

Coordinates	38.5, -121.5
Observation Date	2019-03-05
Elevation (ft)	7.14
Drought Index (PDSI)	Moderate wetness
WebWIMP H <sub>2</sub> O Balance	Wet Season

30 Days Ending	30 <sup>th</sup> %ile (in)	70 <sup>th</sup> %ile (in)	Observed (in)	Wetness Condition	Condition Value	Month Weight	Product
2019-03-05	2.669291	4.561024	7.543307	Wet	3	3	9
2019-02-03	1.259449	4.777953	5.350394	Wet	3	2	6
2019-01-04	1.748425	5.048425	1.933071	Normal	2	1	2
Result							Wetter than Normal - 17



Weather Station Name	Coordinates	Elevation (ft)	Distance (mi)	Elevation Δ	Weighted Δ	Days (Normal)	Days (Antecedent)
SACRAMENTO EXECUTIVE AP	38.5069, -121.495	15.092	0.548*	7.952*	0.251*	11345	90
SACRAMENTO 5 ESE	38.5556, -121.4169	38.058	5.398	22.966	2.553	8	0

### Antecedent Precipitation vs Normal Range based on NOAA's Daily Global Historical Climatology Network — Daily Total — 30-Day Rolling Total 30-Year Normal Range 2019-03-05 2019-02-03 Rainfall (Inches) 2019-01-04 2 -**Observation Point** \_ocation 0 -Mar 2019 Oct 20: 8 Nov 2018 Dec 2018 Feb 2019 Apr 2019 May 2019 Aug 2018 Sep 2018 Jul 2019 Jan 2019 Jun 2019 Condition Value 30 Days Ending Coordinates 38.5, -121.5 30<sup>th</sup> %ile (in) 70<sup>th</sup> %ile (in) Observed (in) Wetness Condition Month Weight Product Observation Date 2019-03-05 4.561024 2019-03-05 2.669291 7.543307 Wet 3 3 Elevation (ft) 2019-02-03 1.259449 4.777953 5.350394 3 2 7.14 Wet 6

2019-01-04

Result

Moderate wetness

Wet Season

1.748425

5.048425

Figure generated using the Antecedent Rainfall Calculator
Written by Jason C. Deters Jason.Deters@usace.army.mil Phone: (916) 557-7152

Drought Index (PDSI)

WebWIMP H<sub>2</sub>O Balance

Weather Station Name	Coordinates	Elevation (ft)	Distance (mi)	Elevation Δ	Weighted Δ	Days (Normal)	Days (Antecedent)
SACRAMENTO EXECUTIVE AP	38.5069, -121.495	15.092	0.548*	7.952*	0.251*	11345	90
SACRAMENTO 5 ESE	38.5556, -121.4169	38.058	5.398	22.966	2.553	8	0

Normal

2

Wetter than Normal - 17

1.933071

# Antecedent Precipitation vs Normal Range based on NOAA's Daily Global Historical Climatology Network —— Daily Total — 30-Day Rolling Total 30-Year Normal Range 2019-03-05 2019-02-03 Rainfall (Inches) 2019-01-04 2 -Observation Date 0 -Nov 2018 Dec 2018 Feb 2019 Mar 2019 Aug 2018 Sep 2018 Oct 2013 Apr 2019 May 2019 Jul 2019 Jan 2019 Jun 2019

Coordinates	\	<b>3</b> 8.5, -121.5
Observation Date		2019-03-05
Elevation (ft)		7.14
Drought Index (PDSI)	Mode	rate wetness
WebWIMP H <sub>2</sub> O Balance		Wet Season

30 Days Ending	30 <sup>th</sup> %ile (in)	70 <sup>th</sup> %ile (in)	Observed (in)	Wetness Condition	Condition Value	Month Weight	Product
2019-03-05	2.669291	4.561024	7.543307	Wet	3	3	9
2019-02-03	1.259449	4.777953	5.350394	Wet	3	2	6
2019-01-04	1.748425	5.048425	1.933071	Normal	2	1	2
Result							Wetter than Normal - 17



Weather Station Name	Coordinates	Elevation (ft)	Distance (mi)	Elevation Δ	Weighted Δ	Days (Normal)	Days (Antecedent)
SACRAMENTO EXECUTIVE AP	38.5069, -121.495	15.092	0.548*	7.952*	0.251*	11345	90
SACRAMENTO 5 ESE	38.5556, -121.4169	38.058	5.398	22.966	2.553	8	0

