

# AG-WEATHER FORECAST

## FOR THE GROWING AREAS OF NAPA & SONOMA COUNTY

Friday - March 29, 2013 from Precision Forecasting (800)-624-0499

**SUMMARY / SYNOPSIS....** Prepared by meteorologist Erik Moldstad Good Morning... An upper level trough off the Coast will pump up some warmer air into our area today before it starts moving inland. Tomorrow and Sunday as the trough moves inland scattered showers are likely along with some cooling. The trough should move off to the east on Monday allowing weak high pressure to build for a few days. Indications are another trough will move slowly inland late next week and weekend bringing more unsettled weather to the North Bay Area.... Erik

Sunrise: 7:00 AM, Sunset: 7:31 PM

### SPECIFIC AREA FORECASTS & CLIMATOLOGICAL DATA

| Location         | Yesterday       | AM | Forecast | Location            | Yesterday       | AM | Forecast |
|------------------|-----------------|----|----------|---------------------|-----------------|----|----------|
| Hopland          | 62 / 43 / 0.00" | -- | 74 / 49  | Pope Valley         | 64 / 42 / 0.03" | 41 | 74 / 47  |
| Cloverdale-Asti  | 64 / 43 / 0.00" | 37 | 75 / 50  | Angwin 1,700 ft     | 58 / 43 / 0.04" | 49 | 68 / 45  |
| Geyserville      | 65 / 44 / 0.02" | 39 | 75 / 49  | Spring Mtn 1,760 ft | 56 / 44 / 0.05" | 48 | 68 / 45  |
| Alexander Valley | 64 / 45 / 0.08" | 44 | 75 / 48  | Stagecoach 1,600 ft | 62 / 45 / 0.18" | 52 | 69 / 46  |
| Knights Valley   | 64 / 44 / 0.04" | 45 | 75 / 48  | Sage Canyon         | 65 / 39 / 0.01" | 39 | 74 / 47  |
| Dry Creek Valley | 63 / 42 / 0.01" | 40 | 75 / 50  | North-Calistoga     | 64 / 44 / 0.08" | 42 | 74 / 47  |
| Healdsburg NW    | 63 / 47 / 0.07" | 44 | 74 / 51  | SE-Calistoga        | 63 / 43 / 0.09" | 42 | 74 / 47  |
| South-Windsor    | 63 / 48 / 0.06" | 48 | 73 / 50  | St. Helena          | 65 / 46 / 0.01" | 41 | 75 / 49  |
| North Graton     | 61 / 45 / 0.05" | 44 | 73 / 48  | Rutherford-East     | -- / -- / ----  | -- | 75 / 48  |
| Sebastopol       | 63 / 48 / 0.05" | 49 | 73 / 49  | Oakville-West       | 65 / 48 / 0.03" | 45 | 75 / 48  |
| Petaluma-East    | 64 / 46 / 0.03" | 46 | 71 / 51  | Yountville          | 68 / 48 / 0.00" | 41 | 75 / 48  |
| Kenwood          | 65 / 45 / 0.01" | 44 | 74 / 49  | Oak Knoll East      | 70 / 49 / 0.00" | 41 | 75 / 49  |
| Glen Ellen       | 66 / 46 / 0.00" | 43 | 74 / 49  | Napa-SE             | 71 / 48 / 0.00" | 42 | 74 / 49  |
| Sonoma-West      | 69 / 47 / 0.00" | 42 | 74 / 49  | Carneros            | 69 / 48 / 0.00" | -- | 72 / 49  |

