



Western Weather Group's Sonoma County Forecast

Meteorologist, Marc Walsh

This forecast is sponsored by the Sonoma County Winegrape Commission

State of the art soil moisture monitoring systems are now available through WWG

Sunday March 24, 2019 issued 8:30am

HIGHLIGHTS: Dry & mild today despite increasing afternoon cloudiness. Cloudy tonight with rain developing prior to dawn. Steady rain tomorrow morning giving way to isolated afternoon showers. Probably dry Tuesday before rain returns Tuesday night. Periods of rain or showers & often windy Wednesday & Thursday before drying out Friday.

| SHORT TERM SPECIFICS | | Weather | Max/Min | Dew Pts | POPs | Amounts | Winds |
|----------------------|---|--------------------|---------|---------|------------|-----------|-----------------|
| TODAY | Alexander/Dry Crk Vly | Partly→Mostly Cldy | 62-65 | 35-45 | 0% | none | SE-S 3-12 G15 |
| | Russian River, Green Vly & Petaluma Gap | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| | Sonoma Valley | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| TONIGHT | Alexander/Dry Crk Vly | Cloudy→Rain | 41-48 | 38-44 | 100%(late) | .20 - .50 | S→E 3-12 |
| | Russian River, Green Vly & Petaluma Gap | ↓ | ↓ | ↓ | 90%(late) | .10 - .40 | ↓ |
| | Sonoma Valley | ↓ | ↓ | ↓ | 80%(late) | .05 - .30 | ↓ |
| Monday | Alexander/Dry Crk Vly | AM Rain | 55-60 | 44-52 | 100%→25% | .50 - 1.0 | E-SE→W 5-15 G20 |
| | Russian River, Green Vly & Petaluma Gap | ↓ | ↓ | ↓ | ↓ | .40 - .80 | ↓ |
| | Sonoma Valley | ↓ | ↓ | ↓ | ↓ | .35 - .50 | ↓ |

Forecast Discussion: Transitory ridging will make its way inland across California today while offshore, a weather system makes good progress toward the coast. Thus Sonoma County will start the day at least partly sunny but become increasingly more cloudy as the day wears on. The expected rather deliberate inland movement of this disturbance's cold front across the North State tonight and tomorrow will make for a rather cloudy night across the North Bay although overrunning precipitation looks to hold off until a few hours before dawn. More significant frontal rainfall will spread across the county tomorrow morning before tapering off to only isolated showers by the afternoon as the front moves east of the county.

Extended Forecast Discussion: After a period of short lived drying on Tuesday, a second colder, more imposing weather system will set up shop off the North Coast and direct waves of less organized moisture across Northern and occasionally Central California beginning Tuesday night and continuing to do so Wednesday and Wednesday night. The eventual inland rotation of this disturbance's parent low focuses precipitation more across the North (than the Central) State on Thursday with shower activity finally coming to an end sometime Thursday night. Models vary on expected rainfall totals Tuesday night through Thursday with as little as 1/2" to as much as 2" across the county. Rebuilding high pressure will bring clearing skies and some north wind late Thursday into early Friday resulting in a slight frost risk on Friday morning in wind sheltered valley locations. The ridge should hold but flatten next week as the westerlies carve out a new trough along the West Coast to returning cooler, and perhaps unsettled weather back to Northern California early next week after a generally dry & mild weekend.

| OUTLOOK | Tue 3/26 | Wed 3/27 | Thu 3/28 | Fri 3/29 | Sat 3/30 | Trends Sun 3/31 - Tue 4/2 |
|-------------|---------------|------------|------------|------------|-------------|--|
| Weather/Sky | Cldy→Rain | Rain | Showers | Sunny→PC | Partly Cldy | Max Temps: Near normal |
| Max Temps | 58-63 | 55-59 | 56-60 | 64-67 | 66-70 | Min Temps: Near normal |
| Min Temps | 37-44 | 45-51 | 41-45 | 32-40 | 37-43 | Rainfall: Probable but light |
| Chc of Rain | 10%→80% | 90% | 80%→50% | 0% | 0% | Wx Pattern: Weak ridging over the weekend |
| Amounts | Tr - .30(eve) | .35 - 1.5 | 05 - .50 | none | none | flattens & gives way to zonal or |
| Winds | S-SE 3-20 | SW-W 10-35 | SW-NW 5-20 | Var-W 0-15 | N-Var 3-12 | westerly flow early next week |

