

SR1 log 2/23/08

At site 0000 UTC 2/24 scanning 30 dBZ showers to W-SW; a few earlier scattered showers have moved off.

0032 – Motosat locked on

Main rain bands west of Point Conc.

0220 – large area of showers west of burns

0300 – several bands of cells w of burns with leading band over burns; 30-35 dBZ

0330 – some 40 dBZ at lower tilts

0420 – in between bands

0500 – Larger band about to pass over burns; embedded 50+ dBZ cells

0600 – 45-50 dBZ band about to hit western burn

30 dBZ cells haven't registered in Malibu gauge; only .01" between 0100 and 0200 UTC; 0600-0700 should be much different

*** there are dropped radials nearly every tilt

0610 – heavy band over burns; moving fairly rapidly; possibly 55 dBZ on low tilts

scattered cells in stratiform echo to the west

0800 – steady 30-40 dBZ stratiform rain out to 30 km; some embedded cells

.22" 7-8 at Maibu gauge

0840 – heaviest rain so far at site; 45-50 dBZ

still solid echo 50-100 km west

1000 – solid rain

1130 – precip tapering off to the west of 75 km; mostly 30-35 dBZ with locally embedded 40 dBZ

1200 – last little 35 dBZ band moving over burns; clearing to the W – SW; terrain enhanced?

1300 – E-W band over burns; not much to W

1430 – local terrain enhancement over burn areas eastward; precip very shallow all < 50 km range

1600 – very few echoes east of LA; drizzle at site

1614 – paused data collection (DC)

1700 – began DC; possible showers beginning 270 deg/80 km

1730 – weak showers popping up W-NW

1900 – small weak echoes dev. West of burn areas

2000 – small line of showers over burns; larger cells to west

2030 – small 55 DBZ cell with tiny meso just SOUTH of E burn area; probably causing wrecks on the PCH; another cell just to W

notified WFO (Jamie)

2045 – persistent meso (mostly offshore)

2100 – intense small cell training over E burn area; 3 55 dBZ cores

another group of cells approaching from W

2130 – cells east of burns

2230 - cells missed burns

2350 – small weak echo over burn; other weak echoes NE moving east

2400 – shutting down