

Plate 3. A representative example of the worst performance of the detector, relative to an analyst. Operational settings are used: Xth1 = 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 46 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 | 55.18 | 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 | 10.33 | 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 | 33.03 | 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 | 00374 | 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 |
| C | 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 | 36.28 | 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 |

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This report is preliminary and has not
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UP

GRFO SRO - SPZ TTY CAL - HELI DB MAG. - 0.06 K SEIS # 0.06
 TIME ON DATE 01 08 80 UT DAY # 282 OF 07 HR 30 MIN TIME CORR 1.5 MS
 TIME OFF DATE 01 09 80 UT DAY # 283 OF 07 HR 30 MIN TIME CORR 1.6 MS