### Antecedent Precipitation vs Normal Range based on NOAA's Daily Global Historical Climatology Network — Daily Total — 30-Day Rolling Total 30-Year Normal Range 2019-03-05 2019-02-03 Rainfall (Inches) 2019-01-04 Elevation at bservation Point Mar 2019 Aug 2018 Oct 2018 Nov 2018 Dec 2018 Feb 2019 May 2019 Sep 2018 Apr 2019 Jun 2019 Jul 2019 Jan 2019 Condition Value 38 5, -121.5 30 Days Ending Coordinates 30<sup>th</sup> %ile (in) 70<sup>th</sup> %ile (in) Observed (in) Wetness Condition Month Weight Product Observation Date 2019-03-05 2019-03-05 4.561024 2.669291 7.543307 Wet 3 3 Elevation (ft) 2019-02-03 1.259449 4.777953 5.350394 7.14 3 2 Wet 6

2019-01-04

Result

Moderate wetness

Wet Season

1.748425

5.048425

STORES OF THE STORES	Figure generated using the Antecedent Rainfall Calculator
	Written by Jason C. Deters Jason.Deters@usace.army.mil Phone: (916) 557-7152

Drought Index (PDSI)

WebWIMP H<sub>2</sub>O Balance

Weather Station Name	Coordinates	Elevation (ft)	Distance (mi)	Elevation Δ	Weighted ∆	Days (Normal)	Days (Antecedent)
SACRAMENTO EXECUTIVE AP	38.5069, -121.495	15.092	0.548*	7.952*	0.251*	11345	90
SACRAMENTO 5 ESE	38.5556, -121.4169	38.058	5.398	22.966	2.553	8	0

Normal

2

Wetter than Normal - 17

1.933071

# Antecedent Precipitation vs Normal Range based on NOAA's Daily Global Historical Climatology Network — Daily Total — 30-Day Rolling Total 30-Year Normal Range 2019-03-05 2019-02-03 Rainfall (Inches) Palmer Drought Severity Index Source: Monthly PDSI dataset published by NOAA at the Climate Division scale Mar 2019 Oct 2018 Nov 2018 Dec 2018 Feb 2019 Apr 2019 May 2019 Aug 2018 Sep 2018 Jan 2019 Jun 2019 Jul 2019

Coordinates	38.5, -121.5	
Observation Date	2019-03-05	
Elevation (ft)	7.14	1/
Drought Index (PDSI)	Moderate wetness	
WebWIMP H <sub>2</sub> O Balance	Wet Season	

30 Days Ending	30 <sup>th</sup> %ile (in)	70 <sup>th</sup> %ile (in)	Observed (in)	Wetness Condition	Condition Value	Month Weight	Product
2019-03-05	2.669291	4.561024	7.543307	Wet	3	3	9
2019-02-03	1.259449	4.777953	5.350394	Wet	3	2	6
2019-01-04	1.748425	5.048425	1.933071	Normal	2	1	2
Result							Wetter than Normal - 17

