

UNITED STATES DEPARTMENT OF THE INTERIOR

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Index of Stress Data for the North American and Parts of the Pacific Plate

Mary Lou Zoback1
Mark D. Zoback1
Mara E. Schiltz1

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This report is preliminary and has not been reviewed for conformity with U.S. Geological Survey editorial standards and stratigraphic nomenclature.

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345 Middlefield Rd.
Menlo Park, CA 94025

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INDEX OF STRESS DATA FOR THE NORTH AMERICAN AND PARTS OF THE PACIFIC PLATE

This index contains data on principal stress orientations for the entire North American plate including the Western Atlantic Basin as well as parts of the westernmost Pacific plate. The data are plotted on the maps in Figures 1 and 2. The primary source for these data is a compilation of stress data for the conterminous United States by Zoback and Zoback (1980) although many new data have been added and several data have been deleted from the compilation after re-evaluation. The index numbers associated with these deleted data have not been reused in order to avoid confusion when comparing the current data set with the original compilation. Most of the data in western Canada comes from Gough and Bell (1981) and Gough and others (1983), the data in eastern Canada are taken from the compilation of Hasegawa and Adams (198), and the Alaskan data are from Nakamura and others (1977). Data points in the Western Atlantic are discussed in Zoback and others (1984).

The contents of this stress data index are displayed in an easy-to-read form on Table 1. The data in the file are arranged alphabetically by state and are generally indexed within each state from south to north. For each site, the location, azimuth of maximum principal horizontal stress, stress regime, and the type of indicator are listed. Details regarding the types of stress indicators can be found in Zoback and Zoback (1980) with the exception of the indicator, IS-PC. A summary of this method is given in Bollinger and Wheeler (1982). This file does not contain site names, individual references, or detailed comments for each record. This information will be included in a separate report which will be keyed to the data file described here. The use of a software map plotting package, GEOPLOT (Ward, 1984), to plot data from this file on any standard map projection about any pole is also the subject of a separate U. S. Geological Survey open file report (Schiltz, 1984).

A sample of the actual data file is shown on Figure 3. The data are in the following format:

State Name	State Index	Latitude	Longitude	Azimuth maximum horiz.princ. stress	Stress regime	Type of indicator	Orient. index	Location index
(1) a2,	(2) i3,	(3) f10.3,	(4) f10.3,	(5) lx, i3, lx	(6) ,	(7) a5, lx, a7, 2x	(8) ,	(9) il, lx, il

1. State name is given by the two letter postal abbreviation.
2. State index gives the numbering of data points within each state.
3. Latitude is given in decimal degrees, north latitude positive.
4. Longitude is given in decimal degrees, east longitude positive.
5. Azimuth (0° to 360°) of maximum horizontal principal stress measured clockwise from north.
6. The stress regimes indicated are:
 N - normal faulting
 SS - strike slip faulting
 T - thrust or reverse faulting
 "?" - indicates stress regime is uncertain
 Two regime types separated by a slash indicate mixed modes of deformation; the predominant stress regime is listed first.
7. The types of stress indicators are divided into three main categories:
Geologic indicators:
 G-VA Volcanic alignment (primarily dikes and cinder cones)
 G-FS Fault slip based on strike of fault and primary sense of offset
 G-FS(G) Fault slip indicated by grooves and slickensides
 G-FS(H) Fault slip based on measured offsets in historic earthquakes

Earthquake focal mechanisms:

FM(S) Single event mechanism
 FM(C) Composite mechanism
 FM(A) Average stress direction inferred from several single event
 or composite mechanisms (considered the most reliable)

In-situ stress measurements:

IS-HF Hydraulic fracture
 IS-OC Overcore
 IS-DE Drill-hole elongation
 IS-PC Fractures observed in petal-centerline cores (Bollinger and
 Wheeler, 1982)

In some cases several types of indicators are available for a single site. In these cases, the stress indicator code is:

M - Mixed, detailed comments (separate file), provide
 additional information

8. Index to indicate uncertainty in location. If index has a value of 1, then location is approximate.
9. Index to indicate uncertainty in stress orientation. If index has a value of 1, then orientation is approximate. Detailed comments (separate file) provide more information on the nature of the uncertainty.

REFERENCES

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FIGURE CAPTIONS

Figure 1: Maximum principal horizontal stress orientations from data index for much of North America. Transverse Mercator projection, central meridian 100°W.

Figure 2: Maximum principal horizontal stress orientations from data index for Alaska and surrounding regions. Transverse Mercator projection, central meridian 100°W.

Figure 3: Sample of records in stress data file.