REGIONAL CLIMATE SUMMARY

| 23 March 2019 (CIMIS & NWS Stns) | Max/Min | 24hr* Precipitation | Seas, since 7/1 | % Normal | Past Week ETo | Today's Normals | Today's Records & Year |
|-------------------------------------|---------|------------------------|-----------------|----------|------------------|--------------------|------------------------|
| Ukiah AP | 60/41 | 0.04 | 34.83 | 100% | -- | 66/41 | 92 (1926), 25 (1995) |
| Windsor (103) | 64/41 | 0.01 | 34.78 | -- | 0.65 | -- | -- |
| Sonoma County AP | 62/45 | 0.79 | 40.18 | 142% | -- | 66/44 | 91 (1926), 28 (1916) |
| Santa Rosa (083) | 62/40 | 0.00 | 35.35 | -- | 0.78 | -- | -- |
| Bennett Valley (158) | 61/40 | -- | -- | -- | 0.68 | -- | -- |
| Carneros (109) | 63/43 | 0.04 | -- | -- | 0.82 | -- | -- |

Sonoma County Weather Station Network

Daily Meteorological Summary

Saturday, March 23, 2019

| Station: | Temperature | | | | | Avg | Avg | WIND | | | Precipitation | | Solar | ETo | 24-Mar-19 |
|--------------------------------|-------------|-------|------|-------|------|-------|-----|------|------|------|---------------|--------|---------------------|------|-----------|
| | Max | time | Min | time | Avg | DewPt | RH | Avg | Gust | Gust | 24hr | Season | Rad | | Min Temp |
| | °F | occur | °F | occur | °F | °F | % | mph | mph | Dir | In. | 7/1→ | cal/cm ⁺ | in. | |
| Rockpile-Cooley 1825' | 55.3 | 16:13 | 39.5 | 6:02 | 45.5 | 40.3 | 84 | 9.0 | 22.8 | NNW | 0.02 | 52.16 | 415 | 0.09 | 40.9 |
| Rockpile Lower 1270' | 58.2 | 16:19 | 42.4 | 6:40 | 48.9 | 41.8 | 78 | 4.7 | 16.7 | W | 0.02 | 53.93 | -- | -- | 41.4 |
| Cloverdale East | 63.8 | 15:58 | 39.9 | 0:59 | 51.4 | 44.1 | 79 | 3.1 | 18.3 | W | 0.01 | 47.51 | 473 | 0.12 | 38.6 |
| Cloverdale SE 625' | 62.5 | 16:08 | 42.4 | 0:46 | 51.6 | 43.9 | 77 | 4.6 | 18.9 | SW | 0.02 | 48.29 | 453 | 0.11 | 39.5 |
| Geyserville West (Gallo) | 62.6 | 13:44 | 40.9 | 23:55 | 51.7 | 45.3 | 82 | 1.3 | 12.0 | -- | 0.01 | 52.72 | 372 | 0.09 | 36.3 |
| Geyserville (Hoffman) | 62.8 | 13:47 | 40.0 | 0:58 | 52.2 | 44.0 | 76 | 3.4 | 18.9 | W | 0.02 | 47.95 | 442 | 0.11 | 37.7 |
| Geyserville | 63.9 | 13:51 | 41.0 | 0:59 | 52.8 | 44.9 | 77 | 3.7 | 15.7 | W | 0.00 | 40.61 | 454 | 0.12 | 39.0 |