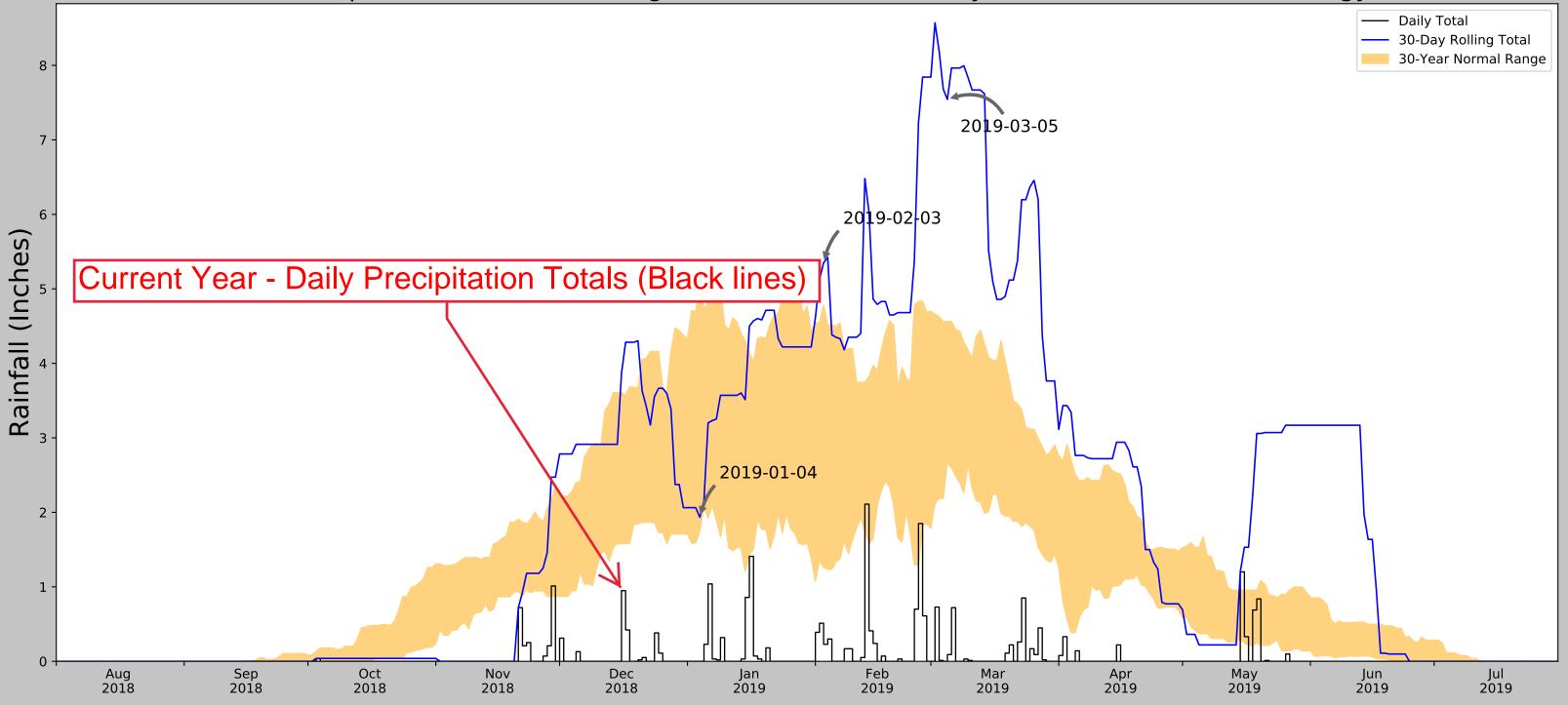


Weather Station Name	Coordinates	Elevation (ft)	Distance (mi)	Elevation Δ	Weighted Δ	Days (Normal)	Days (Antecedent)
SACRAMENTO EXECUTIVE AP	38.5069, -121.495	15.092	0.548*	7.952*	0.251*	11345	90
SACRAMENTO 5 ESE	38.5556, -121.4169	38.058	5.398	22.966	2.553	8	0

### Antecedent Precipitation vs Normal Range based on NOAA's Daily Global Historical Climatology Network — Daily Total — 30-Day Rolling Total 30-Year Normal Range 2019-03-05 2019-02-03 Rainfall (Inches) 2019-01-04 Season (Wet / Dry) Source: WebWIMP - Web-based Water-Budget Interactive Modeling Program Mar 2019 Aug 2018 Sep 2018 Oct 2018 Nov 2018 Dec 2018 Feb 2019 Apr 2019 May 2019 Jul 2019 Jan 2019 Jun 2019 38.5, -121.5 30 Days Ending 30<sup>th</sup> %ile (in) 70<sup>th</sup> %ile (in) Wetness Condition Condition Value Month Weight Coordinates Observed (in) Product 2019-03-05 2019-03-05 2.669291 7.543307 **Observation Date** 4.561024 Wet 3 3 4.777953 5.350394 3 Elevation (ft) 7.14 2019-02-03 1.259449 Wet 2 6 1.748425 Drought Index (PDSI) 5.048425 1.933071 2 Moderate wetness 2019-01-04 Normal WebWIMP H<sub>2</sub>O Balance Wetter than Normal - 17 Wet Season Result

CONTROL OF THE STATE OF THE STA	Figure generated using the Antecedent Rainfall Calculator
	Written by Jason C. Deters Jason.Deters@usace.army.mil Phone: (916) 557-7152

Weather Station Name	Coordinates	Elevation (ft)	Distance (mi)	Elevation Δ	Weighted Δ	Days (Normal)	Days (Antecedent)
SACRAMENTO EXECUTIVE AP	38.5069, -121.495	15.092	0.548*	7.952*	0.251*	11345	90
SACRAMENTO 5 ESE	38.5556, -121.4169	38.058	5.398	22.966	2.553	8	0

