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**Data**

The **Data** page enables users to:

- View daily and monthly sample reports;
- Create and edit a user account;
- Retrieve CIMIS data;
- Read important information on CIMIS quality control;
- Read detailed information on CIMIS data types, formats, and sizes;
- View the weather station list.

CIMIS data can be accessed and retrieved free of charge. Although membership is not a requirement, data for Unregistered Users is limited to the Sample Reports. Registered Users have the privilege of a the entire CIMIS data set. Registration information is confidential and used by CIMIS staff for statistica and to provide better services. Therefore, we encourage users to register and create a CIMIS user acc

**Note:** CIMIS Date Ranges defaults to seven days (starting from yesterday) for hourly and daily reports twelve months (starting from last month) for monthly reports. These defaults can be changed by going My CIMIS tab and changing your preferences. These new preferences will become your defaults for al reports generated afterwards, from both the Data and My CIMIS tabs.

**Unregistered User**

**Registration**

**Registration** allows users to create their own user names and passwor Personal information of members will not be compromised in any way ar for statistical purposes only. You can edit your Registration and change password in the My CIMIS Tab.

**Sample Daily Report**

The **Sample Daily Report** provides a standard report of the previous th 7 days of data available from the CIMIS database.

**Sample Monthly Report**

The **Sample Monthly Report** provides a standard report of the previous months data available from the CIMIS database.

**Registered User**

**Logon**

The **Logon** page allows you to access the CIMIS database by entering y name and password. You will be disconnected from the CIMIS database no activity for 10 consecutive minutes.

**Hourly**

**Hourly** provides standard hourly and hourly by sensor data reports for s weather station(s) and date range specified.

**Daily**

**Daily** provides standard daily and daily by sensor data reports for select station(s) and date range specified.

**Daily ETo Variance**

The **Daily ETo Variance** provides a comparative report of ETo variance selected station(s) and date range specified.

**Monthly**

**Monthly** provides standard monthly data reports for the weather station; date range specified.

**Monthly Average ETo**

**Monthly Average ETo** report enables you to retrieve long-term average monthly ETo. The time period over which the data is averaged varies frc to station depending on how long the station has been active.

**Quality Control**

<b>QC Overview</b>	<b>QC Overview</b> describes the CIMIS data quality control program and its   The need for QC flags and their uses are also briefly discussed.
<b>Current Flag Summary</b>	<b>Current Flag Summary</b> lists and describes quality control flags that CIMIS has been using since 1995.
<b>Current Hourly Flags</b>	<b>Current Hourly Flags</b> contains lists of the hourly QC flags that have been used since 1995 and describes the criteria used while assigning flags to the data. Descriptions of what the hourly flagging parameters are and what they represent are also presented.
<b>Current Daily Flags</b>	<b>Current Daily Flags</b> contains lists of the daily QC flags that have been used since 1995 and describes the criteria used while assigning flags to the data. Descriptions of what the daily flagging parameters are and what they represent are also presented.
<b>Former Flag Summary</b>	<b>Former Flag Summary</b> lists and describes QC flags that existed prior to 1995. This is presented because the archived CIMIS data for years prior to 1995 show former flags.
<b>Former Hourly Flags</b>	<b>Former Hourly Flags</b> lists the hourly QC flags that were used prior to 1995 and describes the criteria used while assigning flags to the data.
<b>Former Daily Flags</b>	<b>Former Daily Flags</b> lists the daily QC flags that were used prior to 1995 and describes the criteria used while assigning flags to the data.
 <b>More Info</b>	
<b>Station List</b>	The <b>Station List</b> provides a listing of all CIMIS stations by station number, name, county, status and detailed information about that station.
<b>Data Types</b>	<b>Data Types</b> describes the various climatic data types available from CIMIS. These include weather measurements from CIMIS instrumentation and calculated weather conditions.
<b>Data Formats</b>	<b>Data Formats</b> describes not only what types of reports, eg; hourly, daily, monthly, standard or by sensor, but the data file formats such as HTML that are available from the CIMIS web site Data section.
<b>Data Size</b>	The <b>Data Size</b> provides information on the CIMIS data file size that users can retrieve at any given time.

