

# Debris Flow-2007/2008 Event Log

## IOP-2

Lat: 33.94933 N      Lon: -118.44217 W      Alt: 43 m      Truck HD: 107 deg  
 Date/Time SR1 ready for operation: 18 December 2007 1555 UTC  
 Radar Calibration Offset = -6.0 dB

*Note taker: David Jorgensen (NSSL)*

Time (UTC)	Event
1530	Arrived on site, leveled truck and got all systems up OK
1600	Data collection has begun – isolated echoes over the water moving NE. Very light drizzle here at the site
1600	Gordon adjusted sigmet_imgs script to send multiple elevation sweeps. Currently sending 2.4 3.1 and the 4.0 sweep for web site display
1630	USGS conference call – Press day tentatively set for Jan. 3rd
1658	Very spotty echoes moving from the water to the NE just to the east of the burn areas. Rain has stopped here at the site
1720	Gordon playing with the web loop script – looping was killed
1741	Update_loop running again – all tilts are now displayed on their own web page
1824	Echoes dying even over the water. Not much evident any more.
1927	More numerous convective looking storms, albeit weak, are over the land now
1954	35 dBZ echo over Canyon burn area
2016	N-S band of broken echoes to ~35 dBZ at 75 km to the west
2041	Now sending 0.9, 1.3, 1.8, 2.4, 3.1, & 4.0 tilts to the web server
2353	Major band coming onshore. Rain at site. Changed clutter filter from Vdop=5 to Vdop=3 to recover more of the echo over water that is near Vr=0
0013	Looks like 3 distinct waves or north-south lines of heavy precip moving in. Max dbz is ~45. Added a rainfall scale to the web loop. Also tweaked the color scale a bit to give more definition to the high end.
0103	Moderate rain now at site. Heaviest its been all day
0115	Rain has slacked off again at the site
0216	Comparing SR1 with SOX and VTX indicates SR1 is perhaps 6 dBZ to “hot”.
0231	Looks like last major band has passed the burn areas
0310	Light spotty showers to the west
0335	Another N-S band of rain about 100 km to the west
0402	Rain intensities going downhill all over the screen
0517	Another mass of 40 dBZ rain moving onshore but south of burn areas
0538	Moderate rain at site
0553	Rain stopped at site – may be last band – no appreciable echoes to the west
0600	Terminating operations