00
110.00	112.00	13	12.00	16.00	22.00	29.00	30.80	33.60	35.20	36.00	36.00	36.00
113.00	116.00	11	11.00	15.00	18.00	28.00	28.60	30.00	33.00	34.00	34.00	34.00
117.00	119.00	12	12.00	15.25	20.50	24.00	24.40	25.10	26.40	27.00	27.00	27.00
120.00	122.00	14	10.00	14.00	16.00	20.75	23.00	23.75	27.50	31.00	31.00	31.00
123.00	125.00	11	17.00	18.00	23.00	24.00	25.20	26.80	29.20	30.00	30.00	30.00
126.00	128.00	10	14.00	16.25	23.00	27.00	29.20	30.70	31.80	32.00	32.00	32.00
129.00	130.00	10	13.00	13.75	18.50	22.00	22.00	23.05	24.70	25.00	25.00	25.00
131.00	134.00	10	14.00	16.00	20.00	23.25	23.80	25.40	27.60	28.00	28.00	28.00
135.00	141.00	10	16.00	18.75	24.50	36.00	38.20	42.85	48.90	50.00	50.00	50.00
142.00	146.00	12	14.00	15.25	17.50	25.00	30.80	38.50	45.00	48.00	48.00	48.00
147.00	152.00	11	16.00	18.00	21.00	33.00	34.20	36.40	40.60	42.00	42.00	42.00
153.00	158.00	11	13.00	20.00	27.00	34.00	35.20	37.20	40.80	42.00	42.00	42.00
160.00	167.00	10	14.00	15.50	18.50	30.25	30.80	31.35	31.90	32.00	32.00	32.00
168.00	177.00	11	14.00	17.00	19.00	22.00	26.80	30.20	30.80	31.00	31.00	31.00
178.00	184.00	11	14.00	24.00	27.00	29.00	29.60	30.40	31.60	32.00	32.00	32.00
185.00	190.00	12	11.00	15.00	21.00	27.00	30.60	36.15	38.10	39.00	39.00	39.00
192.00	196.00	10	11.00	16.50	23.50	28.50	29.60	33.85	39.90	41.00	41.00	41.00
197.00	208.00	10	15.00	19.25	24.00	33.00	35.20	37.40	39.60	40.00	40.00	40.00
209.00	221.00	10	15.00	19.25	30.00	38.50	39.60	40.70	41.80	42.00	42.00	42.00

CONDITIONAL DISTRIBUTIONS OF MAXIMUM INTENSITY, CONDITIONED ON MAGNITUDE, AT EUGENE (CONT.)

MAGNITUDE (IN X 100)		MAXIMUM INTENSITY QUANTILES (IN/HR X 100)										
INTERVAL START	INTERVAL END	N	MINIMUM	.25-TH	MEDIAN	.75-TH	.80-TH	.85-TH	.90-TH	.95-TH	.99-TH	MAXIMUM
222.00	233.00	10	17.00	18.00	23.50	28.00	30.20	36.60	45.40	47.00	47.00	47.00
235.00	245.00	10	13.00	23.00	27.50	42.00	42.00	44.10	47.40	48.00	48.00	48.00
247.00	256.00	10	15.00	19.25	22.00	27.75	29.40	32.45	36.30	37.00	37.00	37.00
258.00	280.00	10	19.00	21.50	28.50	32.25	32.80	38.60	47.40	49.00	49.00	49.00
281.00	299.00	11	14.00	25.00	29.00	44.00	47.60	50.80	53.20	54.00	54.00	54.00
300.00	315.00	10	25.00	27.75	32.00	47.50	48.60	51.45	55.30	56.00	56.00	56.00
319.00	340.00	10	25.00	27.00	29.50	39.00	41.20	44.80	49.20	50.00	50.00	50.00
344.00	392.00	10	14.00	23.75	31.00	37.50	40.80	43.05	44.70	45.00	45.00	45.00
397.00	459.00	10	18.00	22.50	25.50	39.50	40.60	49.75	63.50	66.00	66.00	66.00
483.00	673.00	10	14.00	24.25	36.00	40.25	40.80	43.45	47.30	48.00	48.00	48.00
684.00	1015.00	5	37.00	38.00	45.00	66.00	66.60	67.00	67.00	67.00	67.00	67.00