

Poster in Mel...

Quarterly Technical Report 75-B

for

Hanford Seismic Network

April 1, 1975 through June 30, 1975

This report was prepared as an account of work sponsored by the United States Government. Neither the United States nor the United States Energy Research and Development Administration, nor any of their employees, nor any of their contractors, subcontractors, or their employees, makes any warranty, express or implied, or assumes any legal liability or responsibility for the accuracy, completeness or usefulness of any information, apparatus, product or process disclosed, or represents that its use would not infringe privately-owned rights.

By acceptance of this article, the publisher and/or recipient acknowledges the U.S. Government's right to retain a nonexclusive, royalty-free license in and to any copyright covering this paper.

Geophysics Program

University of Washington

Mar. 8, 1977

PREPARED FOR THE U.S. ENERGY RESEARCH &
DEVELOPMENT ADM. UNDER CONTRACT NO.
E(45-1)-2225, TASK AGREEMENT NO. 39

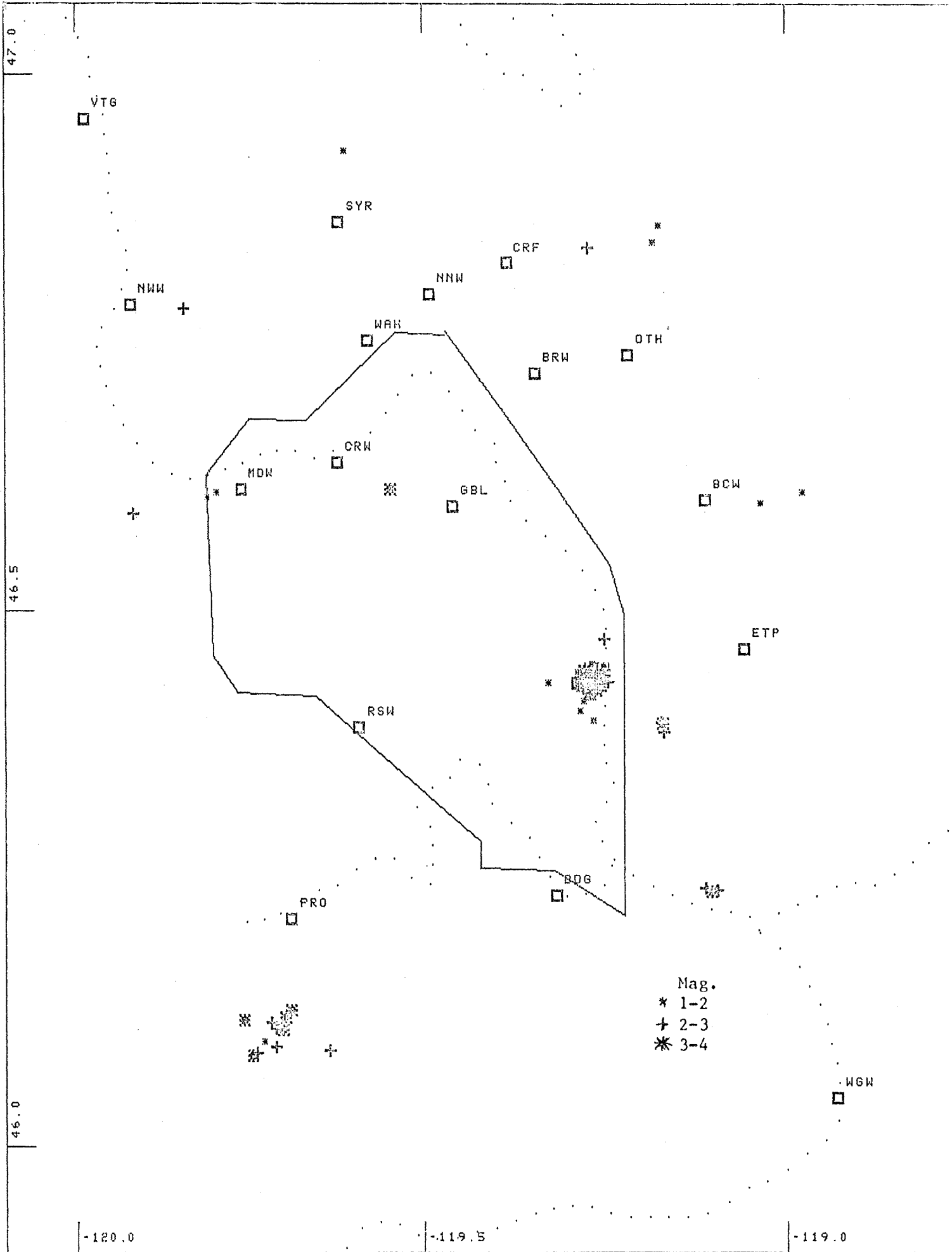
This report is from data gathered from April 1 through June 30, 1975, by the U.S.G.S. The film records were picked by the Geophysics Program for epicenter location.

With the submission of this report we are up to date on all Quarterly Technical Reports.

Enclosed in this report is a map showing all seismograph stations used in the network and all the epicenters of earthquakes showing their magnitude. A velocity model is shown in Table 1.

During the second quarter of 1975 there were two locations of swarm activity. One at Wooded Island and the other just south of our Prosser station.