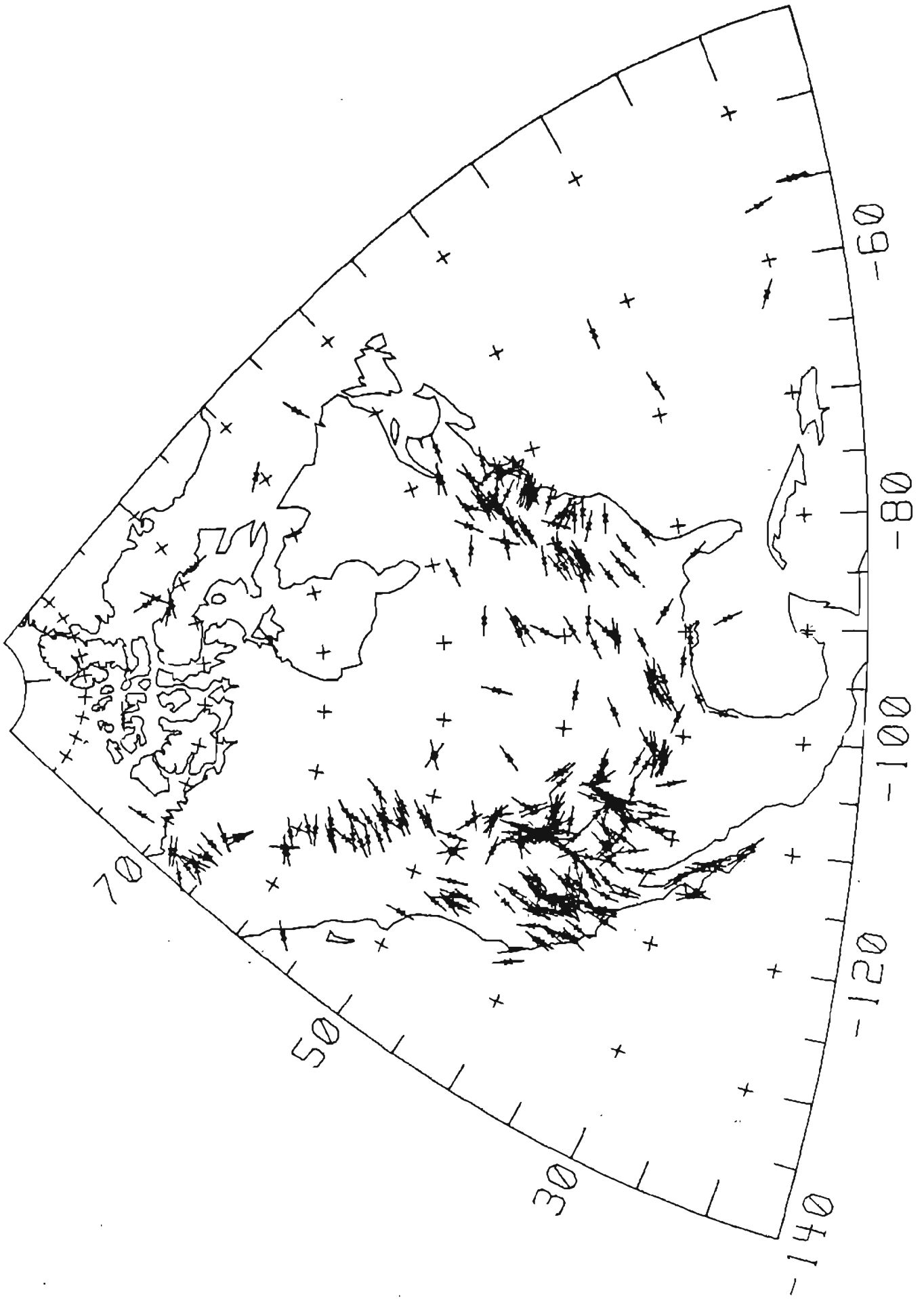


Figure 1

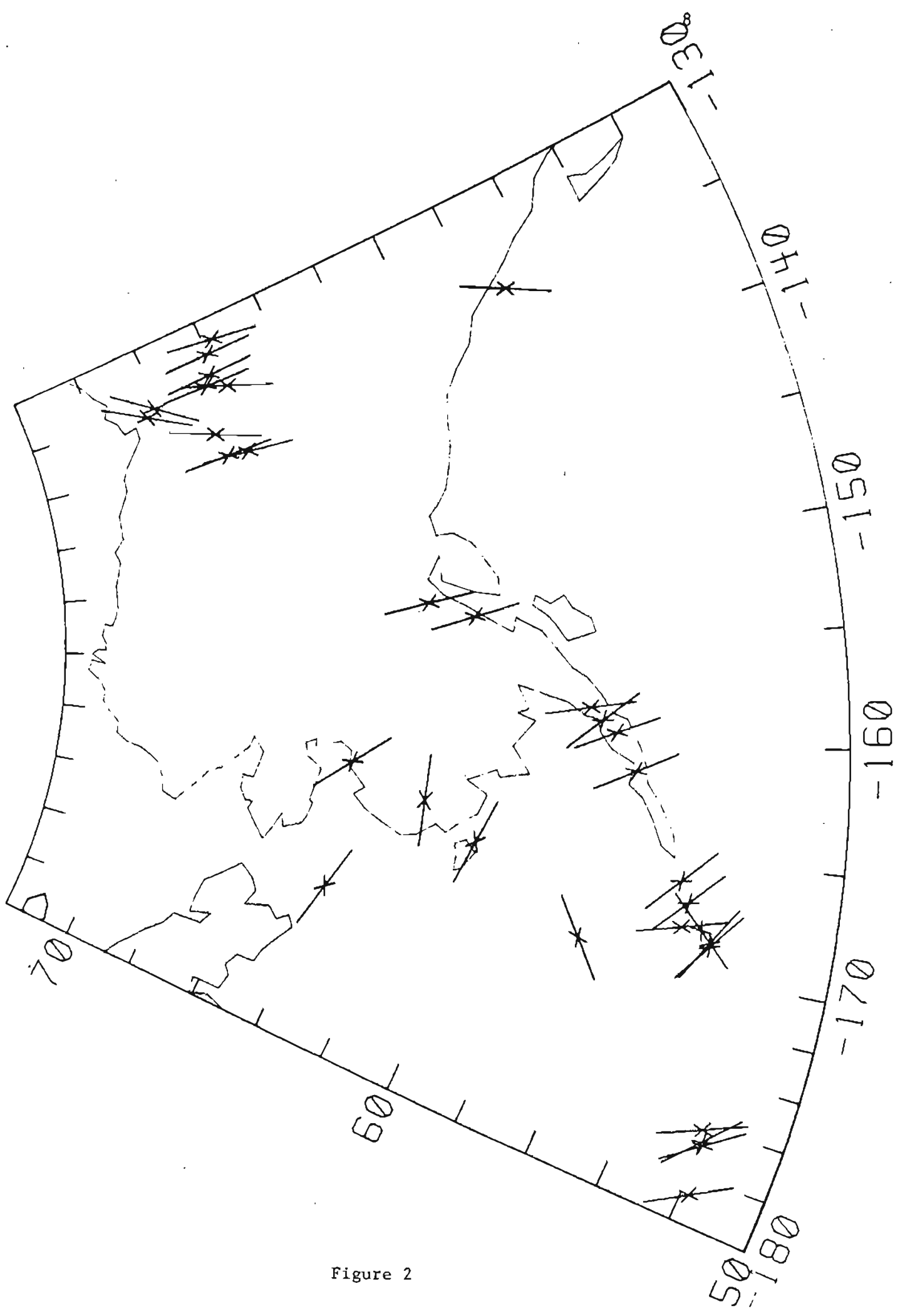


Figure 2

AL	1	31.650	-87.910	305	M	G-FS	U	1
AK	1	51.800	-178.000	315	SS?	G-VA	U	U
AK	2	51.933	-176.750	310	SS?	G-VA	U	U
AK	3	51.950	-178.533	295	SS?	G-VA	U	U
AK	4	51.983	-176.600	300	SS?	G-VA	U	U
AK	5	52.016	-178.133	320	SS?	G-VA	U	U
AK	6	52.067	-176.117	325	SS?	G-VA	U	U
AK	7	52.100	-177.600	50	SS?	G-VA	U	U
AK	8	52.317	-175.767	300	SS?	G-VA	U	U

Figure 3

TABLE 1

ALABAMA

rec. no.	SITE NUMBER	LATITUDE (decimal deg.)	LONGITUDE (decimal deg.)	AZIMUTH OF SH MAX	TYPE OF INDICATOR	STRESS REGIME
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1	AL- 1	31.650 N	87.910 W	855 W	G-FS	
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ALASKA

rec. no.	SITE NUMBER	LATITUDE (decimal deg.)	LONGITUDE (decimal deg.)	AZIMUTH OF SH MAX	TYPE OF INDICATOR	STRESS REGIME
2	AK- 1	51.800 N	178.000 W	N 25 W	G-VA	SS?
3	AK- 2	51.933 N	176.750 W	N 50 W	G-VA	SS?
4	AK- 3	51.950 N	178.533 E	N 65 W	G-VA	SS?
5	AK- 4	51.943 N	176.600 W	N 60 W	G-VA	SS?
6	AK- 5	52.010 N	178.133 E	N 40 W	G-VA	SS?
7	AK- 6	52.067 N	176.117 W	N 35 W	G-VA	SS?
8	AK- 7	52.100 N	177.600 E	N 55 E	G-VA	SS?
9	AK- 8	52.317 N	175.767 E	N 60 W	G-VA	SS?
10	AK- 9	53.133 N	168.750 W	N 65 W	G-VA	SS?
11	AK- 10	53.150 N	168.500 W	N 70 W	G-VA	SS?
12	AK- 11	53.417 N	168.050 W	N 60 E	G-VA	SS?
13	AK- 12	53.667 N	166.933 W	N 60 W	G-VA	SS?
14	AK- 13	53.933 N	166.033 W	N 25 W	G-VA	SS?
15	AK- 14	54.133 N	165.000 W	N 60 W	G-VA	SS?
16	AK- 15	55.617 N	161.163 W	N 40 W	G-VA	SS?
17	AK- 16	55.117 N	159.363 W	N 35 W	G-VA	SS?
18	AK- 17	55.540 N	159.460 W	N 70 E	G-VA	SS?
19	AK- 18	55.655 N	158.765 W	N 55 W	G-VA	SS?
20	AK- 19	55.763 N	158.167 W	N 15 W	G-VA	SS?
21	AK- 20	57.012 N	155.767 W	N 40 E	G-VA	SS?
22	AK- 21	57.166 N	173.092 E	N 55 W	G-VA	SS?
23	AK- 22	59.755 N	165.625 W	N 60 W	G-VA	SS?
24	AK- 23	60.033 N	163.100 W	N 25 W	G-VA	SS?
25	AK- 24	61.300 N	163.767 E	N-W	G-VA	SS?
26	AK- 25	61.517 N	162.133 W	N 70 W	G-VA	SS?
27	AK- 26	63.133 N	162.950 W	N 60 W	G-VA	SS?
28	AK- 27	63.317 N	170.742 E	N 80 W	G-VA	SS?