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## CIMIS (California Irrigation Management Information System)

### Daily Report

Rendered in English Units.  
February 17, 2005 - February 23, 2005  
Printed on February 24, 2005

#### FivePoints - San Joaquin Valley - Station 2

Date	CIMIS ETo (in)	Precip (in)	Sol Rad (Ly/day)	Avg Vap (mBars)	Max Air Temp (°F)	Min Air Temp (°F)	Avg Air Temp (°F)	Max Rel Hum (%)	Min Rel Hum (%)	Avg Rel Hum (%)	Dew Pt (°F)	Avg wSpd (MPH)	Wnd Run (miles)	Avg Soil Temp (°F)
02/17/2005	0.01	0.14	74	13.0	55.7	48.3	52.8	97	92	96	51.6	5.7	138.5	56.6
02/18/2005	0.05	0.28	198	12.7	61.7	49.6	54.1	97	77	89	50.8	5.7	138.2	56.4
02/19/2005	0.06	0.07	193	11.8	61.7	47.5	53.4	96	74	85	49.0	8.7	210.2	56.3
02/20/2005	0.07	0.05	221	11.7	61.7	50.4	55.3	88	63	78	48.8	8.5	205.0	56.2
02/21/2005	0.07	0.15	223	11.6	65.2	47.0	54.4	90	68	81	48.6	8.9	215.3	56.5
02/22/2005	0.09	0.13	342	11.4	63.0	44.4	52.9	94	63	83	47.9	5.6	136.0	56.4
02/23/2005	0.09	0.00	333	11.1	66.7	41.0	53.9	94	56	78	47.3	3.3	80.1	56.7
<b>Total</b>	<b>0.44</b>	<b>0.82</b>	<b>226</b>	<b>11.9</b>	<b>62.2</b>	<b>46.9</b>	<b>53.8</b>	<b>94</b>	<b>70</b>	<b>84</b>	<b>49.1</b>	<b>6.6</b>	<b>160.5</b>	<b>56.4</b>

#### Firebaugh/Telles - San Joaquin Valley - Station 7

Date	CIMIS ETo (in)	Precip (in)	Sol Rad (Ly/day)	Avg Vap (mBars)	Max Air Temp (°F)	Min Air Temp (°F)	Avg Air Temp (°F)	Max Rel Hum (%)	Min Rel Hum (%)	Avg Rel Hum (%)	Dew Pt (°F)	Avg wSpd (MPH)	Wnd Run (miles)	Avg Soil Temp (°F)
02/17/2005	0.01	0.12	78	14.0	56.9	51.7	54.1	100	90	98	53.5	4.7	114.6	57.0
02/18/2005	0.04	0.39	201	13.7	62.3	48.2	55.0	100	83	93	53.0	4.7	113.3	56.7
02/19/2005	0.05	0.04	195	12.8	62.0	47.9	53.9	98	77	91	51.2	5.5	133.6	56.3
02/20/2005	0.05	0.04	206	12.8	62.5	49.4	55.3	96	69	86	51.2	5.8	139.0	56.1
02/21/2005	0.08	0.04	269	12.6	66.5	45.3	55.3	95	65	84	50.7	6.5	155.9	56.5
02/22/2005	0.09	0.00	338	11.7	64.5	44.3	53.5	97	63	84	48.6	3.2	77.5	56.6
02/23/2005	0.09	0.00	338	11.8	69.2	42.3	54.6	96	57	81	49.0	2.7	65.0	56.9
<b>Total</b>	<b>0.41</b>	<b>0.63</b>	<b>232</b>	<b>12.8</b>	<b>63.4</b>	<b>47.0</b>	<b>54.5</b>	<b>97</b>	<b>72</b>	<b>88</b>	<b>51.0</b>	<b>4.7</b>	<b>114.1</b>	<b>56.6</b>

#### Parlier - San Joaquin Valley - Station 39

Date	CIMIS ETo (in)	Precip (in)	Sol Rad (Ly/day)	Avg Vap (mBars)	Max Air Temp (°F)	Min Air Temp (°F)	Avg Air Temp (°F)	Max Rel Hum (%)	Min Rel Hum (%)	Avg Rel Hum (%)	Dew Pt (°F)	Avg wSpd (MPH)	Wnd Run (miles)	Avg Soil Temp (°F)
02/17/2005	0.03	0.04	171	12.9	61.6	45.6	53.6	96	75	92	51.3	4.3	103.8	56.1
02/18/2005	0.04	0.30	149	12.8	62.8	48.8	55.2	97	63	86	51.2	4.2	101.6	56.1
02/19/2005	0.04	0.09	161	11.7	63.2	47.1	53.7	92	62	83	48.7	5.4	130.2	54.9
02/20/2005	0.08	0.08	249	11.6	64.6	51.0	57.2	91	49	72	48.4	5.1	122.6	56.4
02/21/2005	0.06	0.19 H	206	12.4	66.7	49.2	56.3	93	55	80	50.2	4.3	105.0	57.0
02/22/2005	0.09	0.04	317	11.3	65.0	47.5	54.7	92	55	78	47.8	5.2	125.6	56.3
02/23/2005	0.08	0.00	309	11.7	65.6	45.8	55.2	95	56	79	48.8	3.1	74.1	57.0
<b>Total</b>	<b>0.42</b>	<b>0.74</b>	<b>223</b>	<b>12.1</b>	<b>64.2</b>	<b>47.9</b>	<b>55.1</b>	<b>94</b>	<b>59</b>	<b>81</b>	<b>49.5</b>	<b>4.5</b>	<b>109.0</b>	<b>56.3</b>