During this quarter 120 earthquakes were located. The large number of shocks is due to the swarm activity of 80 earthquakes near Wooded Island.



47.0

46.5

46.0

-120.0

-119.5

-119.0

Mag.
 * 1-2
 + 2-3
 * 3-4

VTG

SYR

CRF

NNW

NNW

WAH

BRW

OTH

MDW

CRW

GBL

BCW

ETP

RSW

PRO

BOG

WGW

CRUSTAL MODEL Table 1

<u>Velocity in km./sec.</u>	<u>Depth in km.</u>
3.7	0.0
4.7	0.8
5.1	1.5
6.1	7.5
6.8	15.0
8.0	28.0

DATE	ORIGIN	LAT	LONG	DEPTH	MAG.	NO	DM	LAP	RMS	ERTH	FRZ	DATE			
75095	741	4.82	47- 5.24	119-44.53	10.30	2.34	9	325	29.5	.14	31.8	5.0	01	APR 5	
75099	1253	15.93	47- 8.24	119-22.86	.17	1.31	6	321	31.0	.23	6.5	6.7	01	APR 9	
75099	2026	54.37	47- 5.45	117-55.34	3.00	2.24	8	330	113.0	.07	26.7	29.1	01	APR 9	
75100	1057	23.55	46-50.31	120-58.88	1.70	4.01	12	323	96.4	.15	13.8	14.0	01	APR 10	
75100	2129	34.45	46-25.42	119-15.86	1.44	2.38	6	117	2.1	.09	.8	.8	01	APR 10	
75101	1624	53.72	46-42.48	113-20.12	1.80	2.73	7	315	62.0	.22	41.0	43.6	01	APR 11	
75103	6	0	24.73	46-25.73	119-15.24	1.50	1.86	5	113	2.7	.05	.4	92.3	01	APR 13
75103	625	32.41	46-25.59	119-15.22	1.54	1.93	8	117	2.3	.06	.5	1.9	31	APR 13	
75103	633	22.20	46-25.73	119-15.22	1.50	1.44	5	122	1.7	.09	1.8	193.7	01	APR 13	
75103	654	20.51	46-25.32	119-15.55	1.50	1.77	6	117	2.5	.10	.7	155.7	01	APR 13	
75103	711	31.51	46-25.64	119-15.52	.15	1.28	7	123	2.6	.13	.7	.8	01	APR 13	
75103	1619	18.39	46-25.76	119-15.35	1.61	2.05	7	117	2.5	.03	.5	.4	01	APR 13	
75103	1626	38.70	46-25.33	119-15.50	2.19	1.53	6	117	2.4	.07	.5	1.1	01	APR 13	
75103	1639	25.44	46-25.56	119-15.32	.89	2.15	7	125	21.8	.10	.8	4.7	01	APR 13	
75103	1742	57.74	46-25.78	119-15.16	.14	1.70	5	118	2.7	.04	.4	.7	01	APR 13	
75103	2358	5.17	46-25.87	119-15.86	1.80	2.16	9	114	1.8	.08	.4	.7	01	APR 13	
75104	1	5	54.01	46-25.12	119-15.56	2.75	2.25	8	114	2.5	.05	.5	01	APR 14	
75104	1238	11.54	46-25.68	119-15.56	1.77	1.76	6	118	2.1	.03	.5	.7	01	APR 14	
75104	1435	54.67	46-25.20	119-15.72	2.00	2.19	8	112	2.1	.04	.5	.4	01	APR 14	
75105	3	1	15.10	46-25.62	119-15.54	.50	1.79	5	150	2.2	.06	1.3	.7	01	APR 15
75106	029	50.31	46-30.83	118-58.46	1.30	1.58	7	254	17.8	.09	1.5	2.3	01	APR 16	
75107	315	49.04	46-25.63	119-15.52	.71	1.55	7	117	2.3	.03	.2	.5	01	APR 17	
75107	18	0	10.43	46-30.21	119- 1.81	.20	1.66	7	232	15.0	.04	.8	01	APR 17	
75107	1912	30.27	46-24.04	119-15.55	1.50	1.60	4	260	4.1	.05	.5	.8	01	APR 17	
75108	458	2.44	46-50.66	121- .05	1.80	4.06	8	33+105.4	.15	12.0	11.8	01	APR 18		
75110	1748	10.04	46-25.35	119-15.14	2.00	2.22	9	113	2.8	.03	.2	.2	01	APR 20	
75112	1216	30.02	46-20.36	119-14.95	1.10	2.36	8	114	3.1	.03	.2	.4	01	APR 22	
75112	1355	40.00	46-25.73	119-15.42	3.50	2.31	6	117	2.4	.07	.5	.9	01	APR 22	
75113	1	4	.44	46-49.36	120-44.24	4.4.87	4.12	6	326	84.3	.09	21.5	7.7	01	APR 23
75113	2221	3.09	46-25.34	119-15.44	2.90	1.26	6	112	2.5	.05	.4	.7	01	APR 23	
75116	532	45.02	46-35.44	119-25.13	5.30	2.04	4	260	12.4	.11	2.6	.9	01	APR 25	
75117	829	1.66	46-25.25	119-15.17	.61	1.45	4	187	2.8	.00	.5	.7	01	APR 27	
75119	3	0	56.10	46-25.24	119-16.19	3.00	2.10	5	166	1.5	.03	.7	.4	01	APR 29
75119	2146	29.46	45-44.24	119- 4.24	3.00	2.56	6	341	63.7	.06	71.4	48.8	01	APR 29	
75122	240	38.74	46-26.09	119-15.55	3.00	1.43	2	116	2.2	.01	.1	.1	01	MAY 2	
75125	2013	21.18	46-25.96	119-15.31	.50	2.37	7	205	2.5	.08	.6	.6	01	MAY 5	
75126	7	1	35.18	46-26.07	119-15.31	.41	2.26	7	115	2.5	.01	.1	01	MAY 6	
75126	7	7	40.79	46-25.49	119-16.03	.64	1.76	5	143	1.9	.07	1.4	.8	01	MAY 6
75129	934	25.20	46-25.27	119-15.53	1.56	3.03	10	125	1.9	.04	.6	.7	01	MAY 9	

