2019 Daily Weather Records Key for Westlake Village/Northgate/Reid

The records for each month (except for May and June, when I am chasing storms) take up four pages in my weather notebook. My scanner is unable to fully cover a full page side. In order not to leave any information out, the four page sides received six scans. Thus, you will see that much information appears on a couple of scans.

The line of dates that is on the left edge of each page is generally not on the 3rd and 6th scans, making life difficult. But, the entries are in groups from the 1st to the 10th, the 11th to the 20th, and the 21st to the end of the month, to make it easier to figure out the dates on those 3rd and 6th scans.

I like to document plenty of local daily max and min temperature data, and I gather this information from different Internet sources. Typically, the daily data are collected within 2-3 hours of 10 p.m. I try to show the morning minimum temperature, but on rare occasion the evening temperatures undercut this value. So, beginning with scans 1, 2 and 3, covering pages 1 and 2, here is what you will find listed for January 2019:

Max and min temperature and 24-hour precip amounts from the 4 or 5 p.m. PST listings courtesy of the NWS Oxnard and Las Vegas offices:

Westlake Village/findu EW4921/my station at Northgate, very near Hillcrest and Westlake Blvd.

Woodland Hills/Pierce College

Thousand Oaks/Sunset Hills/findu DW7457/observer Bob Kahn (appears later in 2019)

Chatsworth/findu DW0345/near Plummer and DeSoto/a home owner and I keep this station in operation. The peak wind gust info is provided (Dir/speed in mph/hour of occurrence in PST)

and

CSU Northridge, Van Nuys AP (VNY), Burbank AP (BUR), Los Angeles/USC/KCQT, and Death Valley/Furnace Creek.

Pressure Gradients

The pressure gradients for LAX to DAG (L-D) and for LAX to BFL (L-B) at both 12Z and 00Z are provided. Negative values means that pressures are higher at the inland station compared to LAX.

Westlake Village/Northgate/Reid station daily weather

For my home station in Westlake Village (el. 990'), I enter the midnight-to-midnight max and min temperatures from the Davis Vantage Pro 2 station behind the condo (to the nearest tenth of a degree), any precip amount (midnight to midnight), the general sky condition for the day (C, PC or CDY), and a brief blurb to describe the clouds and/or weather locally.   Very active weather days may merit additional comment, written elsewhere on one of the pages for the month.

Weather Underground Stations

These stations tend to come and go on occasion, but I try to stay with the ones that appear to be very accurate and reliable through the years. Only max and min temps are entered, covering the period since midnight. The stations listed in January 2019 were

WLV/Westlake Hills el. 960' in Westlake Village/Thousand Oaks near Russell Park (this station is pretty close to mine and is conservative on high temps. Sprinklers hit the station on some evenings, dropping the temperature and causing rain amounts to show up.

WLV/North Ranch el. 1325' in Westlake Village/Thousand Oaks on Lakeview Canyon Road near North Ranch Country Club (north of my station and well-exposed along the hilltops)

WLV/Yacht Club el. 886' in Westlake Village, right on the lake (Westlake) Wind data from this station appears to be excellent, but I have not been writing in any wind info.

Lobo Canyon el. 900' SW of Agoura Hills and S to SE of WLV. This is a big-time frost pocket location in the Santa Monica Mountains.

Tapia Park frost pocket station near Malibu Canyon Road and Piuma Road

West Hills el. 1056' in West Hills/a well-exposed station elevated a bit above the floor of the western San Fernando Valley, west of Valley Circle and Victory

WH Flatlands el. 845' in Woodland Hills near Woodlake and Sylvan. Like the name says, it is in the very flat part of Woodland Hills, near the West Hills border, and in an area prone to cold nighttime minimum temperatures. This station has been very reliable and non-problematic for a long time.

Moorpark Orchard Downs el. 800', about two-three miles west of downtown Moorpark. This is a Vantage Pro 2 station of mine, on a ridge on my sister's property. It is very well-exposed and is about 400 feet above the flats where the railroad is just to the south. (findu FW1963) The station is listed at an elevation of 642' by NOAA, but it is at 800 feet ASL.

NWS and NOAA Stations

The first station here is **Pierce College**, with the data taken from the station web site: max and min temps through about 10 p.m. and peak gust for the day (speed in mph, direction and hour/PST).

The remainder are max and min temps off of the NWS Weather and Hazards map:

Cheeseboro, a hilltop RAWS station north of Agoura, at 1707', with peak gust provided (dir and speed in mph, and hour (PST).

VCAP T.O. is the Ventura County Air Pollution Control District station in Thousand Oaks, at T.O. High School. Both the max and min temps are quite conservative as the temperature instrumentation is well above the ground.

VCAP Simi is the Ventura County Air Pollution Control District station in the eastern part of Simi Valley, just northwest of Los Angeles Ave and Yosemite.   Both the max and min temps are quite conservative as the temperature instrumentation is well above the ground.

EW8196 in Woodland Hills, near Hatteras and Woodlake This is a very reliable and accurate station on the flatlands of western Woodland Hills.

Malibu Canyon RAWS is a long-lived station near Tapia Park, along Malibu Canyon near Piuma Road. The max and min temps are based on hourly readings.

Topanga DW5544, in a big-time frost pocket in the Santa Monica Mountains south of Calabasas High School and NW of the town of Topanga.

Sandstone Peak, a NWS Oxnard station near the top of Sandstone Peak (el 3110')', one of the highest points of the western part of the Santa Monica Mountains. An awesome station for wind info, marine layer depth info, and temperature a couple of thousand feet above the floor of the Conejo Valley and vicinity.

Malibu DW5145, another very well-exposed station along a ridge line along the south-facing slopes of the western Santa Monica Mountains (SW of Sandstone Peak at 1705'). This station really catches the Santa Ana winds, and peak gust info is provided along with the max and min temps. Awesome for marine layer and temp and RH info 1700 feet above the nearby ocean.

Upper Air Info and Water Temps

The final page was reserved primarily for upper air information from the upper-air/sounding stations at Vandenberg AFB (VBG), Miramar (near San Diego/NKX) and Las Vegas (VEF). The VBG data were from 12Z/4 a.m. PST, and the NKX and VEF data were from 00Z/4 p.m. PST. Technically, the 00Z data were on the following day Zulu time. But the sounding data here were generated in the late-afternoon on the date indicated. On rare occasion, if data were missing for the usual time, I entered any data available from another sounding from the same location on that day.

Provided for VBG are the 500 mb height in decameters, the temperature in C at 500 mb, the wind (dir/kts) at 500 mb, and the temperature in C at 700, 850, and 925 mb, and the temperature at the surface (C).

Provided for NKX and VEF are the 500 mb height in decameters, the temperature in C at 500 mb, the wind (dir/kts) at 500 mb, and the temperature in C at 700, 850, and 925 mb. On rare occasion, with very low pressure in the vicinity of Las Vegas, the 925 mb level at VEF is below the surface, and the surface temperature is provided instead.

The final columns are sea-surface temperatures. The "ocean" water temperature information was from the buoys, usually SB (eastern Santa Barbara Channel buoy), SM (Santa Monica Bay buoy), and SC (San Clemente Island buoy).   Sometimes the data were not available, and I would have to use HP (Harvest Platform) or PC (Point Conception) or SN (San Nicolas Island buoy). The water temps from the buoys was typically gathered around 10 p.m. Finally the 4

p.m. beach water temperatures from Zuma (Z) and Hermosa (H) are provided. If not available at 4 p.m., I looked for the same info on the 1 p.m. or 10 a.m. observations.