ARIZONA

rec. no.	SITE NUMBER	LATITUDE (decimal deg.)	LONGITUDE (decimal deg.)	AZIMUTH OF SH. MAX	TYPE OF INDICATOR	STRESS REGIME
29	AZ- 1	31.450 N	109.300 W	N 28 E	G-VA	S
30	AZ- 2	32.120 N	113.500 W	N-S	G-VA	N
31	AZ- 3	33.000 N	111.700 W	N 17 W	IS-JC	N
32	AZ- 4	34.000 N	109.500 W	N 85 W	G-VA	N?
33	AZ- 5	34.020 N	110.600 W	N 27 E	G-VA	N?
34	AZ- 6	34.580 N	113.210 W	N 32 E	G-FS(G)	N
35	AZ- 7	35.000 N	111.900 W	N 55 W	G-VA	N?
36	AZ- 8	35.250 N	111.420 W	N 60 W	G-VA	N
37	AZ- 9	35.420 N	110.170 W	N 50 E	G-VA	?
38	AZ- 10	35.550 N	111.420 W	N 35 E	G-VA	N
39	AZ- 11	35.900 N	114.700 W	N 41 E	FM(C)	SS
40	AZ- 12	36.030 N	114.730 W	N 36 E	IS-JC	N/SS
41	AZ- 13	36.420 N	113.170 W	N-S	G-VA	N
42	AZ- 14	37.000 N	112.530 W	N 51 W	FM(S)	N
43	AZ- 15	35.500 N	110.250 W	N 37 E	G-VA	?

ARKANSAS

rec. no.	SITE NUMBER	LATITUDE (decimal deg.)	LONGITUDE (decimal deg.)	AZIMUTH OF SH MAX	TYPE OF INDICATOR	STRESS REGIME
44	ARK- 1	35.590 N	90.500 W	N 87 E	F4(A)	SS/I
45	ARK- 2	35.500 N	89.900 W	N 86 E	F4(S)	SS

OAJA CAPIROKMA

REC. NO.	SITE NUMBER	DATE	LONGITUDE (decimal deg.)	LATITUDE (decimal deg.)	ACQUISITION OF SH MAX	TYPE OF INDICATOR	STRESS REGIME
46	0J- 1		23.140 N	109.000 W	N 40 W	G-RS	N/SS
47	0J- 2		24.110 N	110.700 W	N 30 W	G-RS	N/SS
48	0J- 3		20.120 N	111.400 W	N 17 W	G-RS	N/SS
49	0J- 4		20.000 N	111.700 W	N 1 N	G-RS	N/SS
50	0J- 5		20.000 N	111.900 W	N 1 E	G-RS	N/SS
51	0J- 6		27.000 N	112.300 W	N-S	G-RS	N/SS
52	0J- 7		27.400 N	114.000 W	N 20 E	G-RS	V/SS
53	0J- 8		27.700 N	114.800 W	N 1 N	G-RS	N/SS
54					N 20 E	G-RS	N/SS
55	0J- 9		20.000 N	113.100 W	N 20 W	G-RS	N/SS
56	0J- 10		29.000 N	113.700 W	N 42 W	G-RS	N/SS

CALIFORNIA

rec. no.	SITE NUMBER	LATITUDE (decimal deg.)	LONGITUDE (decimal deg.)	AZIMUTH OF SH MAX	TYPE OF INDICATOR	STRESS REGIME
57	CA- 1	32.920 N	115.500 W	N 9 E	F4(A)	SS
58	CA- 2	33.000 N	115.000 W	N-S	F4(A)	SS
59	CA- 3	34.130 N	119.040 W	N 18 E	F4(A)	T/SS
60	CA- 4	34.450 N	117.870 W	N 10 W	IS-HF	SS
61	CA- 5	34.410 N	118.400 W	N 5 W	F4(A)	T/SS
62	CA- 6	34.500 N	118.000 W	N-S	F4(A)	T/SS
63	CA- 7	34.520 N	118.480 W	N 15 E	F4	SS
64	CA- 8	35.920 N	120.420 W	N 20 E	F4(S)	SS
65	CA- 9	36.000 N	121.500 W	N 30 E	F4(A)	SS/T
66	CA- 10	37.000 N	121.500 W	N 10 E	F4(A)	SS
67	CA- 11	37.050 N	121.070 W	N 20 E	F4(A)	SS
68	CA- 12	36.450 N	122.050 W	N 15 E	F4(A)	SS
69	CA- 13	40.300 N	124.500 W	N 31 W	F4(S)	SS
70	CA- 14	40.340 N	125.040 W	N 27 W	F4(S)	SS
71	CA- 15	35.920 N	117.000 W	N 24 E	F4(S)	SS
72	CA- 16	35.000 N	117.530 W	N 10 E	F4	N/SS
73	CA- 17	36.100 N	115.800 W	N 45 E	G-F5(G)	N
74	CA- 18	36.750 N	118.200 W	N 33 E	G-F5(H)	N
75	CA- 19	35.750 N	118.500 W	N 47 E	G-F5(G)	SS
76	CA- 20	- - - - -	- - - - -	DELETED	- - - - -	- - - - -
77	CA- 21	- - - - -	- - - - -	DELETED	- - - - -	- - - - -
78	CA- 22	- - - - -	- - - - -	DELETED	- - - - -	- - - - -
79	CA- 23	37.150 N	119.000 W	N 25 E	IS-HF	SS
80	CA- 24	37.575 N	119.000 W	N 19 E	G-F5(G)	SS
81	CA- 25	- - - - -	- - - - -	DELETED	- - - - -	- - - - -
82	CA- 26	37.550 N	115.300 W	N 30 E	G-F5(G)	N
83	CA- 27	37.550 N	115.500 W	N-S	F4(S)	SS

84	CA- 28	37.375 W	119.375 W	W 3 E	S-FS(G)	SS
85	CA- 29	38.500 W	119.500 W	W 5 E	G-FS(G)	SS
86	CA- 30	- - - - -	- - - - -	DELETED	- - - - -	- - - - -
87	CA- 31	39.130 W	120.170 W	W 2 E	F4(S)	SS
88	CA- 32	39.500 W	121.500 W	W 13 W	F4(S)	W/SS
89	CA- 33	38.750 W	122.750 W	W 20 E	F4(A)	SS
90	CA- 34	38.090 W	121.350 W	W 2 W	IS-HF	SS