| Geyserville NE 725' | 63.5 | 13:54 | 42.9 | 0:50 | 52.4 | 44.7 | 77 | 4.4 | 18.2 | W | 0.01 | 46.77 | 491 | 0.12 | 39.8 |
| Geyserville South (Nervo) | 64.6 | 12:42 | 41.6 | 0:59 | 53.1 | 44.9 | 76 | 3.4 | 17.8 | W | 0.01 | 41.64 | -- | -- | 39.0 |
| Alexander Valley (Piccolo) | 62.9 | 17:02 | 41.1 | 0:58 | 52.8 | 45.3 | 79 | 2.9 | 15.8 | W | 0.01 | 45.84 | 398 | 0.11 | 38.7 |
| Dry Creek Valley | 63.5 | 13:46 | 40.9 | 0:48 | 52.6 | 45.8 | 80 | 3.7 | 19.3 | WNW | 0.01 | 55.87 | 416 | 0.11 | 39.0 |
| Healdsburg South (Sodini) | 66.5 | 14:12 | 40.5 | 0:50 | 53.2 | 46.1 | 80 | 2.2 | 19.2 | N | 0.24 | 40.51 | -- | -- | 38.2 |
| Windsor NW | 65.3 | 12:13 | 43.0 | 0:59 | 54.3 | 47.1 | 79 | 2.8 | 18.1 | WSW | 0.00 | 45.80 | 416 | 0.11 | 40.9 |
| Windsor East | 64.1 | 14:05 | 41.5 | 0:59 | 53.2 | 46.3 | 80 | 2.8 | 12.8 | NNW | 0.01 | 35.35 | | | 38.7 |
| Windsor SE (Airport) | 63.9 | 13:14 | 42.2 | 0:56 | 53.3 | 46.6 | 80 | 1.6 | 11.2 | WSW | 0.03 | 37.25 | 401 | 0.10 | 39.0 |
| Windsor SW (Silk Rd.) | 62.8 | 16:23 | 41.0 | 0:35 | 52.7 | 46.5 | 82 | 2.4 | 19.7 | W | 0.06 | 39.82 | 369 | 0.10 | 38.7 |
| Windsor South (Laughlin Rct) | 63.8 | 13:21 | 43.3 | 0:16 | 53.4 | 46.5 | 80 | -- | -- | --- | 0.01 | 40.69 | -- | -- | 40.3 |
| Forestville (Shone) 235' | 63.8 | 13:50 | 41.8 | 23:55 | 52.9 | 46.3 | 80 | 3.1 | 19.5 | SW | 0.00 | 47.71 | 539 | 0.13 | 38.9 |
| Forestville (Wohler Rd) | 63.1 | 12:38 | 41.9 | 0:26 | 53.1 | 46.8 | 81 | 3.2 | 19.2 | WSW | 0.00 | 46.37 | 515 | 0.13 | 40.8 |
| Fulton West | 63.4 | 12:55 | 42.0 | 0:31 | 53.2 | 47.0 | 82 | 2.4 | 17.3 | SW | 0.30 | 36.80 | -- | -- | 39.0 |
| Fulton SE (Barnes Rd) | 62.1 | 14:00 | 41.6 | 1:01 | 52.4 | 46.3 | 81 | 2.7 | 14.6 | WSW | 0.03 | 36.13 | -- | -- | 38.5 |
| Fulton SW | 63.3 | 14:08 | 42.4 | 0:15 | 52.8 | 46.5 | 82 | 3.5 | 17.4 | WSW | 0.00 | 35.55 | 428 | 0.11 | 39.1 |
| Lower Mark West Cr (Denner) | 62.6 | 15:21 | 42.4 | 0:36 | 52.7 | 46.5 | 81 | 4.2 | 23.5 | SW | 0.01 | 38.47 | -- | -- | 38.8 |
| Sebastopol North (Guerneville) | 62.2 | 13:36 | 42.2 | 0:33 | 52.7 | 46.1 | 80 | 3.8 | 18.5 | WNW | 0.00 | 38.60 | -- | -- | 40.0 |