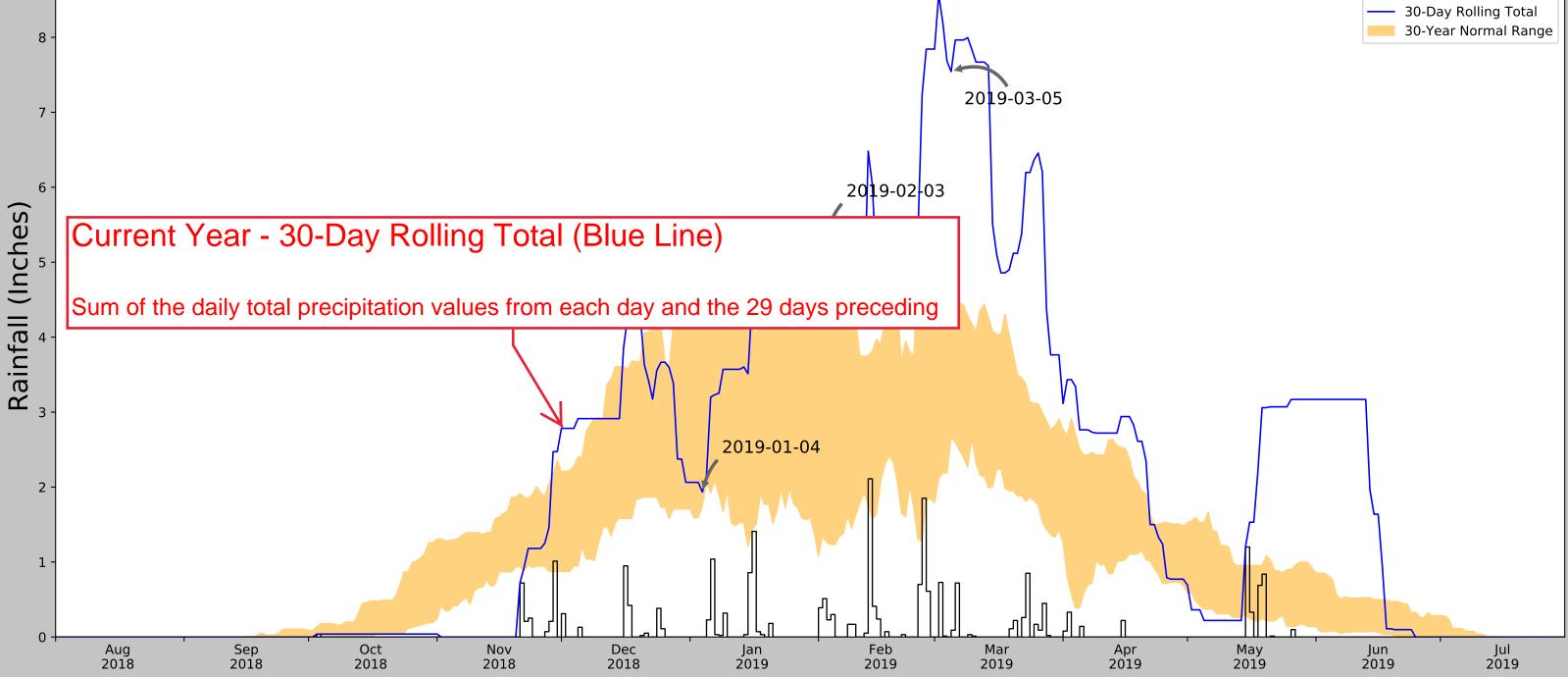


Coordinates	38.5, -121.5
Observation Date	2019-03-05
Elevation (ft)	7.14
Drought Index (PDSI)	Moderate wetness
WebWIMP H <sub>2</sub> O Balance	Wet Season

30 Days Ending	30 <sup>th</sup> %ile (in)	70 <sup>th</sup> %ile (in)	Observed (in)	Wetness Condition	Condition Value	Month Weight	Product
2019-03-05	2.669291	4.561024	7.543307	Wet	3	3	9
2019-02-03	1.259449	4.777953	5.350394	Wet	3	2	6
2019-01-04	1.748425	5.048425	1.933071	Normal	2	1	2
Result							Wetter than Normal - 17



Weather Station Name	Coordinates	Elevation (ft)	Distance (mi)	Elevation Δ	Weighted ∆	Days (Normal)	Days (Antecedent)
SACRAMENTO EXECUTIVE AP	38.5069, -121.495	15.092	0.548*	7.952*	0.251*	11345	90
SACRAMENTO 5 ESE	38.5556, -121.4169	38.058	5.398	22.966	2.553	8	0