#### Fresno State - San Joaquin Valley - Station 80

## Daily Report

Date	CIMIS ETo (in)	Precip (in)	Sol Rad (Ly/day)	Avg Vap (mBars)	Max Air Temp (°F)	Min Air Temp (°F)	Avg Air Temp (°F)	Max Rel Hum (%)	Min Rel Hum (%)	Avg Rel Hum (%)	Dew Pt (°F)	Avg wSpd (MPH)	Wnd Run (miles)	Avg Soil Temp (°F)
02/17/2005	0.04	0.10	176	11.9	60.1	44.6	52.4	93	77	89	49.2	4.2	100.5	54.7
02/18/2005	0.04	0.32	166	11.7	62.2	48.5	54.3	93	60	81	48.6	5.3	127.5	54.9
02/19/2005	0.06	0.08	171	10.4	61.8	42.9	53.0	87	55	76	45.6	6.7	160.7	54.5
02/20/2005	0.10	0.05	297	10.3	63.0	50.6	56.6	86	46	66	45.4	7.7	185.8	54.6
02/21/2005	0.07	0.15	234	11.3	66.2	46.2	55.2	90	53	76	47.8	4.8	116.7	55.0
02/22/2005	0.09	0.00	311	10.5	63.3	42.9	53.0	93	59	77	45.9	4.5	108.7	54.7
02/23/2005	0.08	0.00	318	10.8	65.2	42.0	53.2	93	57	78	46.5	3.2	78.2	54.6
Total	0.48	0.70	239	11.0	63.1	45.4	54.0	91	58	78	47.0	5.2	125.4	54.7

## Westlands - San Joaquin Valley - Station 105

Date	CIMIS ETo (in)	Precip (in)	Sol Rad (Ly/day)	Avg Vap (mBars)	Max Air Temp (°F)	Min Air Temp (°F)	Avg Air Temp (°F)	Max Rel Hum (%)	Min Rel Hum (%)	Avg Rel Hum (%)	Dew Pt (°F)	Avg wSpd (MPH)	Wnd Run (miles)	Avg Soil Temp (°F)
02/17/2005	0.01	0.16	89	13.6	56.5	50.1	53.7	98	91	97	52.8	5.9	142.2	55.4
02/18/2005	0.05	0.30	210	13.0	62.0	48.2	54.4	98	79	90	51.6	6.0	144.1	55.1
02/19/2005	0.05	0.00	201	12.4	63.0	48.5	54.3	96	74	86	50.3	8.7	210.0	54.6
02/20/2005	0.05	0.06	170	12.2	62.5	49.4	55.5	91	62	81	49.8	7.7	186.2	54.5
02/21/2005	0.07	0.18	247	12.1	65.9	46.6	54.6	93	65	83	49.6	7.3	176.0	55.0
02/22/2005	0.09	0.05	339	11.5	63.7	41.6	52.4	95	65	86	48.2	3.7	88.5	54.8
02/23/2005	0.09	0.00	349	11.7	67.7	41.2	54.2	95	56	81	48.6	3.1	75.9	55.1
Total	0.41	0.75	229	12.4	63.0	46.5	54.2	95	70	86	50.1	6.1	146.1	54.9