| Sebastopol (Balletto) | 62.3 | 13:55 | 43.5 | 0:14 | 52.5 | 45.7 | 81 | 3.3 | 21.5 | WSW | 0.01 | 40.46 | -- | -- | 39.4 |
| Graton West (Dutton Ranch) | 62.4 | 13:40 | 40.7 | 0:56 | 51.9 | 46.5 | 84 | 2.5 | 20.0 | WSW | 0.01 | 49.76 | -- | -- | 38.7 |
| Graton South (Mill Station) | 59.6 | 13:39 | 39.8 | 0:59 | 51.1 | 45.2 | 82 | 2.9 | 18.8 | NW | 0.01 | 44.91 | -- | -- | 36.8 |
| Sebastopol Hills (Burnside Rd) | 58.1 | 13:45 | 42.6 | 0:46 | 50.9 | 45.1 | 82 | 4.0 | 20.3 | WSW | 0.01 | 46.33 | -- | -- | 40.4 |
| Fort Ross/Seaview (Hirsch) | 54.2 | 17:15 | 41.5 | 6:50 | 46.7 | 44.4 | 92 | 2.4 | 10.9 | WNW | 0.01 | 77.65 | 486 | 0.10 | 42.6 |
| Lower Bennett Valley | 61.5 | 13:24 | 38.5 | 0:53 | 51.9 | 45.6 | 81 | 3.2 | 19.1 | W | 0.00 | 37.69 | 481 | 0.12 | 36.3 |
| Kenwood (Kunde) | 58.1 | 13:38 | 36.7 | 0:46 | 46.8 | 40.9 | 82 | 2.3 | 18.8 | WSW | 0.02 | 38.53 | 438 | 0.10 | 33.6 |
| Sonoma Valley (Bedrock) | 61.8 | 14:09 | 41.9 | 0:54 | 52.2 | 44.0 | 77 | 3.3 | 15.5 | W | 0.02 | 44.25 | -- | -- | 37.4 |
| Sonoma (Arnold) | 62.8 | 13:49 | 41.5 | 0:55 | 53.4 | 46.4 | 79 | 4.4 | 20.7 | W | 0.02 | 35.01 | 519 | 0.13 | 38.4 |
| Schellville | 63.4 | 13:04 | 42.7 | 0:59 | 54.5 | 47.4 | 79 | 3.2 | 19.2 | W | 0.02 | 32.68 | -- | -- | 39.1 |
| Sonoma SE (Napoli) | 63.4 | 13:28 | 42.0 | 0:29 | 53.7 | 46.2 | 78 | 4.1 | 18.8 | WNW | 0.04 | 30.26 | -- | -- | 38.9 |
| Schellville East | 61.5 | 13:07 | 45.4 | 0:46 | 53.2 | 46.9 | 81 | 7.9 | 26.9 | W | 0.03 | 30.75 | -- | -- | 42.1 |
| Carneros Hilltop | 61.8 | 14:01 | 44.4 | 0:51 | 53.2 | 46.5 | 80 | 10.0 | 29.8 | WSW | -- | -- | -- | -- | 43.2 |
| Carneros Lower | 63.2 | 14:34 | 44.0 | 0:59 | 53.8 | 47.4 | 81 | 3.6 | 16.0 | WSW | 0.05 | 31.13 | 489 | 0.12 | 41.5 |
| Rohnert Park West (Stony Pt F) | 59.7 | 13:12 | 41.1 | 0:37 | 51.6 | 46.2 | 83 | 4.4 | 24.1 | W | 0.01 | 32.95 | -- | -- | 39.2 |
| Petaluma Hills East (Stage Gu) | 59.0 | 13:09 | 45.4 | 0:54 | 51.4 | 46.0 | 83 | 6.7 | 24.0 | W | 0.01 | 31.51 | 533 | 0.12 | 43.5 |
| Petaluma East | 63.2 | 11:42 | 41.6 | 0:59 | 53.4 | 47.1 | 81 | 4.1 | 19.8 | W | 0.00 | 23.52 | 499 | 0.13 | 39.0 |
| South Lakeville | 62.1 | 14:42 | 42.9 | 0:58 | 53.3 | 46.6 | 80 | 5.6 | 19.2 | WNW | 0.02 | 34.38 | 502 | 0.12 | 40.4 |