REC. NO.	SITE NUMBER	LATITUDE (decimal deg.)	LONGITUDE (decimal deg.)	AZIMUTH OF SH MAX	TYPE OF INDICATOR	SUPERS REGIME
91	CN- 1	43.660 N	78.650 W	N 23 E	IS-HF	I
92				N 70 E	IS-HF	I
93	CN- 2	40.400 N	76.280 W	N 35 E	FM(S)	I/SS
94	CN- 3	47.500 N	70.200 W	E-W	FM(A)	I/SS
95	CN- 4	50.010 N	113.500 W	N 43 E	IS-DE	I/SS?
96	CN- 5	50.020 N	112.900 W	N 56 E	IS-DE	I/SS?
97	CN- 6	50.800 N	112.600 W	N 55 E	IS-DE	I/SS?
98	CN- 7	52.000 N	114.000 W	N 49 E	IS-DE	I/SS?
99	CN- 8	52.300 N	114.300 W	N 53 E	IS-DE	I/SS?
100	CN- 9	52.350 N	112.800 W	N 51 E	IS-DE	I/SS?
101	CN- 10	52.450 N	111.800 W	N 50 E	IS-DE	I/SS?
102	CN- 11	53.200 N	114.500 W	N 20 E	IS-DE	I/SS?
103	CN- 12	53.300 N	115.500 W	N 51 E	IS-DE	I/SS?
104	CN- 13	53.320 N	115.500 W	N 51 E	IS-DE	I/SS?
105	CN- 14	53.500 N	117.100 W	N 53 E	IS-DE	I/SS?
106	CN- 15	53.600 N	113.400 W	N 62 E	IS-DE	I/SS?
107	CN- 16	53.950 N	114.400 W	N 45 E	IS-DE	I/SS?
108	CN- 17	54.400 N	117.900 W	N 62 E	IS-DE	I/SS?
109	CN- 18	54.700 N	110.600 W	N 39 E	IS-DE	I/SS?
110	CN- 19	54.600 N	115.300 W	N 30 E	IS-DE	I/SS?
111	CN- 20	54.600 N	118.700 W	N 47 E	IS-DE	I/SS?
112	CN- 21	55.600 N	118.200 W	N 60 E	IS-DE	I/SS?
113	CN- 22	50.050 N	115.500 W	N 20 E	IS-DE	I/SS?
114	CN- 23	50.100 N	116.600 W	N 21 E	IS-DE	I/SS?
115	CN- 24	50.070 N	115.200 W	N 45 E	IS-DE	I/SS?
116	CN- 25	57.300 N	118.700 W	N 57 E	IS-DE	I/SS?
117	CN- 26	57.300 N	119.500 W	N 49 E	IS-DE	I/SS?
118	CN- 27	57.600 N	117.200 W	N 65 E	IS-DE	I/SS?
119	CN- 28	58.720 N	119.200 W	N 73 E	IS-DE	I/SS?

120	CN- 29	59.290 N	119.400 W	N 57 E	15-08	I/SS?
121	CN- 30	43.800 N	79.200 W	E-W	15-00	I/SS?
122	CN- 31	45.040 N	74.030 W	N 69 E	F4(S)	F
123	CN- 32	45.280 N	70.970 W	N 77 E	F4(S)	L
124				N 47 E	F4(S)	I/SS
125	CN- 33	45.640 N	74.370 W	N 35 E	F4(S)	L
126	CN- 34	46.320 N	74.110 W	N 69 E	F4(S)	L
127	CN- 35	47.700 N	69.900 W	N 74 W	F4(S)	I/SS
128	CN- 36	55.000 N	54.300 W	N 68 E	F4(S)	I/SS
129	CN- 37	60.500 N	58.700 W	N 43 W	F4(S)	L
130	CN- 38	64.400 N	66.500 W	N 59 E	F4(S)	L
131	CN- 39	68.400 N	67.300 W	N 17 W	F4(S)	SS
132	CN- 40	71.400 N	73.500 W	N 64 W	F4(S)	L
133	CN- 41	71.900 N	74.700 W	N 60 W	F4(S)	L
134	CN- 42	72.500 N	70.200 W	N 40 E	F4(S)	SS/F
135	CN- 43	73.300 N	70.700 W	N 66 E	F4(S)	L
136	CN- 44	40.900 N	66.600 W	E-W	F4(S)	L
137	CN- 45	50.500 N	104.630 W	N 01 W	15-04	SS
138				N 70 E	15-04	SS
139	CN- 46	65.200 N	126.800 W	N 37 E	15-00	I/SS?
140	CN- 47	46.700 N	79.100 W	N 75 W	15-00	L
141	CN- 48	48.480 N	81.330 W	N 75 E	15-00	L
142	CN- 49	49.760 N	125.340 W	N 70 E	F4(S)	SS
143	CN- 50	60.520 N	135.970 W	N 16 S	F4(S)	SS
144	CN- 51	76.700 N	106.200 W	N 75 E	F4(S)	SS
145	CN- 52	72.050 N	132.290 W	N 11 W	F4(S)	L
146	CN- 53	60.150 N	124.100 W	N 04 E	15-05	I/SS?
147	CN- 54	60.400 N	124.000 W	N 60 E	15-05	I/SS?
148	CN- 55	60.500 N	123.600 W	N 23 W	15-06	I/SS?
149	CN- 56	60.500 N	121.150 W	N 59 E	15-06	I/SS?
150	CN- 57	64.100 N	125.700 W	N 59 W	15-06	F/SS?
151	CN- 58	64.400 N	125.500 W	N 42 W	15-06	I/SS?
152	CN- 59	65.900 N	129.300 W	N 17 E	15-05	I/SS?

153	CN- 60	65.700 N	131.600 W	N 10 E	IS-DE	1/SS?
154	CN- 61	66.000 N	132.500 W	N 8 W	IS-DE	1/SS?
155	CN- 62	66.200 N	134.000 W	N 11 W	IS-DE	1/SS?
156	CN- 63	66.400 N	134.700 W	N 8 W	IS-DE	1/SS?
157	CN- 64	65.800 N	135.200 W	N 38 E	IS-DE	1/SS?
158	CN- 65	66.600 N	138.400 W	N 40 E	IS-DE	1/SS?
159	CN- 66	65.300 N	140.300 W	N-S	IS-DE	1/SS?
160	CN- 67	66.400 N	140.200 W	N 15 W	IS-DE	1/SS?
161	CN- 68	68.100 N	135.000 W	N 62 E	IS-DE	1/SS?
162	CN- 69	68.400 N	135.500 W	N 56 E	IS-DE	1/SS?

COLORADO

rec. no.	SITE NUMBER	LATITUDE (decimal deg.)	LONGITUDE (decimal deg.)	AZIMUTH OF SH MAX	TYPE OF INDICATION	STRESS REGIME
153	CU- 1	39.700 W	104.700 W	N 45 W	FM(A)	N
154	CU- 2	39.770 W	105.830 W	N 52 W	IS-JC	N?
155	CU- 3	39.630 W	108.380 W	N 70 W	IS-HF	SS?
156	CU- 4	40.100 W	105.880 W	N 76 W	FM(C)	SS
157				N 80 W	IS-DE	SS
158				N 70 E	IS-HF	SS
159	CU- 5	40.150 W	104.820 W	N 45 W	IS-HF	?

