

NOAA Data Report OAR ARL-21

**DATA REPORT: SURFACE AND UPPER-AIR METEOROLOGICAL DATA
ACQUIRED DURING THE CENTRAL CALIFORNIA OZONE STUDY (CCOS)**

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Abstract

NOAA's Air Resources Laboratory (ARL) Field Research Division (FRD) deployed nine meteorological towers and a ground-based remote sensing system for the Central California Ozone Study (CCOS). These instruments were operated over a four-month period from June 1 to September 30, 2000. Each tower was equipped with a cup anemometer and vane to measure wind speed and direction, respectively, at 10 m above ground level. In addition, air temperature and relative humidity were acquired at 2 m. The ground-based remote sensor system included a phased-array Doppler sodar and a 924-MHz radar wind profiler. A data summary is presented in this report.