DATE	ORIGIN	LAT	LONG	DEPTH	MAG	NO	DM	LAP	RMS	ERH	FRZ	Q	DATE		
75129	2052	15.56	45-45.53	119-13.15	1.55	2.29	5	287	19.7	.155	25.1292	.3	D1	MAY 9	
75131	242	21.07	45-25.48	119-14.69	.18	2.50	5	191	3.3	.11	1.8	2.0	C1	MAY 11	
75131	354	20.28	45-25.37	119-15.61	.04	1.70	7	121	2.3	.08	.4	.4	B1	MAY 11	
75131	1010	.35	45-25.74	119-15.76	.32	2.47	6	115	2.0	.09	.7	.7	B1	MAY 11	
75132	921	55.73	45-25.92	119-15.60	.90	2.13	8	114	1.9	.10	.5	1.1	B1	MAY 12	
75132	952	41.55	45-25.57	119-15.71	.53	1.97	6	117	2.1	.04	.4	.4	B1	MAY 12	
75132	10	9	19.42	45-26.11	1.9-16.04	.50	1.70	5	115	1.5	.07	1.1	1.1	C1	MAY 12
75132	10	9	45.52	45-25.07	119-15.91	1.20	1.89	7	112	1.8	.08	.5	.3	B1	MAY 12
75132	1029	23.33	45-26.43	119-15.87	.90	1.93	5	183	2.0	.08	1.1	1.5	C1	MAY 12	
75132	1236	30.42	45-25.57	119-15.47	.03	1.75	7	118	2.4	.02	.1	.2	B1	MAY 12	
75134	530	20.35	45-25.41	119-15.42	.90	2.28	10	153	2.5	.07	.4	.7	B1	MAY 14	
75135	920	21.98	45-25.78	119-15.83	1.41	1.95	5	115	1.9	.00	.0	.0	C1	MAY 15	
75135	936	52.34	45-25.15	119-15.95	5.13	1.78	3	130	16.2	.04			C1	MAY 15	
75135	939	33.30	45-25.83	119-15.02	.50	2.27	9	114	1.5	.07	.4	.4	B1	MAY 15	
75136	246	31.06	45-26.57	119-15.96	1.50	1.78	8	123	2.3	.26	1.0	351.1	C1	MAY 16	
75136	420	17.45	45-28.37	119-14.97	1.70	2.10	5	205	5.4	.21	4.5	37.8	D1	MAY 16	
75136	2139	34.92	45-25.93	119-16.12	.70	2.26	11	112	1.5	.19	.5	.7	B1	MAY 16	
75137	916	41.09	45-25.23	119-16.35	2.55	2.95	6	115	1.3	.05	.4	.7	B1	MAY 17	
75137	1942	17.70	45-27.14	119-15.70	.40	1.92	6	190	3.0	.07	.5	.4	C1	MAY 17	
75138	223	30.71	45-55.95	119-35.12	3.00	1.49	3	311	20.1	.00			C1	MAY 18	
75138	1635	3.27	45-25.62	119-16.15	.04	1.81	5	147	1.9	.06	1.0	1.0	C1	MAY 18	
75138	1929	58.53	45-25.14	119-15.73	.50	3.05	8	181	2.0	.12	.9	.7	C1	MAY 18	
75139	2311	58.90	45-25.57	119-15.55	1.00	1.77	6	117	2.3	.09	.5	1.7	B1	MAY 19	
75141	231	57.95	45-50.40	119-10.57	1.50	1.27	8	277	12.4	.16	2.0	1.9	C1	MAY 21	
75141	826	54.76	45-26.35	119-15.92	.70	1.95	6	115	.9	.14	1.5	.7	B1	MAY 21	
75141	1545	5.55	45-25.74	119-15.42	.50	1.36	6	117	2.4	.02	.1	.1	B1	MAY 21	
75141	1640	27.43	45-25.14	119-15.50	1.92	2.54	10	115	2.3	.01	.1	.1	B1	MAY 21	
75141	1936	1.18	45-25.19	119-15.54	1.72	2.76	11	115	2.3	.05	.2	.5	B1	MAY 21	
75142	422	54.44	45-25.54	119-15.54	.50	1.79	6	117	2.2	.03	.3	.3	B1	MAY 22	
75142	1331	33.33	45-23.71	119-10.24	.71	3.21	11	154	9.9	.08	.3	2.5	C1	MAY 22	
75142	2018	55.32	45-40.42	119-10.54	2.15	2.97	7	293	25.5	.04	1.4	.5	C1	MAY 22	
75142	2022	45.29	45-23.23	119-10.13	.65	2.30	5	170	10.5	.13	1.5	2.9	C1	MAY 22	
75143	016	2.91	45-50.34	119-16.30	15.20	2.55	10	259	8.8	.06	1.2	.8	C1	MAY 23	
75144	026	58.37	45-26.35	119-16.11	.50	2.53	7	120	1.7	.04	.5	.2	B1	MAY 24	
75144	2027	59.30	45-25.72	119-15.92	2.70	2.31	5	115	15.4	.05	.7	41.5	D1	MAY 24	
75145	226	18.45	45-5.35	119-37.97	12.00	2.58	5	287	14.3	.12	5.7	1.3	D1	MAY 25	
75146	1947	32.27	45-23.77	119-10.25	2.70	2.27	4	163	9.8	.02			C1	MAY 26	
75148	1315	54.15	45-25.72	119-15.26	2.90	2.30	5	185	3.1	.17	2.4	5.0	D1	MAY 28	
75148	2258	19.59	45-17.49	118-3.89	2.00	2.57	3	342	75.8	.02			C1	MAY 28	

