

kh2o installation

Nov 30, 2010. Visited several sites to install recalibrated kh2o's.

Site 2 (ABC) 1389 head bad; output ~30 mv. Installed 1393 about 10:30; output ~2 V.

twh (3/1/11): dat("w") shows mast down ~ 09:15 - 10:35; high-rate w suggests similar period

(3/2/11): high-rate pressure data more clearly show mast down 09:16 - 10:36

Site 3 (Highland) Arrived ~ 11:15

1333 head bad; output ~30 mv

1258 head bad; output ~20 mv

1390 head bad; output ~20 mv

1525 good!; output 2.2 V

Attached 1133 head to 1525 electronics and warmed head; still bad.

Reattached 1525 head; output 2.3 V.

Reattached 1525 head and left.

twh (3/1/11): dat("w") suggests mast down ~ 11:25 - 12:35; high-rate w suggests similar period

(3/2/11): high-rate pressure data clearly shows 11:25 - 12:36

Site 1 (Playa) Installed 1395 around 14:30. Also tested 1394, which was good.

twh (3/1/11): dat("w") suggests mast down ~ 14:10 - 14:35; high-rate data suggests 14:07 - 14:34

(3/2/11): high-rate pressure data clearly show mast down 14:07 - 14:34

Site 7 (Riverton) Installed 1394 around 15:55; output ~2.3 V.

twh (3/1/11): dat("w") suggests mast down ~ 15:45 - 16:05; high-rate w shows 15:47 - 16:03

(3/2/11): high-rate data of T-tc also support 15:47 - 16:03; pressure is not clear

Dec 1, 2010: Completed kh2o installation.

Cleaned 'bad' kh2o's by scrubbing with qtips and distilled water.

1133 went from 30 mv to 2 V

1258 went from 14 mv to 2 V

1389 went from 23 mv to 2 V

1390 went from 11 mv to 1.7 V. Designated as spare.

Site 4 (West Valley): 12:10 installed kh2o 1258; 2 V output

twh (3/1/11): dat("w") suggests mast down ?~ 11:35 - 12:15; high-rate w shows 11:41 - 12:15

(3/2/11): high-rate pressure data clearly indicate mast down 11:42 - 12:16

Site 6 (West Slope): 14:30 installed kh2o 1389; 2 V output

twh (3/1/11): mast does not appear to have been lowered

Site 5 (East Slope): 15:50 installed kh2o 1133; 2 V output

twh (3/1/11): dat("w") suggests mast down ?~ 15:30 - 15:50; high-rate w shows 15:31 - 15:55

(3/2/11): high-rate data for T-tc and pressure support 15:31 - 15:55