Debris Flow-2007/2008 Event Log IOP-1

Lat: 33.68109 N

Lon: -117.72717 W Alt: 114 m Truck

HD: 334° deg Date/Time SR1 ready for operation: <u>15 March 2008 2300 UTC</u> Radar Calibration Offset = 0 dB Site: El Toro Marine Base, Irvine CA

Note taker: David Jorgensen (NSSL)

Time (UTC)	Event
2230	Arrived on site, leveled truck, did suncal (Az er:131, el er: .125) and got all systems up OK. Seemed to take the transmitter about 5 minutes to come online (modulator light to come on). MotoSat locked on in a few minutes.
2301	Broken cu clouds, only precip is far to north near I-10. Expect showers and tstms later tonight as cold low comes across region. Sfc winds here at perhaps 30 knots.
2340	Data collection begun. Convective storm at about 90 km to the NW through N. Weaker echoes to the SW 75-100 km. Max dBZ low 40's.
0009	Echoes to North are moving slowly eastward
0012	Adjusted the visky display slightly to more the center point a bit farther to the west to see more of the storms in San Diego County.
0130	New cells just north of the burn area – moving slowly eastward – storms in San Diego county dissipating
0215	Added 5.1 deg elevation angle to the transmit list to better define the echoes to the NE over the mountains
0258	New echo near 100 km to the NW
0400	New echoes just north of burn area on 5.1 deg elevation scan
0534	Echoes passing burn area to the east moving north to south
0637	Echoes are fairly weak max dbz only about 35 on the 5 deg elev scan
1002	All echoes have dissipated, moon is out terminating operations