DATE	ORIGIN	LAT	LONG	DEPTH	MAG	NO	DM	LAP	RMS	ERT	ERZ	Q	DATE		
75149	1951	20.09	46-25.77	119-15.84	1.32	1.74	5	112	1.3	.01	.2	.1	C1	MAY 29	
75150	652	0.13	46-25.14	119-15.40	.06	1.84	5	194	1.9	.03	.3	.3	C1	MAY 30	
75150	1241	27.70	46-25.33	119-16.44	.62	2.06	9	102	1.3	.06	.3	.8	B1	MAY 30	
75152	23	4	54.68	45-58.40	116-20.05	3.00	2.47	8	251	9.3	.05	2.0	3.0	D1	JUN 1
75154	922	11.57	46-25.80	119-15.75	.30	1.54	5	114	.7	.08	.7	.7	C1	JUN 3	
75154	1248	21.09	46-25.23	119-15.04	1.77	2.27	3	110	1.6	.04	.4	.9	B1	JUN 3	
75155	1250	13.54	46-25.25	119-15.61	1.90	1.24	8	108	1.1	.05	.3	.5	B1	JUN 4	
75156	055	25.24	46-25.75	119-15.13	4.07	1.24	6	282	14.2	.06	1.0	.7	C1	JUN 5	
75158	424	57.70	46-45.84	119-20.74	3.00	2.25	5	262	14.7	.06	.9	7.4	D1	JUN 7	
75158	646	59.53	46-25.43	119-15.51	1.20	2.53	7	114	1.9	.11	.7	16.2	C1	JUN 7	
75158	654	34.50	46-25.03	119-15.91	2.40	1.46	5	119	.5	.04	.0	.7	C1	JUN 7	
75158	928	49.38	46-25.41	119-15.63	.20	1.74	6	111	1.2	.08	.7	2.0	B1	JUN 7	
75158	11	3	5.57	46-25.65	119-15.57	.44	1.43	7	112	1.6	.03	.2	.2	B1	JUN 7
75158	1451	21.25	46-25.67	119-15.00	1.50	2.23	7	188	3.2	.13	1.0	2.0	C1	JUN 7	
75159	1450	14.56	46-25.14	119-19.42	1.50	1.22	6	81	2.8	.40	1.9	24.2	B1	JUN 8	
75160	1026	4.36	46-25.37	119-15.15	.37	2.06	8	112	1.8	.10	.4	.4	B1	JUN 9	
75164	1047	34.57	46-24.60	119-15.74	.15	1.70	3	192	2.0	.10	.2	.4	C1	JUN 13	
75165	1037	52.00	46-25.35	119-15.14	.10	1.57	6	180	1.8	.16	2.0	1.4	C1	JUN 14	
75165	1040	23.28	46-25.44	119-15.20	.37	2.03	10	104	1.7	.10	.4	.6	B1	JUN 14	
75165	1518	35.12	46-35.81	119-17.53	19.10	1.20	6	238	2.4	.15	1.9	1.7	C1	JUN 14	
75166	1427	40.74	46-25.60	119-15.94	.30	3.75	6	112	1.5	.09	.0	1.3	B1	JUN 15	
75166	1751	31.21	46-14.25	119-15.23	1.50	3.14	10	141	16.2	.19	.2	.8	C1	JUN 15	
75166	2154	32.33	46-25.34	119-15.64	1.33	2.41	4	107	1.2	.07	.3	.4	B1	JUN 15	
75167	1954	49.09	46-35.83	119-22.74	3.40	3.01	11	74	5.4	.06	.3	.5	B1	JUN 16	
75168	216	51.27	46-14.48	119-15.72	1.50	2.24	5	258	15.4	.08	1.5	1.0	C1	JUN 17	
75168	18	1	4.77	46-14.34	119-15.74	1.50	2.43	10	143	17.1	.14	.4	C1	JUN 17	
75169	054	33.06	46-35.54	119-13.35	4.00	1.73	7	242	3.2	.11	1.9	1.3	C1	JUN 18	
75174	2254	31.28	46-45.10	119-15.25	24.01	2.34	6	337	115.5	.20	129.3	359.4	D1	JUN 23	
75175	416	21	46-25.74	119-15.25	.75	1.73	7	112	1.6	.11	.2	.5	B1	JUN 25	
75176	2210	4.87	46-25.64	119-15.64	.40	2.24	10	111	.8	.10	.2	.5	B1	JUN 25	
75179	721	43.91	46-25.13	119-15.75	1.20	1.34	6	117	.8	.13	.1	.2	B1	JUN 28	
75179	1614	50.85	46-15.52	119-17.50	6.00	2.43	5	244	11.5	.01	.0	.2	C1	JUN 28	
75179	1633	42.38	46-17.05	119-17.35	15.50	3.25	11	264	11.9	.78	22.0	9.5	D1	JUN 28	
75179	1651	43.55	46-17.23	119-17.05	7.43	3.36	11	251	10.3	.12	2.0	.6	C1	JUN 28	
75179	1654	14.12	46-15.45	119-17.20	10.40	2.33	5	302	11.0	.10	4.0	3.3	D1	JUN 28	
75179	2217	1.20	46-15.54	119-17.44	1.40	2.31	4	294	13.4	.08	1.1	1.1	C1	JUN 28	
75179	2217	52.58	46-15.52	119-17.03	2.70	3.43	13	232	11.5	.11	1.0	.0	C1	JUN 28	
75179	2224	34.38	46-15.08	119-17.13	5.10	1.24	5	307	12.0	.04	2.5	4.4	D1	JUN 28	
75179	2227	45.07	46-17.63	119-17.10	2.20	3.56	12	257	9.2	.16	2.2	1.3	D1	JUN 28	
75179	2358	43.51	46-15.25	119-17.12	4.00	2.01	7	295	14.4	.08	1.4	2.6	C1	JUN 28	
75180	124	13.29	46-15.33	119-17.24	2.00	2.40	11	291	12.0	.04	1.6	.4	C1	JUN 29	
75180	1042	45.40	46-15.13	119-17.57	7.20	3.22	11	242	14.8	.07	2.7	.6	D1	JUN 29	