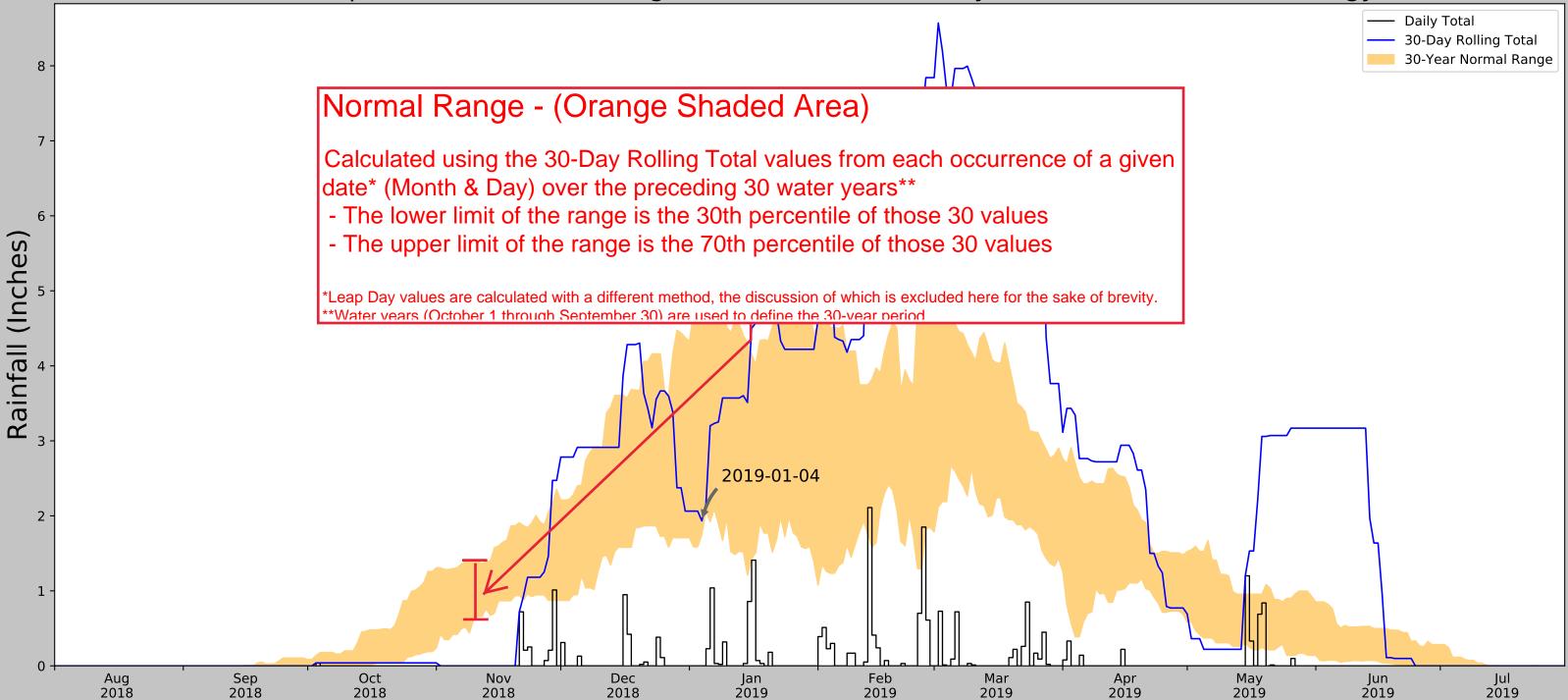


Coordinates	38.5, -121.5
Observation Date	2019-03-05
Elevation (ft)	7.14
Drought Index (PDSI)	Moderate wetness
WebWIMP H <sub>2</sub> O Balance	Wet Season

30 Days Ending	30 <sup>th</sup> %ile (in)	70 <sup>th</sup> %ile (in)	Observed (in)	Wetness Condition	Condition Value	Month Weight	Product
2019-03-05	2.669291	4.561024	7.543307	Wet	3	3	9
2019-02-03	1.259449	4.777953	5.350394	Wet	3	2	6
2019-01-04	1.748425	5.048425	1.933071	Normal	2	1	2
Result							Wetter than Normal - 17

Figure generated using the Antecedent Rainfall Calculator
Written by Jason C. Deters Jason.Deters@usace.army.mil Phone: (916) 557-7152

Weather Station Name	Coordinates	Elevation (ft)	Distance (mi)	Elevation Δ	Weighted ∆	Days (Normal)	Days (Antecedent)
SACRAMENTO EXECUTIVE AP	38.5069, -121.495	15.092	0.548*	7.952*	0.251*	11345	90
SACRAMENTO 5 ESE	38.5556, -121.4169	38.058	5.398	22.966	2.553	8	0



Coordinates	38.5, -121.5
Observation Date	2019-03-05
Elevation (ft)	7.14
Drought Index (PDSI)	Moderate wetness
WebWIMP H <sub>2</sub> O Balance	Wet Season

30 Days Ending	30 <sup>th</sup> %ile (in)	70 <sup>th</sup> %ile (in)	Observed (in)	Wetness Condition	Condition Value	Month Weight	Product
2019-03-05	2.669291	4.561024	7.543307	Wet	3	3	9
2019-02-03	1.259449	4.777953	5.350394	Wet	3	2	6
2019-01-04	1.748425	5.048425	1.933071	Normal	2	1	2
Result							Wetter than Normal - 17



Weather Station Name	Coordinates	Elevation (ft)	Distance (mi)	Elevation Δ	Weighted Δ	Days (Normal)	Days (Antecedent)
SACRAMENTO EXECUTIVE AP	38.5069, -121.495	15.092	0.548*	7.952*	0.251*	11345	90
SACRAMENTO 5 ESE	38.5556, -121.4169	38.058	5.398	22.966	2.553	8	0