CONNECTICUT

rec. no.	SITE NUMBER	LATITUDE (decimal deg.)	LONGITUDE (decimal deg.)	AZIMUTH OF S ₁ MAX	TYPE OF INDICATOR	STRESS REGIME
170	CF- 1	41.500 N	72.250 W	0 50 W	G-PS	T

DELAWARE

rec. no.	SITE NUMBER	LATITUDE (decimal deg.)	LONGITUDE (decimal deg.)	AZIMUTH OF SH MAX	TYPE OF INDICATOR	STRESS REGIME
171	Dr- 1	39.720 N.	75.410 W	004 W	FM(S)	I/SS

FLORIDA

rec. no.	site number	LATITUDE (decimal deg.)	LONGITUDE (decimal deg.)	AZIMUTH OF SH MAX	TYPE OF INDICATOR	STRESS REGIME
172	80- 1	28.850 N	82.530 W	N 43 W	G-FS	N

GEORGIA

rec. no.	Site NUMBER	LATITUDE (decimal deg.)	LONGITUDE (decimal deg.)	AZIMUTH OF SA MAX	TYPE OF INDICATOR	STRESS REGIME
173	GA- 1	- - - - -	- - - - -	DELETED	- - - - -	- - - - -
174	GA- 2	33.910	84.260	W 55 E	IS-DE	1/55

GULF OF MEXICO

REC. NO.	SITE NUMBER	LATITUDE (DECIMAL DEG.)	LONGITUDE (DECIMAL DEG.)	AZIMUTH OF SH MAX.	TYPE OF INDICATOR	STRESS REGIME
175	GM- 1	20.490 N	88.790 W	5 23 W	FX(S)	T/SS

IDARC						
rec. no.	Site Number	LATITUDE (decimal deg.)	LONGITUDE (decimal deg.)	AZIMUTH OF SH MAX	TYPE OF INDICATOR	STRESS REGIME
176	10- 1	42.050 N	111.800 W	N 13 E	FM(S)	N
177	10- 2	42.200 N	112.500 W	N 14 E	FM(S)	N
178	10- 3	43.050 N	111.400 W	N 9 W	FM(C)	J
179	10- 4	43.420 N	113.210 W	N 42 W	G-VA	J
180	10- 5	44.300 N	114.700 W	N 81 W	FM(S)	N
181	10- 6	47.330 N	116.080 W	N 75 W	IS-HF	N
182	10- 7	- - - - -	- - - - -	DELETED	- - - - -	- - - - -
183	10- 8	42.250 N	113.300 W	N 29 E	IS-HF	N
184				N 72 E	IS-HF	N

ILLINOIS

rec. no.	SITE NUMBER	LATITUDE (decimal deg.)	LONGITUDE (decimal deg.)	AZIMUTH OF S ₁ MAX	TYPE OF INDICATOR	STRESS REGIME
135	IL- 1	37.950 N	88.480 W	N 83 W	FN(S)	T
136	IL- 2	39.300 N	89.350 W	N 80 E	IS+NF	SS/T
137	IL- 3	41.000 N	89.400 W	N 29 E	FN(S)	SS

KANSAS

REC. NO.	SITE NUMBER	LATITUDE (decimal deg.)	LONGITUDE (decimal deg.)	AZIMUTH OF Sd MAX	TYPE OF INDICATOR	STRESS REGIME
100	AS- 1	39.140 N	96.300 W	180 °	FM(S)	I

KENTUCKY

rec. no.	SITE NUMBER	LATITUDE (decimal deg.)	LONGITUDE (decimal deg.)	AZIMUTH OF SH MAX	TYPE OF INDICATOR	STRESS REGIME
149	KY- 1	38.180 N	83.940 W	N 60 E	FR(S)	SS/I
190	KY- 2	37.970 N	83.000 W	N 65 E	IS-PC	I/SS
191	KY- 3	37.170 N	82.420 W	N 63 E	IS-PC	I/SS

LOUISIANA

rec. no.	SITE NUMBER	LATITUDE (decimal deg.)	LONGITUDE (decimal deg.)	AZIMUTH OF SH MAX	TYPE OF INDICATOR	STRESS REGIME
192	GA- 1	29.800 N	90.750 W	E-W	G-FS	N
193	GA- 2	30.200 N	92.800 W	N 82 W	G-FS	N
194	GA- 3	32.870 N	94.000 W	E-W	IS-NF	N/SS

TABLE

REC. NO.	SITE NUMBER	LATITUDE (decimal deg.)	LONGITUDE (decimal deg.)	AZIMUTH OF SH MAX	TYPE OF INDICATOR	STRESS REGIME
195	4E-1	43.900 N	69.800 W	4 35 N	FM(A)	T
196	4E-2	44.000 N	70.400 W	4 30 N	FM(S)	T

HARIBANDU

rec. no.	SITE NUMBER	LATITUDE (decimal deg.)	LONGITUDE (decimal deg.)	AZIMUTH OF SH MAX	TYPE OF INDICATOR	STRESS REGIME
197	40- 1	38.700 N	75.920 W	9 58 W	G-PS	I
198	40- 2	39.256 N	77.170 W	9 35 W	IS-HF	I

MASSACHUSETTS

rec. no.	STATION NUMBER	LATITUDE (decimal deg.)	LONGITUDE (decimal deg.)	AZIMUTH OF SA MAX	TYPE OF INDICATOR	STRESS REGIME
199	MA- 1	41.990 N	71.320 W	N 23 W	G-PS(G)	T
200	MA- 2	41.540 N	71.010 W	N 50 E	FM(S)	T/SS
201	MA- 3	42.430 N	71.480 W	N 5 E	FM(S)	T
202	MA- 4	42.030 N	71.300 W	N 37 E	FM(S)	T/SS

MEXICO

rec. no.	SITE NUMBER	LATITUDE (decimal deg.)	LONGITUDE (decimal deg.)	AZIMUTH OF SH MAX	TYPE OF INDICATOR	STRESS REGIME
203	AX- 1	31.080 N	109.170 W	N-S	S-FS(n)	N

MICHIGAN

rec. no.	SITE NUMBER	LATITUDE (decimal deg.)	LONGITUDE (decimal deg.)	AZIMUTH OF SH MAX	TYPE OF INDICATOR	STRESS REGIME
204	SI- 1	45.000	87.630	9 32 0	IS-JC	SB

MINNESOTA

rec. no.	SITE NUMBER	LATITUDE (decimal deg.)	LONGITUDE (decimal deg.)	AZIMUTH OF SH MAX	TYPE OF INDICATOR	STRESS REGIME
205	44- 1	45.700 W	95.000 W	N 13 E	FM(S)	SS

MISSISSIPPI

REC. NO.	SITE NUMBER	LATITUDE (decimal deg.)	LONGITUDE (decimal deg.)	AZIMUTH OF SH MAX	TYPE OF INDICATOR	STRESS REGIME
206	SS- 1	33.500 N	90.900 W	105 E	PK(S)	SS

MISSOURI

rec. no.	Site NUMBER	LATITUDE (decimal deg.)	LONGITUDE (decimal deg.)	AZIMUTH OF SB MAX	TYPE OF INDICATOR	STRESS REGIME
207	SD- 1	30.500 W	89.700 W	N 43 E	FX(S)	SS/
208	SD- 2	30.000 W	89.000 W	N 31 E	FX(S)	3SS/
209	SD- 3	37.000 W	91.000 W	N 08 E	FX(S)	N