TABLE II

EASTERN WASHINGTON EARTHQUAKES JAN - JUNE 1975

DATE	DAY	TIME	LAT	LONG	DEPTH	MAG	#	Q	TYPE
1/ 1/75	1	348:21.5	46-49.64	119-30.12	3.0	1.5	11	C	
1/ 1/75	1	19 3: 5.2	46-23.78	119-10.38	0.9	.8	8	C	
1/ 2/75	2	5 4:49.9	46-47.83	119-29.58	3.0	1.0	13	C	
1/ 2/75	2	7 0:19.2	46-24.80	119- 1.93	1.8	.7	10	D	
1/ 2/75	2	12 1:10.3	46-49.92	119-29.58	3.9	.9	13	C	
1/ 2/75	2	1839:21.7	46-44.46	119-20.63	1.5	.3	7	B	
1/12/75	12	034:44.0	46-24.61	119- 1.46	0.7	1.1	9	C	
1/14/75	14	21 4:53.1	46-47.83	119-28.87	1.9	.8	9	B	
1/22/75	22	4 4: 3.1	46-24.58	118-59.66	0.1	.9	9	D	
1/22/75	22	439:21.5	46-24.36	119- 0.65	0.8	.9	10	C	
1/31/75	31	1126: 9.1	46-26.03	119-15.76	0.9	.4	8	B	
2/ 2/75	33	559:30.8	46-38.50	119- 6.97	1.8	.4	11	C	
2/ 3/75	34	1432:10.7	46-36.54	119-35.64	15.3	.7	11	B	
2/ 5/75	36	1010:40.4	46-14.73	119-29.28	1.5	.4	6	C	
2/ 5/75	36	2259:10.0	46- 9.89	118-38.37	3.0	1.2	13	C	
2/10/75	41	033: 7.6	46-51.78	119-22.12	2.0	.5	7	C	
2/10/75	41	1810:55.0	46-14.80	119-29.79	3.0	.9	9	C	
2/11/75	42	2052:17.8	46-14.60	119-29.68	0.1	.9	10	C	
2/17/75	48	1220:40.8	46-36.48	119-45.12	7.4	.5	9	B	
2/25/75	56	142:39.5	46-51.98	119-10.20	2.2	.8	11	C	
2/25/75	56	720: 6.6	46-24.04	118-59.74	0.2	.4	7	D	
4/ 5/75	95	741: 4.8	47- 6.84	119-44.53	12.4	1.9	9	D	
4/ 9/75	99	1253:15.9	47- 6.96	119-22.98	1.5	1.2	6	D	
4/ 9/75	99	2026:55.6	47- 4.43	118- 2.45	2.7	2.4	6	D	
4/10/75	100	2129:34.5	46-25.42	119-15.86	1.4	1.9	6	B	