### Antecedent Precipitation vs Normal Range based on NOAA's Daily Global Historical Climatology Network — Daily Total — 30-Day Rolling Total 30-Year Normal Range 2019-03-05 2019-02-03 **Antecedent Condition Calculation** Rainfall (Inches) First 30-Day Period - End Date NOTE: The end date of the first 30-day period will always be the Observation Date 2019-01-04 Nov 2018 Dec 2018 Feb 2019 Mar 2019 Aug 2018 Sep 2018 Oct 2018 Apr 2019 May 2019 Jul 2019 Jan 2019 Jun 2019 Product 38.5, -121.5 30 Days Ending 30<sup>th</sup> %ile (in) 70<sup>th</sup> %ile (in) Observed (in) Wetness Condition Condition Value Month Weight Coordinates **Observation Date V**2019-03-05 2019-03-05 2.669291 7.543307 4.561024 Wet 3 3 2019-02-03 1.259449 4.777953 5.350394 3 2 Elevation (ft) 7.14 Wet Drought Index (PDSI) 2019-01-04 1.748425 5.048425 1.933071 2 Moderate wetness Normal WebWIMP H<sub>2</sub>O Balance Wetter than Normal - 17 Wet Season Result

CONP'S OF THE STATE OF THE STAT	Figure generated using the Antecedent Rainfall Calculator
	Written by Jason C. Deters Jason.Deters@usace.army.mil Phone: (916) 557-7152

Weather Station Name	Coordinates	Elevation (ft)	Distance (mi)	Elevation Δ	Weighted Δ	Days (Normal)	Days (Antecedent)
SACRAMENTO EXECUTIVE AP	38.5069, -121.495	15.092	0.548*	7.952*	0.251*	11345	90
SACRAMENTO 5 ESE	38.5556, -121.4169	38.058	5.398	22.966	2.553	8	0

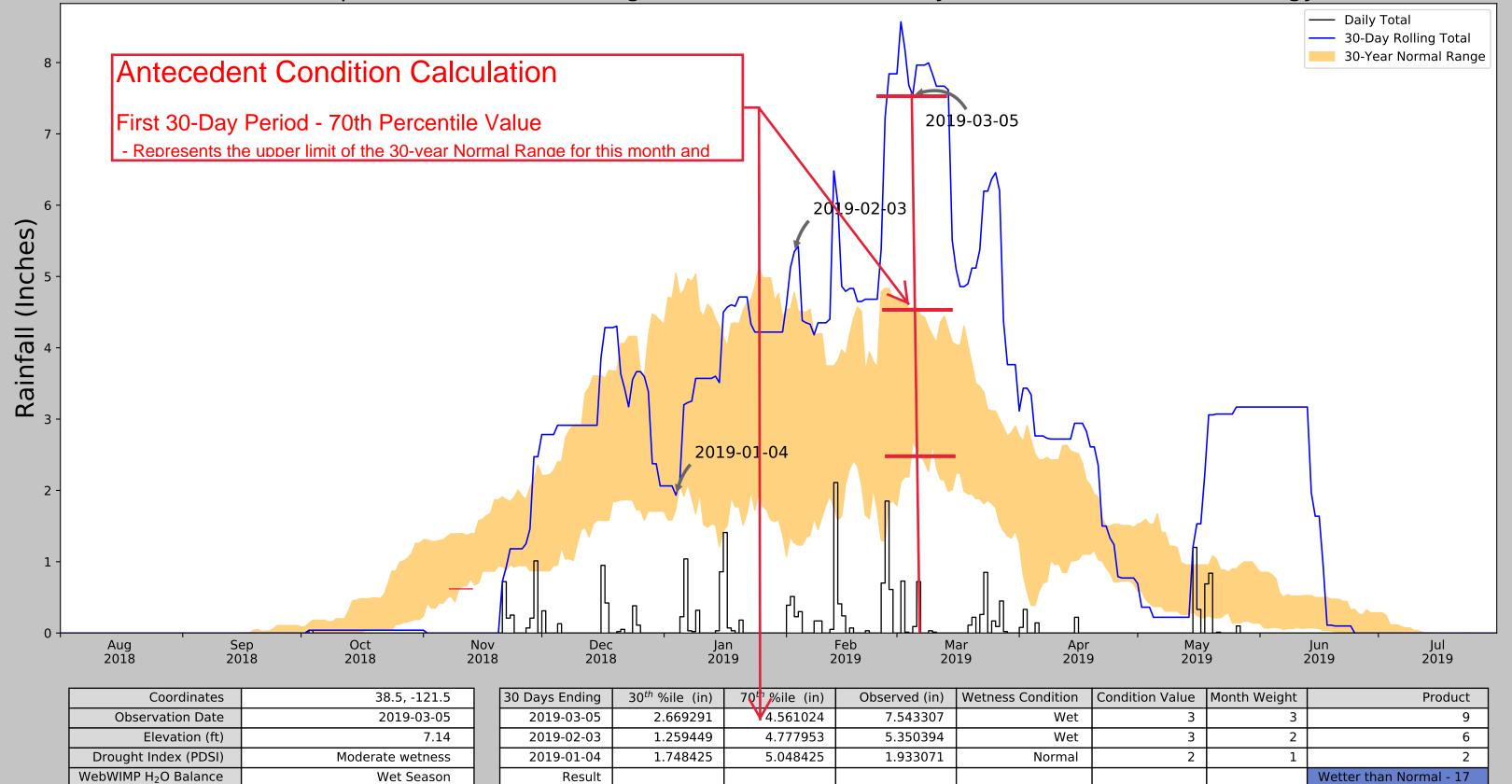
## Antecedent Precipitation vs Normal Range based on NOAA's Daily Global Historical Climatology Network — Daily Total — 30-Day Rolling Total 30-Year Normal Range 2019-03-05 2019-02-03 Rainfall (Inches) **Antecedent Condition Calculation** First 30-Day Period - 30th Percentile Value - Represents the lower limit of the 30-vear Normal Range for this month and 2019-01-04 Mar 2019 Oct 2018 Nov 2018 Dec 2018 Feb 2019 Apr 2019 May 2019 Aug 2018 Sep 2018 Jan 2019 Jun 2019 Jul 2019