Daily Biometeorological Summary

| Station: | Powdery Mildew | | | | Growing Degree Days (T>50°F) | | | | Min |
|--------------------------|------------------|--------|----------|--------|----------------------------------|----------|--------|-------------|-------|
| | Continuous Hours | | Stress* | Actual | Accumulations to date, begin 4/1 | | | Battery | |
| | 70-85°F | T>95°F | Category | PTS | Yesterday | Season** | Normal | max to date | Volts |
| Rockpile-Cooley 1825' | 0.0 | 0.0 | n/a | -- | 0.4 | | | | 12.1 |
| Rockpile Lower 1270' | -- | -- | n/a | -- | 1.3 | | | | 12.8 |
| Cloverdale East | 0.0 | 0.0 | n/a | -- | 4.0 | | | | 12.2 |
| Cloverdale SE 625' | 0.0 | 0.0 | n/a | -- | 3.3 | | | | 12.4 |
| Geyserville West (Gallo) | 0.0 | 0.0 | n/a | -- | 3.6 | | | | 12.5 |

| | | | | | | |
|---------------------------------|-----|-----|-----|----|-----|------|
| Geyserville (Hoffman) | 0.0 | 0.0 | n/a | -- | 4.0 | 12.0 |
| Geyserville | 0.0 | 0.0 | n/a | -- | 4.2 | 12.3 |
| Geyserville NE 725' | 0.0 | 0.0 | n/a | -- | 3.9 | 12.5 |
| Geyserville South (Nervo) | 0.0 | 0.0 | n/a | -- | 4.2 | 11.8 |
| Alexander Valley (Piccolo) | 0.0 | 0.0 | n/a | -- | 4.2 | 12.0 |
| Lytton (River Oaks) not availat | | | n/a | -- | | |
| Dry Creek Valley | 0.0 | 0.0 | n/a | -- | 4.3 | 11.7 |
| Healdsburg South (Sodini) | 0.0 | 0.0 | n/a | -- | 4.7 | 11.5 |
| Windsor NW | 0.0 | 0.0 | n/a | -- | 5.1 | 12.5 |
| Windsor East | 0.0 | 0.0 | n/a | -- | 4.3 | 12.5 |
| Windsor SE (Airport) | 0.0 | 0.0 | n/a | -- | 4.2 | 12.5 |
| Windsor SW (Silk Rd.) | 0.0 | 0.0 | n/a | -- | 4.1 | 12.8 |
| Windsor South (Laughlin Rd) | 0.0 | 0.0 | n/a | -- | 4.2 | 13.8 |
| Lower Westside Rd not availat | | | n/a | -- | | |
| Forestville (Shone) 235' | 0.0 | 0.0 | n/a | -- | 4.0 | 12.0 |
| Forestville (Wohler Rd) | 0.0 | 0.0 | n/a | -- | 4.4 | 12.5 |
| Forestville (Foggy Bend) not a | | | n/a | -- | | |
| Fulton West | 0.0 | 0.0 | n/a | -- | | |
| Fulton SE (Barnes Rd) | 0.0 | 0.0 | n/a | -- | | |
| Fulton SW | 0.0 | 0.0 | n/a | -- | 3.9 | 12.5 |
| Lower Mark West Cr (Denner) | 0.0 | 0.0 | n/a | -- | 3.9 | 12.5 |
| Sebastopol North (Guerneville) | 0.0 | 0.0 | n/a | -- | | |
| Sebastopol (Balletto) | 0.0 | 0.0 | n/a | -- | 3.8 | 10.1 |
| Graton West (Dutton Ranch) | 0.0 | 0.0 | n/a | -- | 3.8 | 13.2 |
| Graton South (Mill Station) | 0.0 | 0.0 | n/a | -- | 3.2 | 13.2 |
| Sebastopol Hills (Burnside Rd) | 0.0 | 0.0 | n/a | -- | | |
| Fort Ross/Seaview (Hirsch) | 0.0 | 0.0 | n/a | -- | 0.6 | 12.4 |
| Lower Bennett Valley | 0.0 | 0.0 | n/a | -- | 3.4 | 12.0 |
| Kenwood (Kunde) | 0.0 | 0.0 | n/a | -- | 1.5 | 12.0 |
| Sonoma Valley (Bedrock) | 0.0 | 0.0 | n/a | -- | 3.4 | 12.0 |
| Sonoma (Arnold) | 0.0 | 0.0 | n/a | -- | 4.3 | 12.5 |
| Schellville | 0.0 | 0.0 | n/a | -- | 5.1 | 12.6 |
| Sonoma SE (Napoli) | 0.0 | 0.0 | n/a | -- | 4.7 | 11.5 |
| Schellville East | 0.0 | 0.0 | n/a | -- | 3.8 | 12.8 |
| Careros Hilltop | 0.0 | 0.0 | n/a | -- | 3.7 | 12.2 |
| Careros Lower | 0.0 | 0.0 | n/a | -- | 4.4 | 12.8 |
| Rohnert Park West (Stony Pt F | 0.0 | 0.0 | n/a | -- | | |
| Petaluma Hills East (Stage Gu | 0.0 | 0.0 | n/a | -- | | |
| Petaluma East | 0.0 | 0.0 | n/a | -- | 4.7 | 12.5 |
| South Lakeville | 0.0 | 0.0 | n/a | -- | 4.1 | 12.4 |

*season ends 10/1

**season ends 11/15 & some stations are less than 2 yrs old