



National Weather Service

Storm Data and Unusual Weather Phenomena



April 1997

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	

CALIFORNIA, South Central

Madera County

2 N Madera

01 1600PST **0** **0** **15K** **0** **Thunderstorm Wind**

A thunderstorm produced gusty wind raising dust, damaging a car port, and moving a vehicle in the road in the Madera Knolls area 2 miles north of Madera. Witnesses report a gust front with little wind before and diminishing wind after the event. Unconfirmed gustnado with the event as radar indicated the thunderstorm cell to the north of the area. Wind speed unable to be determined

CAZ022

02 0100PST **0** **1** **150K** **0** **High Wind (G70)**
03 1700PST

Strong northeast wind labelled Mono Wind which effect the west slopes of the Southern Sierra Nevada Mountains occurred for two days starting early in the morning of Tuesday, April 2. A spotter 20 miles NE of Bass Lake in Madera County at 7200 feet reported some roof damage at 0100 PST on the 2nd. While some damage began at 0230 PST in Yosemite National Park, the strongest part of the event as reported by Yosemite Dispatch was from 1230 to 1530 PST later in the day. Trees were toppled hitting houses and cars in Foresta, Wawona, and Mariposa Grove. Power lines were downed sparking two fires between Mariposa and Yosemite. Winds were still strong enough on Wednesday the 3rd to cause a minor injury to a hiker from flying debris.

CAZ025

23 0649PST **0** **0** **High Wind (G85)**
2000PST

Non-thunderstorm wind (mountain wave) in several locations in the Mojave Desert in Kern County this day. By 0800 PST Inyokern Airport had sustained wind of 35 Kts with gusts to 60 Kts...Mojave Airport had sustained wind of 45 Kts with gusts to 70 Kts. Later in the day at 1622 PST Edwards AFB had sustained wind of 34 Kts with a peak gust of 42 Kts. China Lake NWTC at 0856 PST reached 37 Kts sustained with a gust to 46 Kts. Peak wind for the day at Mojave was a gust of 85 Kts at 1445 PST.

CAZ025

28 1245PST **0** **0** **High Wind (G35)**
1300PST

Gradient wind (funneled) with a sustained wind of 35 Kts and a gust to 45 Kts at 1245 PST.

CAZ025

29 1045PST **0** **0** **High Wind (G70)**
1900PST

Gradient Wind (funneled) with a sustained wind of 35 Kts and gust to 50 Kts at 1045 PST and a peak gust of 70 Kts at 1545 PST. Some mountain wave activity supporting the higher wind speed in the vicinity of Mojave