

SMART-R Event Log

IOP 5 Project: Debris Flow Project

Lat: 34.200610 Lon: -118.350563 Alt: 712 ft. Truck HD: 191 deg
 Date/Time SR1 ready for operation: 19 January 1750 UTC
 Site: BUR Airport, Burbank CA

Note taker: Kevin Manross (NSSL)

Time (UTC)	Event
19/1700	Arrived at truck. Startup we smoothly. First volume scan collected at 1750
19/1845	Data push to webserver seems very slow (~ 15 minutes). Tried a reboot of CARC to see if it sped up transfer – it didn't. Files are >= 15 Mb, so maybe that's how long it takes. Had been transferring files from CARC to laptop while collecting data with the understanding that the network connection between the two machines (for this purpose) shouldn't affect transfer. I killed my laptop transfer for fear this was untrue, but this did not improve data push to webserver any. Bottom line, it appears that pushing such large files takes ~ 20 minutes at times...
19/1919	Nearby lightning!
19/1926	Got "connection refused" error again to webserver. Rebooting CARC machine.
19/1950	Received a "Critical BITE fault:#50 Filament Under Volt FAULT"; Radar seems OK though... Logged into webserver and watched data come in. Seems to be doing better. "Sherrif-nado" report in Santa Barbara at 1830z; Kathrine relayed a hail report in Pasadena at 1931z
19/1957	Strong cell moving onshore near Oxnard currently.
19/2029	Received a "Critical BITE fault:#51 HVPS Over Temp"; Radar seems OK but will keep a close eye on this one. Strong QLCS moving onshore due S of radar (Long Beach Area)
19/2051	Just as I left to use the restroom, LOX issued a TOR warning for Whittier (SE of us
19/2153	Watched the little bow echo arrive. Should hit the SFBA. Looks like a multi-hour break in precip after this bow per satellite imagery. Will coordinate with WFO LOX in an hour or so...
19/2105	Got a missing burst pulse error and then a reverse power error. Hit Transmitter Reset and then toggled the Radiate button on the antenna GUI off and then on, twice. Received Reverse Power fault both times. Will reboot CRVP and see if that clears it. Shutting down...
19/2231	Rebooting system. Getting a mount failure on startup. Says "mount: special device /dev/dda1 does not exist" and another for /dev/sdb1. Saw this on initial startup of the day but was unsure if it was significant or not. System worked fine from 17-2210z. Got the same error just now. We'll proceed forward...
19/2242	When shutdown/reboot of full system, bitex Transmitter window never showed arrows going from TX Standby to TX Cooling – just stayed at Standby. We bringing system back up, Bitex Transmitter window immediate went to TX Standby – no "Warming" period... Going to kill all power and try bringing up