MONTANA

rec. no.	SITE NUMBER	LATITUDE (decimal deg.)	LONGITUDE (decimal deg.)	AZIMUTH OF SH MAX	TYPE OF INDICATOR	STRESS REGIME
210	SI- 1	44.750 N	111.180 W	9 72 W	FA(S)	W
211	SI- 2	44.900 N	111.430 W	9 64 W	FA(C)	W
212	SI- 3	44.800 N	111.600 W	9 68 W	FA(S)	SS
213	SI- 4	46.400 N	111.300 W	9 69 E	FA(S)	SS
214	SI- 5	46.670 N	112.170 W	9 45 W	FA(A)	W/SS
215	SI- 6	47.600 N	114.300 W	9 4 E	FA(A)	W/SS

NEVADA

rec. no.	SLIP NUMBER	LATITUDE (decimal deg.)	LONGITUDE (decimal deg.)	AZIMUTH OF SURFACE	TYPE OF INDICATOR	STRESS REGIME
216	AV- 1	36.000 N	114.740 W	N 52 E	FA(A)	W/SS
217	AV- 2	36.000 N	116.270 W	N 84 E	FA(S)	N
218	AV- 3	37.000 N	116.000 W	N 25 E	A	N/SS
219	AV- 4	37.200 N	116.500 W	N 45 E	FA(K)	W/SS
220	AV- 5	37.130 N	117.320 W	N 40 E	FA(S)	N
221	AV- 6	37.400 N	114.280 W	N 50 E	FA(S)	SS
222	AV- 7	37.470 N	117.570 W	N 42 E	FA(S)	N
223	AV- 8	34.730 N	115.950 W	N 39 E	FA(S)	N
224	AV- 9	37.750 N	116.000 W	N 84 E	FA(C)	SS
225	AV- 10	36.280 N	116.000 W	N 30 E	S-VA	N
226	AV- 11	38.200 N	116.150 W	N 7 E	S-FS(G)	N/SS
227	AV- 12	36.300 N	118.400 W	N 15 E	FA(C)	N
228	AV- 13	36.500 N	117.800 W	N 10 W	FA(C)	N
229	AV- 14	39.000 N	119.800 W	N-5	S-FS(G)	N
230	AV- 15	39.300 N	119.800 W	N 30 E	S-FS(G)	N
231	AV- 16	39.200 N	116.000 W	N 40 E	FA(C)	N
232	AV- 17	39.300 N	116.100 W	N 25 E	FA(A)	W/SS
233	AV- 18	38.700 N	116.000 W	N 35 E	S-FS(G)	N
234	AV- 19	39.750 N	116.400 W	N 34 E	FA(C)	N
235	AV- 20	37.850 N	116.000 W	N 70 E	FA(C)	N
236	AV- 21	36.200 N	116.500 W	N 35 E	S-FS(G)	N
237	AV- 22	36.300 N	117.000 W	N 30 E	S-FS(N)	N
238	AV- 23	40.370 N	117.330 W	N 30 E	S-VA	N
239	AV- 24	39.300 N	115.750 W	N 15 E	S-FS(G)	N
240	AV- 25	40.750 N	119.250 W	N 15 E	A	N
241	AV- 26	41.750 N	116.000 W	N 30 W	FA(C)	N

NEW HAMPSHIRE

rec. no.	SLIP NUMBER	LATITUDE (decimal deg.)	LONGITUDE (decimal deg.)	AZIMUTH OF SH MAX	TYPE OF INDICATOR	STRESS REGION
243	SLIP 1	43.040 N	71.240 W	4 85 E	FM(S)	P
244	SLIP 2	43.150 N	71.050 W	4 80 E	FM(S)	F/SE
245	SLIP 3	43.600 N	71.200 W	4 70 E	FM(S)	1/SE

FORM DRSBET

REC. SITE LATITUDE LONGITUDE AZIMUTH OF SH MAX INDICATION REGISTER
 NO. NUMBER (DECIMAL DEG.) (DECIMAL DEG.)

210	NO - 1	40.500 N	74.770 W	9 43 N	EM(S)	1
247	NO - 2	40.500 N	74.770 W	9 43 N	EM(S)	2
248	NO - 3	40.500 N	74.050 W	9 40 E	EM(S)	1/SS
249	NO - 4	40.500 N	74.350 W	9 42 N	EM(S)	1

rec. no.	SITE NUMBER	LATITUDE (decimal deg.)	LONGITUDE (decimal deg.)	AZIMUTH OF SH MAX	TYPE OF INDICATION	STRESS REGIME
250	NM- 1	31.830 N	107.800 W	N-S	G-VA	?
251	NM- 2	32.000 N	107.000 W	N 10 E	G-VA	N
252	NM- 3	33.600 N	105.830 W	N 85 W	G-VA	?
253	NM- 4	34.120 N	106.920 W	N 10 W	F4(A)	N
254	NM- 5	34.500 N	106.850 W	N 9 E	F4(A)	N/SS
255	NM- 6	34.550 N	107.330 W	N 30 E	G-F5(G)	N
256	NM- 7	34.620 N	107.530 W	N 10 E	G-VA	N
257	NM- 8	34.800 N	107.350 W	N 29 E	G-VA	N
258	NM- 9	34.880 N	106.870 W	N 11 E	G-VA	N
259	NM- 10	35.000 N	107.650 W	N 23 E	G-VA	N
260	NM- 11	35.150 N	106.770 W	N 3 E	G-VA	N
261	NM- 12	35.330 N	107.630 W	N 17 E	G-VA	N
262	NM- 13	35.370 N	107.480 W	N 30 E	G-VA	N
263	NM- 14	35.700 N	107.730 W	N 27 W	F4(S)	SS
264	NM- 15	35.700 N	107.980 W	N 63 W	F4(S)	SS
265	NM- 16	35.830 N	106.830 W	N 35 E	G-F5(G)	N
266	NM- 17	35.920 N	106.830 W	N 35 E	IS-TR	N
267				N 10 E	G-VA	N
268	NM- 18	36.000 N	106.650 W	N 26 E	F4(C)	N
269	NM- 19	36.140 N	106.270 W	N 15 E	F4(C)	N
270	NM- 21	36.420 N	104.920 W	N 42 W	G-VA	?
271	NM- 22	36.530 N	103.250 W	N 76 W	G-VA	?
272	NM- 23	36.620 N	104.330 W	N 67 W	G-VA	?
273	NM- 24	36.670 N	104.570 W	N 76 W	G-VA	?
274	NM- 25	36.870 N	104.500 W	N 59 W	G-VA	?
275	NM- 26	36.920 N	105.400 W	N 16 E	G-VA	?
276	NM- 27	36.840 N	105.950 W	N 17 E		N
277	NM- 28	37.000 N	107.000 W	N 17 E	F4(S)	N
278	NM- 29	33.840 N	106.630 W	N 17 E	G-VA	N

279	NM- 30	34.250 N	108.870 W	V 42 E	44 G-VA	?
280	NM- 31	36.450 N	108.690 W	V 80 W	G-VA	?
281	NM- 32	33.140 N	108.000 W	N 15 W	FS(G)	W

