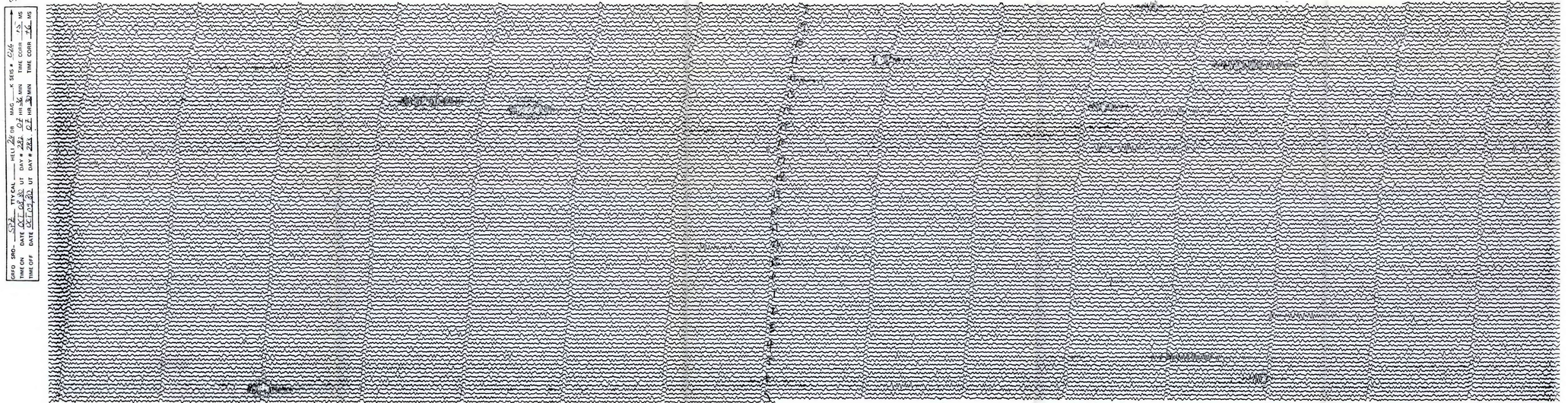
Plate 3. A representative example of the worst performance of the detector, relative to an analyst. Operational settings are used: Xthl = 2.25, Xth2 = 1.625, Filhi = 0.2 sec, Fillo = 2.0 sec, Win = 4.0 sec. Bursts of cultural noise are seen throughout one-half of the day. There are ~6 triggers related to it. There appears to be one false alarm related to microseisms. Commonly, small emergent events are timed late. The onsets of these events may have the appearance of cultural noise (i.e. the ones at 1100 hrs and 0447 hrs). Commonly, an analyst picks the small emergent events earlier than the detector.

P	LB	QUALITY	YR	DAY	HR	MIN	SEC	AMPLITUDE	PERIOD	S'
D	0	00221	0	282	07	48	19.88	0.1041E+06	0.46	0.4934E+05
D	1	11122	0	282	09	21	07.23	0.8275E+05	0.60	0.4116E+05
D	0	00289	0	282	10	02	53.18	0.4729E+06	0.79	0.4599E+05
C	0	01211	0	282	11	00	30.18	0.9933E+05	0.49	0.3756E+05
C	0	00333	0	282	11	19	11.88	0.1441E+06	0.62	0.4124E+05
C	2	01122	0	282	11	24	17.68	0.9815E+05	0.55	0.4303E+05
D	1	11221	0	282	12	15	02.53	0.7884E+05	0.52	0.4418E+05
D	1	00121	0	282	13	26	09.13	0.1316E+06	0.35	0.4693E+05
D	0	01231	0	282	13	48	02.63	0.1024E+06	0.29	0.3743E+05
D	2	11112	0	282	13	57	15.98	0.2672E+06	0.51	0.4857E+05
D	1	00122	0	282	14	03	55.13	0.1130E+06	0.87	0.5004E+05
D	1	01122	0	282	16	15	56.38	0.7093E+05	0.55	0.3682E+05
C	0	00232	0	282	16	18	10.53	0.1558E+06	1.02	0.5632E+05
C	1	00123	0	282	16	29	53.33	0.1070E+06	0.62	0.4081E+05
C	2	12212	0	282	17	07	43.28	0.9415E+05	0.70	0.3735E+05
D	1	00122	0	282	20	18	55.03	0.5228E+05	0.87	0.2725E+05
C	1	00121	0	282	22	14	15.63	0.2005E+06	1.00	0.3058E+05
D	0	11221	0	282	23	51	42.68	0.6774E+05	0.55	0.3416E+05
D	0	00574	0	283	00	18	22.98	0.2214E+06	0.75	0.3371E+05
D	0	00420	0	283	02	19	57.88	0.1408E+06	0.71	0.2806E+05
C	0	00220	0	283	04	48	03.93	0.1091E+06	0.46	0.3719E+05
D	0	01222	0	283	06	04	45.13	0.8007E+05	0.41	0.3966E+05
C	1	11222	0	283	06	14	52.68	0.8178E+05	0.55	0.4154E+05
C	0	11222	0	283	06	19	38.13	0.9142E+05	0.56	0.4391E+05
C	1	11122	0	283	06	24	56.28	0.9050E+05	0.59	0.4371E+05
D	1	00120	0	283	06	39	51.38	0.2362E+06	0.37	0.4745E+05

By
James N. Murdock and Charles R. Hatt
1983

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