## Panoche - San Joaquin Valley - Station 124

Date	CIMIS ETo (in)	Precip (in)	Sol Rad (Ly/day)	Avg Vap (mBars)	Max Air Temp (°F)	Min Air Temp (°F)	Avg Air Temp (°F)	Max Rel Hum (%)	Min Rel Hum (%)	Avg Rel Hum (%)	Dew Pt (°F)	Avg wSpd (MPH)	Wnd Run (miles)	Avg Soil Temp (°F)
02/17/2005	0.01	0.14	95	14.1	56.8	52.2	54.1	100	91	99	53.8	5.9	143.0	55.7
02/18/2005	0.06	0.51	242	13.7	61.6	48.2	54.6	100	88	94	53.0	5.5	132.4	55.5
02/19/2005	0.06	0.01	251	12.8	61.6	47.1	53.7	100	75	91	51.2	7.1	171.8	54.8
02/20/2005	0.05	0.04	201	12.7	61.1	48.3	54.3	98	70	88	50.8	7.2	172.8	54.6
02/21/2005	0.10	0.02	332	12.6	65.3	45.2	55.4	97	62	84	50.7	8.9 Y	214.7 Y	55.0
02/22/2005	0.09	0.00	369	11.7	62.7	44.3	53.3	98	64	84	48.8	4.2	101.1	55.0
02/23/2005	0.09	0.00	347	12.1	65.9	43.8	54.4	98	64	83	49.5	3.7	89.3	55.4
Total	0.46	0.72	262	12.8	62.1	47.0	54.3	99	73	89	51.1	6.1	146.4	55.1

## Orange Cove - San Joaquin Valley - Station 142

Date	CIMIS ETo (in)	Precip (in)	Sol Rad (Ly/day)	Avg Vap (mBars)	Max Air Temp (°F)	Min Air Temp (°F)	Avg Air Temp (°F)	Max Rel Hum (%)	Min Rel Hum (%)	Avg Rel Hum (%)	Dew Pt (°F)	Avg wSpd (MPH)	Wnd Run (miles)	Avg Soil Temp (°F)
02/17/2005	0.05	0.00	210	12.1	62.9	44.1	54.5	95	66	83	49.5	4.1	99.0	53.6
02/18/2005	0.03	0.57 R	131	11.7	62.4	46.5	53.5	95	61	83	48.6	3.0	73.2	55.0
02/19/2005	0.04	0.17	151	10.6	64.1	46.5	52.8	91	54	78	46.1	3.4	81.5	56.0
02/20/2005	0.08	0.11	269	10.9	64.5	49.5	56.0	89	45	71	46.7	3.4	82.6	55.4
02/21/2005	0.06	0.33 R	207	11.6	68.8	47.5	55.8	88	49	76	48.4	4.0	97.5	56.1
02/22/2005	0.07	0.01	260	10.3	64.6	44.6	53.1	93	53	75	45.4	4.0	95.6	56.4
02/23/2005	0.09	0.00	269	11.2	64.7	32.0	56.0	94	58	73	47.5	3.7	88.8	56.2
Total	0.42	1.19	214	11.2	64.6	44.4	54.5	92	55	77	47.5	3.7	88.3	55.5

## Five Points South West - San Joaquin Valley - Station 190

Date	CIMIS ETo (in)	Precip (in)	Sol Rad (Ly/day)	Avg Vap (mBars)	Max Air Temp (°F)	Min Air Temp (°F)	Avg Air Temp (°F)	Max Rel Hum (%)	Min Rel Hum (%)	Avg Rel Hum (%)	Dew Pt (°F)	Avg wSpd (MPH)	Wnd Run (miles)	Avg Soil Temp (°F)
02/17/2005	0.01	0.10	87	13.2	56.8	47.5	53.0	99	89	96	52.0	4.7	112.4	56.2
02/18/2005	0.05	0.28	217	13.0	61.3	48.4	53.8	100	80	92	51.5	5.3	126.8	56.0
02/19/2005	0.06	0.04	215	12.0	60.6	46.9	53.7	97	71	85	49.4	8.9	215.3	56.4
02/20/2005	0.07	0.03	223	11.9	61.0	49.3	54.9	92	65	81	49.2	8.2	197.3	55.9
02/21/2005	0.08	0.17	240	11.6	64.8	46.6	54.5	91	65	80	48.5	8.9	214.7	56.2
02/22/2005	0.10	0.17	380	11.4	63.6	44.6	53.5	95	61	82	48.1	4.6	110.4	56.4
02/23/2005	0.09	0.00	361	11.3	68.6	40.7	54.4	94	55	78	47.7	2.8	67.3	57.5
Total	0.46	0.79	246	12.1	62.4	46.3	54.0	95	69	85	49.5	6.2	149.2	56.4

Flag Legend		
A - Historical Average	I - Ignore	R - Far out of normal range
C or N - Not Collected	M - Missing Data	S - Not in service
H - Hourly Missing or Flagged Data	Q - Related Sensor Missing	Y - Moderately out of range
Conversion Factors		
Ly/day/2.065=W/sq.m	inches * 25.4 = mm	(F-32) * 5/9 = c
mph * 0.447 = m/s	mBars * 0.1 = kPa	--