NEW YORK

rec. no.	SLIT NUMBER	LATITUDE (decimal deg.)	LONGITUDE (decimal deg.)	AZIMUTH OF SH MAX	TYPE OF INDICATOR	STRESS REGIME
282	SI- 1	42.060 N	78.000 W	77 E	IS-SP	SS/I
283	SI- 2	42.060 N	78.200 W	62 E	IS-SP	?
284	SI- 3	42.200 N	78.200 W	61 E	FA(S)	SS/I
285	SI- 4	43.010 N	74.450 W	71 E	FA(N)	F
286	SI- 5	44.390 N	73.570 E	73 E	FA(S)	F
287	SI- 6	42.830 N	73.000 W	50 W	S-ES	I
288	SI- 7	43.450 N	75.520 W	67 E	IS-DC	F
289	SI- 8	40.990 N	73.800 W	60 W	FA(S)	I
290	SI- 9	41.130 N	73.750 W	75 W	FA(S)	I/SS
291	SI- 10	41.140 N	73.950 W	84 E	FA(S)	F
292	SI- 11	41.160 N	74.150 W	64 W	FA(S)	I
293	SI- 12	41.750 N	73.950 W	60 E	FA(S)	I
294	SI- 13	41.750 N	73.790 W	43 E	FA(S)	I
295	SI- 14	41.800 N	73.950 W	65 W	FA(S)	F
296	SI- 15	43.000 N	73.100 W	73 E	FA(S)	F
297	SI- 16	43.910 N	74.540 W	70 E	FA(S)	F
298	SI- 17	44.340 N	73.540 W	84 E	FA(S)	SS/I
299	SI- 18	44.520 N	74.510 W	53 W	FA(S)	F
300	SI- 19	44.550 N	74.550 W	79 E	FA(S)	F
301	SI- 20	44.550 N	74.550 W	79 E	FA(S)	I
302	SI- 21	43.570 N	75.700 W	64 E	FA	SS

NORTH CAROLINA

rec. no.	SITE NUMBER	LATITUDE (decimal deg.)	LONGITUDE (decimal deg.)	APPROX OF SH MAX	TYPE OF INDICATOR	STRESS REGIME
303	NC- 1	35.600 N	78.270 W	0.83	3-PS	T
304	NC- 2	- - - - -	- - - - -	DELETED	- - - - -	- - - - -
305	NC- 3	- - - - -	- - - - -	DELETED	- - - - -	- - - - -

DR10

rec. no.	SITE NUMBER	LATITUDE (decimal deg.)	LONGITUDE (decimal deg.)	AZIMUTH OF SH MAX	TYPE OF INDICATOR	STRESS REGIME
306	DM- 1	39.500 N	02.500 W	N 65 E	IS-HF	SS
307	DM- 2	41.010 N	01.040 W	E-W	IS-JC	SS/I
308	DM- 3	40.050 N	02.530 W	N 62 E	IS-HF	?

STANDARD

rec. no.	SLIT NUMBER	LATITUDE (decimal deg.)	LONGITUDE (decimal deg.)	AZIMUTH OF SH MAX	TYPE OF INDICATOR	STRESS REGIME
309	GA- 1	35.900 N	97.500 W	105 E	IS-SP	?

OREGON

rec. no.	SITE NUMBER	LATITUDE (decimal deg.)	LONGITUDE (decimal deg.)	AZIMUTH OF SM MAX	TYPE OF INDICATOR	STRESS REGIME
310	OR- 1	42.170 N	119.920 W	N 30 E	FM(C)	N/SS
311	OR- 2	43.150 N	120.300 W	N 15 E	FM(C)	I
312	OR- 3	44.350 N	121.950 W	N 3 W	S-VA	SS?
313	OR- 4	43.800 N	121.600 W	N 15 W	S-VA	SS?
314	OR- 5	43.500 N	120.700 W	N 12 W	S-VA	SS?

REC. DATE CHAIRMAN (decimal deg.) LOCATION AZIMUTH OF TYPE OF STRESS
 NO. NUMBER (decimal deg.) (decimal deg.) SM MAX INDICATOR REGIME

319 PA 1 - - - - - DELETED
 318 PA 2 - - - - - DELETED
 317 PA 3 +1.000 + 70.000 + A TO B IS-RE 2

SOUTH CAROLINA

rec. no.	SITE NUMBER	LATITUDE (decimal deg.)	LONGITUDE (decimal deg.)	AZIMUTH OF SH MAX	TYPE OF INDICATOR	STRESS REGIME
318	SC- 1	32.000 N	80.320 W	N 00 E	"	SS
319	SC- 2	- - - - -	- - - - -	DELETED	- - - - -	- - - - -
320	SC- 3	- - - - -	- - - - -	DELETED	- - - - -	- - - - -
321	SC- 4	- - - - -	- - - - -	DELETED	- - - - -	- - - - -
322	SC- 5	35.000 N	82.070 W	N 00 E	IS-HE	I
323	SC- 6	- - - - -	- - - - -	DELETED	- - - - -	- - - - -
324	SC- 7	30.330 N	81.330 W	N 50 E	"	I

SOUTH DAKOTA

REC. NO.	SITE NUMBER	LATITUDE (DECIMAL DEG.)	LONGITUDE (DECIMAL DEG.)	AZIMUTH OF SH MAX	TYPE OF INDICATOR	STRESS REGIME
325	SD- 1	44.300 N	103.800 W	N 50 E	IS-JC	N

RECEIVED

rec. no.	Site NUMBER	LATITUDE (decimal deg.)	LONGITUDE (decimal deg.)	AZIMUTH OF SH MAX	TYPE OF INDICATOR	STRESS REGIME
325	TV- 1	- - - - -	- - - - -	DELETED	- - - - -	- - - - -
327	TV- 2	- - - - -	- - - - -	DELETED	- - - - -	- - - - -
328	TV- 3	38.000 N	83.950 W	458 E	IS-OC	T

TEXAS						
rec. no.	Site NUMBER	Latitude (decimal deg.)	Longitude (decimal deg.)	AZIMUTH OF SH MAX	TYPE OF INDICATOR	STRESS REGIME
329	TX- 1	33.650 N	102.700 W	N 00 W	IS-HF	?
330	TX- 2	32.520 N	103.050 W	N 01 W	IS-HF	?
331	TX- 3	32.300 N	102.750 W	N 04 W	IS-HF	?
332	TX- 4	32.500 N	101.120 W	N 78 E	IS-HF	?
333	TX- 5	32.300 N	101.200 W	N 84 E	IS-HF	?
334	TX- 6	31.670 N	101.850 W	N 73 W	IS-HF	?
335	TX- 7	31.790 N	101.900 W	N 87 W	IS-HF	?
336	TX- 8	31.620 N	102.150 W	N 00 W	IS-HF	?
337	TX- 9	31.620 N	102.000 W	N 05 W	IS-HF	?
338	TX- 10	31.500 N	102.070 W	N 01 W	IS-HF	?
339	TX- 11	31.420 N	102.150 W	N 01 W	IS-HF	?
340	TX- 12	30.570 N	98.270 W	N 07 W	IS-HF	SS/I
341	TX- 13	28.300 N	90.300 W	N 04 E	G-FS	N
342	TX- 14	20.750 N	97.720 W	N 9 E	G-FS	N
343	TX- 15	33.000 N	100.700 W	N 59 E	F4(S)	N
344	TX- 16	39.000 N	104.370 W	N 10 W	F4(S)	SS
345	TX- 17	31.200 N	98.300 W	N 04 E	IS-DE	?
346	TX- 18	31.300 N	98.300 W	N 04 E	IS-DE	?
347	TX- 19	32.300 N	95.300 W	N 04 E	IS-DE	?
348	TX- 20	32.300 N	95.570 W	N 72 E	IS-DE	?
349	TX- 21	32.700 N	95.000 W	N 00 E	IS-DE	?
350	TX- 22	32.500 N	94.030 W	N 57 E	IS-DE	?
351	TX- 23	31.300 N	94.550 W	N 05 E	IS-DE	?
352	TX- 24	33.000 N	94.200 W	N 77 E	IS-DE	?

