

## 2016 Daily Weather Records Key for Westlake Village/Northgate/Reid

The records for each month in 2016 (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 total. 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 the scans which don't show the date.

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.

The data provided gradually change from year-to-year. I am not making a key for each year, but chances are that if you can't figure out a particular entry, that one of the keys provided will provide the info needed.

There is a key for 2019. This one is for 2016, and looking at the January pdf files, here is what is listed:

### **Max and min temperature and 24-hour precip amounts from the 4 or 5 p.m. 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

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 and hour of occurrence in PST)

and

CSU Northridge, 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 (a little before sunrise) and 00Z (around sunset) are provided. Negative values means that pressures are higher at the inland station compared to LAX.

Z and H are beach water temps at Zuma and Hermosa, usually 4 p.m. obs

## **Westlake Village/Northgate/Reid station daily weather**

For my home station in Westlake Village (el. 990'), 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. There are lots of abbreviations used in the descriptions, but most can be figured out! "VGV" means "Very Good Visibility" and "EGV" means "Extremely Good Visibility" RW means rain shower.

## **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 from about midnight through about 9 to 10 p.m. The stations listed in January 2016 were

**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)

**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.

**Paramount Ranch el. 820'** south of Agoura in the Santa Monica Mountains. Extreme frost pocket location.

**T.O. Kahn** is Bob Kahn's Sunset Hills/Thousand Oaks station at 1063' Instrumentation is near roof level and temps are very conservative on both highs and lows, given site location near the hilltops. This station now (2020) appears on the NWS RTP and Hourly Wx Update lists.

**Agoura Hills/Lost Hills** now closed (2020), cold spot station just north of the Ventura Freeway near the Lost Hills exit

**Bell Canyon** a now-closed station (2020), well into the canyon

**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, still going strong in 2020.

## **NWS and NOAA Stations**

These are mainly max and min temps off of the NWS Weather and Hazards map. The daily max and min temps are generally taken from readings that are updated every 5 or 10 minutes,

unless stated otherwise. Typically the home stations are not as well exposed compared to the RAWS and government stations.

**Pierce College in Woodland Hills**, with peak wind gust data (Knots/dir/hour in PST) thus, a wind entry of 13 13 16 means a peak gust of 13 knots from 130 degrees between 1500 and 1600 PST. Wind at Pierce was in Knots for a little while, and changed back to mph.

**CHE/Cheeseboro**, a hilltop RAWS station north of Agoura, at 1707', with peak gust provided (dir and speed in mph, and hour (PST). Maximums at many RAWS station, including Cheeseboro, go a few degrees too high in sunny conditions with light winds. I generally take the daily temperature extremes from the hourly readings only.

**T.O. APCD** 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. Daily temperature extremes are from the hourly readings only.

**Simi APCD** 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. Daily temperature extremes are from the hourly readings only.

**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 home station in the Santa Monica Mountains south of Calabasas High School and NW of the town of Topanga.

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

**Winnetka (CW7387)**, a longterm home station near Sherman Way and Winnetka. This location is near the heart of the West Valley and near the heart of hottest summer maximums. It is also near the L.A. River and has regularly cold minimums, similar to those at nearby Pierce College. Its maximum temps appear to be a little on the high side, 1-2 degrees F, at least to the better-exposed Pierce station, but that is not unusual for home stations.

### **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 are from 12Z/4 a.m. PST, and the NKX and VEF data are from 00Z/4 p.m. PST. Technically, the 00Z data belong on the following date Zulu time. But the sounding data here were generated in the late-afternoon on the date indicated.

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). 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.