Coordinates	38.5, -121.5
Observation Date	2019-03-05
Elevation (ft)	7.14
Drought Index (PDSI)	Moderate wetness
WebWIMP H <sub>2</sub> O Balance	Wet Season

30 Days Ending	30 <sup>th</sup> %ile (in)	70 <sup>th</sup> %ile (in)	Observed (in)	Wetness Condition	Condition Value	Month Weight	Product
2019-03-05	2.669291	4.561024	7.543307	Wet	3	3	9
2019-02-03	1.259449	4.777953	5.350394	Wet	3	2	6
2019-01-04	1.748425	5.048425	1.933071	Normal	2	1	2
Result							Wetter than Normal - 17



Weather Station Name	Coordinates	Elevation (ft)	Distance (mi)	Elevation Δ	Weighted Δ	Days (Normal)	Days (Antecedent)
SACRAMENTO EXECUTIVE AP	38.5069, -121.495	15.092	0.548*	7.952*	0.251*	11345	90
SACRAMENTO 5 ESE	38.5556, -121.4169	38.058	5.398	22.966	2.553	8	0



CONFRONT	Figure generated using the Antecedent Rainfall Calculator
	Written by Jason C. Deters Jason.Deters@usace.army.mil Phone: (916) 557-7152

Weather Station Name	Coordinates	Elevation (ft)	Distance (mi)	Elevation Δ	Weighted ∆	Days (Normal)	Days (Antecedent)
SACRAMENTO EXECUTIVE AP	38.5069, -121.495	15.092	0.548*	7.952*	0.251*	11345	90
SACRAMENTO 5 ESE	38.5556, -121.4169	38.058	5.398	22.966	2.553	8	0

# Antecedent Precipitation vs Normal Range based on NOAA's Daily Global Historical Climatology Network — Daily Total — 30-Day Rolling Total 30-Year Normal Range 2019-03-05 2019-02-03 Antecedent Condition Calculation First 30-Day Period - Observed Value - Total precipitation recorded during the first 30-day period 2019-01-04 Nov 2018 Mar 2019 Oct 2018 Dec 2018 Feb 2019 Apr 2019 May 2019 Aug 2018 Sep 2018 Jan 2019 Jun 2019 Jul 2019

Coordinates	38.5, -121.5
Observation Date	2019-03-05
Elevation (ft)	7.14
Drought Index (PDSI)	Moderate wetness
WebWIMP H <sub>2</sub> O Balance	Wet Season

30 Days Ending	30 <sup>th</sup> %ile (in)	70 <sup>th</sup> %ile (in)	Observed (in)	Wetness Condition	Condition Value	Month Weight	Product
2019-03-05	2.669291	4.561024	7.543307	Wet	3	3	9
2019-02-03	1.259449	4.777953	5.350394	Wet	3	2	6
2019-01-04	1.748425	5.048425	1.933071	Normal	2	1	2
Result							Wetter than Normal - 17