REC. NO.	SITE NUMBER	LATITUDE (decimal deg.)	LONGITUDE (decimal deg.)	AZIMUTH OF S4 MAX	TYPE OF INDICATOR	STRASS REGIME
353	UT- 1	37.600 N	113.030 W	N 30 W	F*(S)	W
354	UT- 2	30.500 N	112.030 W	N 15 E	F*(C)	W
355	UT- 3	38.750 N	111.000 W	N-S	G-VA	W?
356	UT- 4	39.500 N	110.500 W	N 75 W	F*(C)	T
357	UT- 5	39.600 N	119.900 W	N 16 E	F*(S)	N/SB
358	UT- 6	39.830 N	109.250 W	N 05 E	G-VA	?
359	UT- 7	40.300 N	111.400 W	N 03 W	F*(C)	I
360	UT- 9	40.520 N	111.310 W	N 49 W	F*(C)	W
361	UT- 10	40.600 N	111.200 W	N 07 W	F*(C)	I
362	UT- 11	40.720 N	112.040 W	N 3 W	F*(C)	W
363	UT- 12	40.700 N	111.680 W	N 13 E	G-FS(S)	W
364				N 35 W	G-FS(S)	W
365	UT- 13	40.800 N	111.500 W	N 35 E	F*(C)	W
366	UT- 14	41.700 N	111.700 W	N 0 E	F*(C)	W
367	UT- 15	41.800 N	112.900 W	N 15 W	F*(S)	W
368	UT- 15	41.900 N	112.000 W	N 13 W	F*(C)	W
369	UT- 17	39.570 N	110.400 W	N 31 W	IS-JC	F
370	UT- 18	37.400 N	113.550 W	N 25 E	G-VA	W
371	UT- 19	35.510 N	112.650 W	N 55 E	IS-IF	W
372	UT- 20	39.000 N	111.030 W	N 24 E	G-FS(S)	I
373	UT- 21	40.000 N	111.310 W	N 17 W	IS-IF	W
374	UT- 22	40.100 N	111.570 W	N 23 W	G-FS(S)	W
375	UT- 23	40.250 N	111.030 W	N 12 W	G-FS(S)	W
376	UT- 24	40.510 N	111.520 W	N 22 E	G-FS(S)	W
377	UT- 25	40.310 N	112.270 W	N 1 W	G-FS(S)	W
378	UT- 26	41.310 N	112.030 W	N 15 W	G-FS(S)	W
379	UT- 27	41.702 N	112.070 W	N 15 W	G-FS(S)	W
380	UT- 28	42.150 N	111.200 W	N 3 E	G-FS(S)	W
381	UT- 29	39.520 N	111.770 W	N 10 W	F*(4)	SB/F

332	U1- 30	36.000 N	111.450 W	N 52 W	F4(3)	SS
333	U1- 31	36.530 N	109.830 W	N 87 W	F4(4)	SS

VIRGINIA

REC. NO.	SITE NUMBER	LATITUDE (decimal deg.)	LONGITUDE (decimal deg.)	ELEVATION OF SEA MAX	TYPE OF INDICATOR	SURFACE REGIME
334	VA- 1	38.030 N	77.730 W	80	FM(A)	I
335	VA- 2	38.400 N	77.370 W	57	G-FS	I
336	VA- 3	38.920 N	77.230 W	55	G-FS	I
337	VA- 4	37.520 N	77.370 W	80	G-FS	I
338	VA- 5	37.030 N	78.730 W	70	G-FS	I

WASHINGTON

REC. NO.	SITE NUMBER	LATITUDE (decimal deg.)	LONGITUDE (decimal deg.)	AZIMUTH OF SH MAX	TYPE OF INDICATOR	STRESS REGIME
389	WA- 1	45.750 N	121.520 W	N 20 W	FM(S)	SS
390	WA- 2	40.750 W	119.500 W	N 5 W	FM(A)	I
391	WA- 3	47.500 W	122.500 W	N 20 E	FM(A)	SS/I
392	WA- 4	40.180 W	120.900 W	N-S	S-VA	SS?
393	WA- 5	45.000 W	121.820 W	N 3 E	S-VA	SS?
394	WA- 6	45.570 W	122.170 W	N 8 E	S-VA	SS?
395	WA- 7	40.540 W	122.227 W	N 33 E	FM(A)	SS

WEST VIRGINIA

REC. NO.	SITE NUMBER	LATITUDE (decimal deg.)	LONGITUDE (decimal deg.)	AZIMUTH OF SH MAX	TYPE OF INDICATOR	SOUND REGIME
396	AV- 1	38.140 N	82.000 W	N 80 E	IS-HF	SS/T
397	AV- 2	- - - -	- - - -	DELETED	- - - -	- - - -
398	AV- 3	39.580 N	78.120 W	N 27 E	IS-HF	T
399	AV- 4	39.750 N	80.420 W	N 84 W	IS-HF	T
400	AV- 5	38.000 N	81.400 W	N 64 E	IS-JC	?
401	AV- 6	39.070 N	80.640 W	N 67 E	IS-PC	?
402	AV- 7	38.870 N	82.130 W	N 75 E	IS-PC	?
403	AV- 8	38.800 N	81.850 W	N 60 E	IS-PC	?
404	AV- 9	38.050 N	82.150 W	N 65 E	IS-PC	?

WISCONSIN

REC. NO.	SITE NUMBER	LATITUDE (decimal deg.)	LONGITUDE (decimal deg.)	AZIMUTH OF SH MAX	TYPE OF INDICATOR	STRESS REGIME
405	WI- 1	43.150 N	89.000 W	N 57 E	IS-nF	T
406	WI- 2	43.750 N	89.330 W	N 55 E	IS-nF	SS
407	WI- 3	44.070 N	87.850 W	N 60 E	IS-nF	T

MISCELL

rec. no.	site number	latitude (Decimal deg.)	longitude (Decimal deg.)	AZIMUTH OF SH MAX	TYPE OF INDICATOR	STRESS REGIME
408	SY- 1	42.500 N	109.000 W	8 25 E	IS-DF	SS
409	SY- 2	44.470 N	110.050 W	8 20 W	F4(C)	I
410	SY- 3	44.660 N	110.820 W	8 50 W	F4(A)	W/SS
411	SY- 4	41.550 N	109.450 W	4 50 W	IS-JC	SS
412	SY- 5	41.750 N	109.000 W	8 30 W	G-VA	R?

ATLANTIC BASIN

REC. NO.	SITE NUMBER	LATITUDE (decimal deg.)	LONGITUDE (decimal deg.)	AZIMUTH OF SE MAX	TYPE OF INDICATOR	STRESS REGIME
413	A1- 1	17.530 N	54.910 W	9 14	FM(S)	T/SS
414	A1- 2	17.740 N	54.830 W	9 04	FM(S)	T/SS
415	A1- 3	19.000 N	56.100 W	9 17	FM(S)	T/SS
416	A1- 4	20.580 N	62.300 W	9 01	FM(S)	T
417	A1- 5	29.500 N	67.400 W	9 59	FM(S)	T
418	A1- 6	33.010 N	61.050 W	9 58	FM(S)	T/SS
419	A1- 7	44.500 N	31.300 W	9 54	FM(S)	T/SS