TABLE II

DATE	DAY	TIME	LAT	LONG	DEPTH	MAG	#	G	TYPE
4/11/75	101	1624:58.9	46-42.88	118-20.12	3.0	2.2	7	D	
4/13/75	103	6 0:30.0	46-25.73	119-15.24	0.8	1.3	6	B	
4/13/75	103	625:32.3	46-25.64	119-15.17	0.2	1.4	6	B	
4/13/75	103	633:22.2	46-25.73	119-15.63	1.3	.8	5	C	
4/13/75	103	654:20.5	46-25.35	119-15.35	1.2	1.2	6	C	
4/13/75	103	711:31.5	46-26.64	119-15.58	0.3	1.3	7	B	
4/13/75	103	1619:18.4	46-25.70	119-15.36	1.0	1.6	7	B	
4/13/75	103	1626:38.7	46-25.19	119-15.30	0.6	1.0	6	B	
4/13/75	103	1639:25.5	46-25.56	119-15.32	0.2	1.6	7	C	
4/13/75	103	1742:57.9	46-25.78	119-15.16	1.5	1.1	5	C	
4/13/75	103	2358: 5.2	46-25.87	119-15.75	1.8	1.7	9	B	
4/14/75	104	1 5:54.1	46-26.18	119-15.22	2.1	1.8	9	B	
4/14/75	104	1238:11.9	46-25.74	119-15.54	1.1	1.2	6	B	
4/14/75	104	1435:54.7	46-26.25	119-15.68	1.2	1.8	8	C	
4/15/75	105	3 1:15.1	46-25.86	119-15.66	0.5	1.2	5	C	
4/16/75	106	029:50.6	46-36.50	118-59.31	1.5	1.0	7	C	
4/17/75	107	315:49.6	46-25.66	119-15.33	0.4	1.3	7	B	
4/17/75	107	18 0:10.6	46-36.20	119- 1.54	0.8	1.0	7	C	
4/17/75	107	1912:30.5	46-25.20	119-14.91	0.8	1.0	5	C	
4/20/75	110	1748:10.9	46-26.35	119-15.25	1.1	1.8	9	B	
4/22/75	112	1216:30.9	46-26.30	119-14.95	1.1	2.0	8	C	
4/22/75	112	1355:40.1	46-25.73	119-15.42	3.5	1.9	6	B	
4/23/75	113	2221: 3.1	46-26.48	119-15.44	2.7	1.5	5	C	
4/26/75	116	532:44.8	46-35.63	119-56.22	5.3	1.4	7	C	
4/27/75	117	829: 1.6	46-26.32	119-15.21	0.3	1.0	4	C	

TABLE II

DATE	DAY	TIME	LAT	LONG	DEPTH	MAG	#	Q	TYPE
4/29/75	119	3 0:56.2	46-26.33	119-15.96	2.6	1.7	6	B	
4/29/75	119	2146:29.0	45-49.24	119- 3.66	3.0	2.2	7	C	
5/ 2/75	122	240:38.8	46-26.08	119-15.55	2.7	1.4	5	C	
5/ 5/75	125	2013:21.2	46-26.13	119-15.31	0.2	2.0	7	C	
5/ 6/75	126	7 1:35.2	46-26.05	119-15.26	0.1	1.8	7	B	
5/ 6/75	126	7 7:40.8	46-26.62	119-16.10	0.7	1.1	5	C	
5/ 9/75	129	934:25.3	46-26.01	119-15.83	1.3	2.8	10	C	
5/ 9/75	129	2052:16.8	45-45.53	118-33.15	3.0	2.7	5	D	
5/11/75	131	242:21.3	46-25.98	119-15.66	0.3	2.3	8	B	
5/11/75	131	354:20.3	46-26.37	119-15.80	0.4	1.1	7	B	
5/11/75	131	1010: 0.4	46-25.90	119-15.76	0.4	1.6	6	B	
5/12/75	132	921:55.9	46-25.99	119-15.80	0.6	1.7	8	B	
5/12/75	132	952:41.9	46-25.57	119-15.74	0.7	1.5	6	B	
5/12/75	132	10 9:19.4	46-26.11	119-15.67	0.0	1.1	7	B	
5/12/75	132	10 9:46.6	46-26.07	119-15.83	1.2	1.3	7	C	
5/12/75	132	1029:23.3	46-26.43	119-15.87	0.9	1.3	6	B	
5/12/75	132	1236:30.6	46-25.66	119-15.56	0.8	1.2	7	B	
5/14/75	134	530:20.6	46-26.39	119-15.42	0.3	2.1	11	B	
5/15/75	135	920:22.0	46-25.89	119-15.80	1.0	1.5	6	B	
5/15/75	135	936:52.9	46-25.91	119-16.19	3.0	1.3	4	C	
5/15/75	135	939:33.4	46-25.83	119-16.02	0.5	1.8	9	B	
5/16/75	136	246:30.9	46-26.00	119-15.90	0.7	1.2	5	C	
5/16/75	136	420:18.1	46-27.13	119-16.57	1.7	1.7	5	D	
5/16/75	136	2139:38.9	46-25.44	119-15.50	0.2	1.8	14	B	
5/17/75	137	916:41.1	46-26.24	119-16.21	2.3	1.6	6	B	