### FIVE DAY AG-WEATHER FORECAST

|                                | Today / Tonight   | Sat 3/30   | Sun 3/31                              | Mon 4/1   | Tue 4/2   |
|--------------------------------|---|--|---------------------------------------|---|---|
| Weather                        | Increasing clouds this afternoon, after areas of fog this morning. Mostly cloudy skies tonight. | Mostly cloudy with scattered showers developing. Showers likely overnight. | Mostly cloudy with scattered showers. | Partly sunny skies with a chance of showers, mainly in the morning. | Partly cloudy skies and pleasant.                       |
| Morning Low Temperatures       |   | 47 to 52 in most areas   | 47 to 52 in most areas                | 40 to 45 in most areas  | 40 to 45 in most areas                                  |
| Morning Frost                  |   | None   | None                                  | None  | None  |
| High Temperatures              | 70 to 75 in most areas  | 64 to 69 in most areas   | 62 to 67 in most areas                | 65 to 70 in most areas  | 68 to 75 in most areas                                  |
| 5pm Dewpoints & Minimum RH     | 49 to 52 degrees<br>40 to 55%   | 49 to 52 degrees<br>50 to 65%  | 47 to 52 degrees<br>55 to 70%         | 45 to 50 degrees<br>40 to 55%                                       | 45 to 50 degrees<br>35 to 50%                           |
| Winds                          | Light & Variable becoming South to 10 mph in the afternoon                                      | SE to 10 mph   | SE to 10 mph                          | Light & Variable becoming SW to 10 mph in the afternoon             | Light & Variable becoming SW to 10 mph in the afternoon |
| Precipitation Chance & Amounts | 0%  | 50% Daytime<br>Trace to .25"<br>80% Overnight<br>.15 to .40"               | 70%<br>.10 to .25"                    | 20% AM<br>Trace to .05"   | 10%   |

## 6 to 10 DAY OUTLOOK

(Forecast models consistency/confidence for the period = Fair)

|                          | Wed 4/3                         | Thu 4/4   | Fri 4/5                                  | Sat 4/6                                       | Sun 4/7                                       |
|--------------------------|---------------------------------|---|--|---|---|
| <b>Weather</b>           | Partly cloudy skies continuing. | Mostly cloudy skies with a chance of rain or showers. | Mostly cloudy skies with showers likely. | Mostly cloudy skies with a chance of showers. | Mostly cloudy skies with a chance of showers. |
| <b>Low Temperatures</b>  | 40 to 47                        | 43 to 50  | 45 to 50                                 | 45 to 50                                      | 45 to 50                                      |
| <b>High Temperatures</b> | 68 to 75                        | 60 to 65  | 60 to 65                                 | 60 to 65                                      | 63 to 68                                      |
| <b>Chance of Rain</b>    | 10%                             | 50%   | 70%                                      | 50%   | 30%   |

## LONG RANGE OUTLOOKS

| FORECAST PERIOD                                       | TEMPERATURES<br>(Most likely category) | PRECIPITATION CHANCE<br>(Most likely category) |
|---|--|--|
| <b>30 Day Outlook<br/>For the month of April</b>      | Near Normal                            | Below Normal                                   |
| <b>90 Day Seasonal Outlook<br/>April through June</b> | Near Normal                            | Below Normal                                   |
| <b>March Averages</b>                                 | Max: 64 to 67 / Min: 39 to 42          | Precipitation: 3.00 to 7.20"                   |

## PRECIPITATION TOTALS FOR THE SEASON

Updated on March 28th

| Location         | March 2013 | Season to Date<br>July 1 – Mar 27 | Normal Rainfall<br>July 1 – Feb 28 |
|------------------|------------|-----------------------------------|------------------------------------|
| Hopland          | 1.78"      | 27.09"                            | 27.60"                             |
| Cloverdale/Asti  | 1.99"      | 28.86"                            | 31.93"                             |
| Alexander Valley | 1.94"      | 29.10"                            | -----                              |
| NW Healdsburg    | 1.94"      | 26.50"                            | 32.66"                             |
| Santa Rosa Apt   | 1.43"      | 24.91"                            | 23.47"                             |
| North Graton     | 1.63"      | 25.93"                            | 31.15"                             |
| Petaluma East    | 0.64"      | 14.03"                            | 20.18"                             |
| Kenwood          | 1.15"      | 22.11"                            | -----                              |
| Sonoma-West      | 0.69"      | 18.62"                            | 23.48"                             |
| Carneros         | 0.50"      | 12.33"                            | -----                              |
| Yountville       | 0.85"      | 24.44"                            | -----                              |
| West Oakville    | 1.48"      | 26.32"                            | 25.83"                             |
| St. Helena       | 1.04"      | 25.04"                            | 27.00"                             |
| Calistoga-North  | 1.62"      | 26.56"                            | 29.14"                             |
| Pope Valley      | 0.98"      | 23.12"                            | -----                              |
| Angwin           | 1.52"      | 33.76"                            | 30.79"                             |
| Spring Mountain  | 1.94"      | 34.50"                            | 33.51"                             |

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