TABLE II

DATE	DAY	TIME	LAT	LONG	DEPTH	MAG	#	Q	TYPE
5/17/75	137	1942:17.8	46-26.84	119-15.57	0.4	1.4	6	C	
5/18/75	138	228:31.0	46-54.91	119-35.78	0.8	.8	5	C	
5/18/75	138	1635:3.3	46-26.34	119-15.99	0.1	1.2	5	C	
5/18/75	138	1929:58.7	46-25.78	119-15.73	0.6	2.1	8	C	
5/19/75	139	2311:58.8	46-25.74	119-15.28	0.3	1.2	6	B	
5/21/75	141	231:58.0	46-50.80	119-10.57	1.5	1.3	10	C	
5/21/75	141	826:58.8	46-26.00	119-16.52	0.8	1.3	5	C	
5/21/75	141	1545:9.7	46-25.84	119-15.42	0.6	1.3	6	B	
5/21/75	141	1640:27.5	46-26.12	119-15.54	1.8	2.2	10	B	
5/21/75	141	1936:1.2	46-26.19	119-15.51	1.1	2.0	10	B	
5/22/75	142	422:54.5	46-25.67	119-15.64	0.5	1.2	6	B	
5/22/75	142	1331:33.3	46-23.71	119-10.24	0.3	2.8	11	C	
5/22/75	142	2018:56.9	45-42.68	118-33.66	3.0	2.8	7	D	
5/22/75	142	2022:48.3	46-23.23	119-9.80	0.4	1.9	5	C	
5/23/75	143	016:2.6	46-50.54	119-15.50	17.7	2.4	10	C	
5/24/75	144	026:58.4	46-26.36	119-16.23	0.6	1.6	8	B	
5/24/75	144	2027:59.8	46-25.75	119-16.05	3.0	1.5	5	D	
5/25/75	145	226:18.5	46-5.35	119-37.42	12.0	2.2	6	D	
5/28/75	148	2257:26.9	47-23.50	119-19.95	3.0	1.5	7	D	
5/28/75	148	2258:20.7	46-16.11	118-10.86	2.0	2.2	6	D	
5/29/75	149	1951:26.5	46-25.83	119-15.99	1.2	1.3	5	D	
5/30/75	150	652:6.3	46-25.19	119-16.97	0.1	1.3	6	C	
5/30/75	150	1241:27.8	46-26.33	119-16.44	0.6	1.6	8	B	
6/ 1/75	152	23 4:59.8	45-59.13	118-22.30	3.0	2.2	10	D	P
6/ 3/75	154	922:11.5	46-26.07	119-16.52	0.6	.8	4	C	

TABLE II

DATE	DAY	TIME	LAT	LONG	DEPTH	MAG	#	Q	TYPE
6/ 3/75	154	1248:22.0	46-26.23	119-16.09	1.3	2.2	7	B	
6/ 4/75	155	1250:13.7	46-26.26	119-16.48	1.4	1.5	8	B	
6/ 5/75	156	055:25.7	46-51.55	119-10.13	1.5	1.4	7	D	
6/ 7/75	158	424:57.9	46-46.89	119-50.31	1.5	1.8	6	D	
6/ 7/75	158	646:59.7	46-25.93	119-15.81	1.5	2.3	7	B	
6/ 7/75	158	654:34.6	46-25.93	119-16.49	1.7	1.4	5	C	
6/ 7/75	158	928:49.4	46-26.41	119-16.63	0.8	1.1	6	B	
6/ 7/75	158	11 3: 8.6	46-26.64	119-16.35	0.1	1.5	6	B	
6/ 7/75	158	1451:21.8	46-26.87	119-15.62	1.5	1.5	6	D	
6/ 8/75	159	1450:14.6	46-26.14	119-18.85	0.1	1.2	9	B	
6/ 9/75	160	1026: 4.5	46-25.37	119-16.65	0.6	1.7	9	B	
6/13/75	164	1047:34.7	46-25.00	119-16.83	0.7	1.1	6	C	
6/14/75	165	1040:23.6	46-26.62	119-16.47	0.1	1.5	11	B	
6/14/75	165	1518:36.1	46-36.81	119-47.42	10.1	1.2	8	C	
6/15/75	166	1427:40.8	46-26.60	119-16.69	0.9	4.3	6	B	
6/15/75	166	1751:31.5	46-14.25	119- 6.23	0.1	3.1	10	C	F
6/15/75	166	2159:35.4	46-26.39	119-16.82	1.3	2.0	9	B	
6/16/75	167	1959:48.1	46-36.83	119-32.79	3.9	2.5	11	B	
6/17/75	168	216:41.2	46-14.57	119- 6.93	0.1	1.9	5	D	
6/17/75	168	18 1: 9.7	46-14.34	119- 5.75	0.5	2.1	10	C	
6/18/75	169	054:33.1	46-36.54	119-47.46	9.8	1.1	7	C	
6/25/75	176	416: 0.2	46-26.41	119-16.32	0.2	1.1	6	B	
6/25/75	176	2216: 9.8	46-25.87	119-16.84	0.9	1.8	9	B	
6/28/75	179	721:45.8	46-26.43	119-16.49	0.4	.5	7	B	
6/28/75	179	1619:51.2	46- 7.61	119-41.06	7.8	2.0	7	D	

TABLE II

DATE	DAY	TIME	LAT	LONG	DEPTH	MAG	#	Q	TYPE
6/28/75	179	1633:43.7	46- 7.77	119-42.13	10.7	3.3	10	C	
6/28/75	179	1651:48.5	46- 7.23	119-41.65	7.9	2.4	10	D	
6/28/75	179	1654:19.2	46- 6.95	119-41.81	10.4	1.5	5	D	
6/28/75	179	2217: 1.9	46- 8.13	119-40.90	8.9	2.0	9	C	
6/28/75	179	2217:52.7	46- 7.09	119-41.83	10.4	3.8	12	C	F
6/28/75	179	2224:38.8	46- 7.29	119-41.72	8.1	1.3	6	C	
6/28/75	179	2227:46.8	46- 7.63	119-41.95	8.2	4.4	10	C	
6/28/75	179	2358:49.4	46- 7.41	119-42.85	9.7	1.5	7	C	
6/29/75	180	124:13.7	46- 6.05	119-43.02	10.9	2.2	10	C	
6/29/75	180	1042:45.9	46- 5.13	119-44.57	10.3	2.2	9	C	
7/ 1/75	182	446:19.6	46-48.73	119-23.15	1.2	1.6	6	C	
7/ 1/75	182	528: 2.2	45-37.68	120- 0.11	1.5	3.6	11	D	

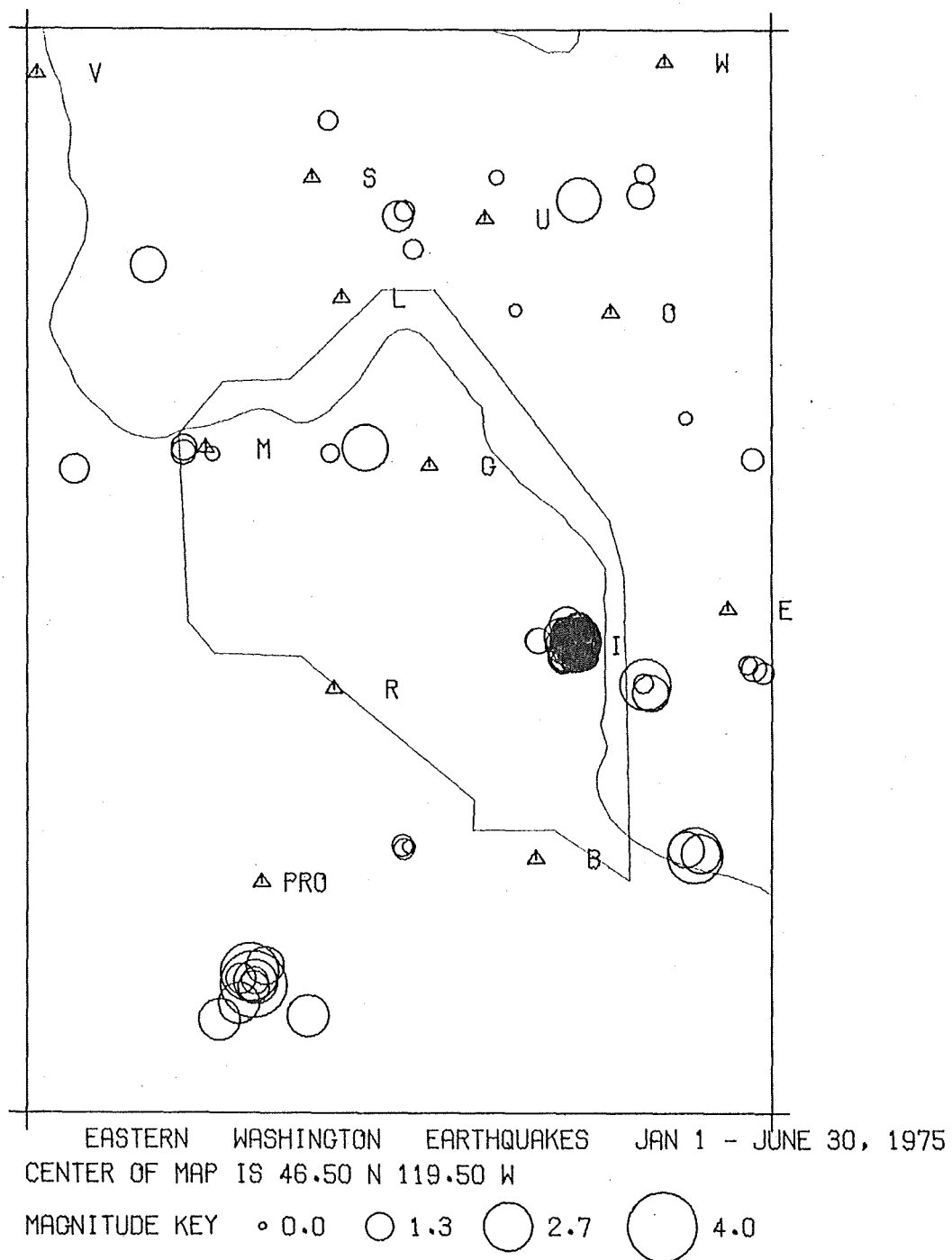


Figure I-2 Hanford area earthquakes for the first half of 1975. Triangles are U.S.G.S. stations active at the time.