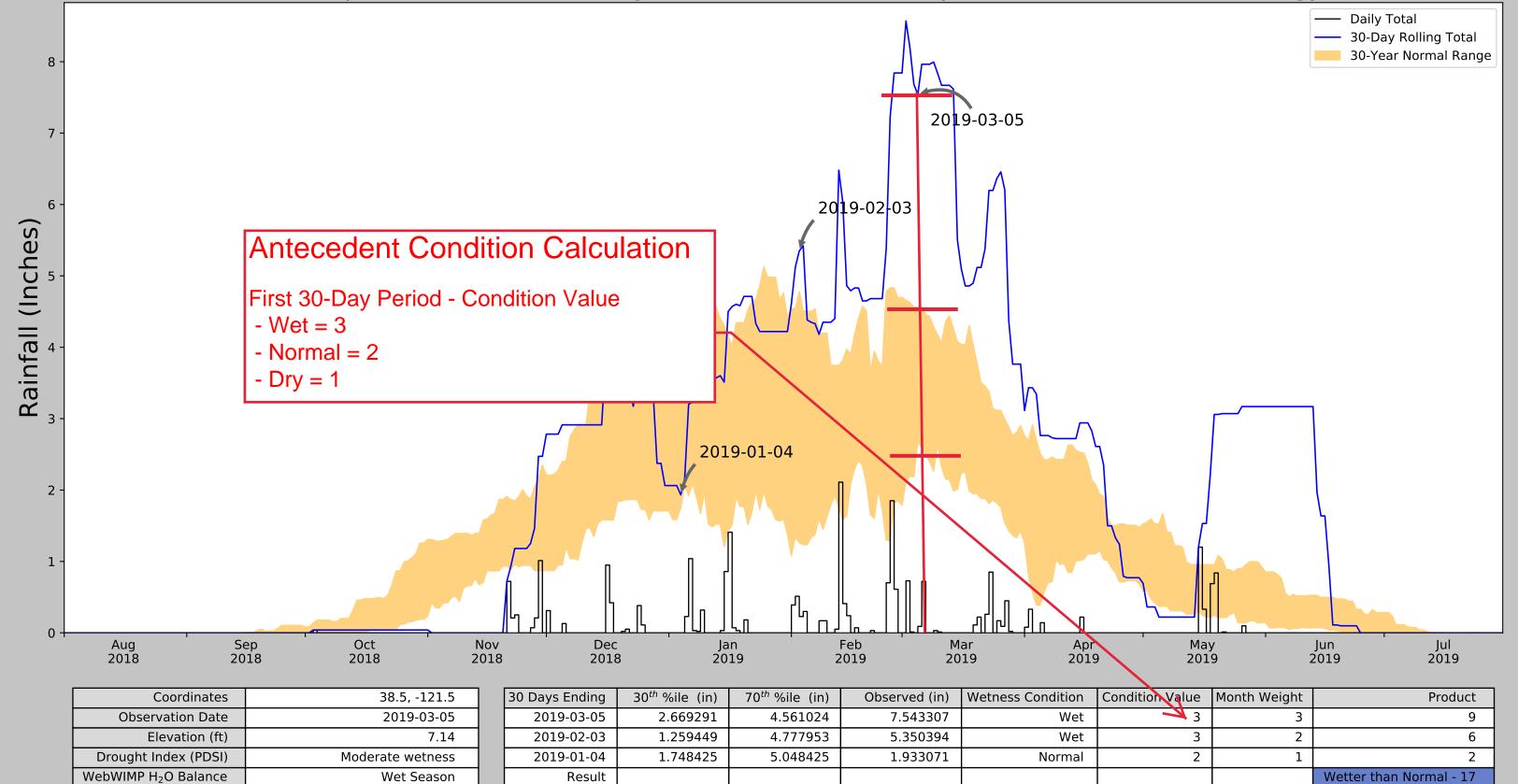


Weather Station Name	Coordinates	Elevation (ft)	Distance (mi)	Elevation Δ	Weighted Δ	Days (Normal)	Days (Antecedent)
SACRAMENTO EXECUTIVE AP	38.5069, -121.495	15.092	0.548*	7.952*	0.251*	11345	90
SACRAMENTO 5 ESE	38.5556, -121.4169	38.058	5.398	22.966	2.553	8	0

### Antecedent Precipitation vs Normal Range based on NOAA's Daily Global Historical Climatology Network — Daily Total — 30-Day Rolling Total 30-Year Normal Range 2019-03-05 2019-02-03 Rainfall (Inches) **Antecedent Condition Calculation** First 30-Day Period - Wetness Condition - Wet = Observed value above 30-Year Normal Range (70th percentile) - Normal = Observed value within 30-Year Normal Range (30th & 70th percentiles) - Drv = Observed value below 30-Year Normal Range (30th percentile) 2019-01-04 Nov 2018 Dec 2018 Mar 2019 Oct 2018 Feb 2019 May 2019 Aug 2018 Sep 2018 Jan 2019 Apr 2019 Jun 2019 Jul 2019 Condition Value 30 Days Ending 70<sup>th</sup> %ile (in) Wetness Condition Month Weight Coordinates 38.5, -121.5 30<sup>th</sup> %ile (in) Observed (in) Product 2019-03-05 2019-03-05 2.669291 7.543307 **Observation Date** 4.561024 Wet 3 3 5.350394 4.777953 2 Elevation (ft) 7.14 2019-02-03 1.259449 Wet 3 6 2019-01-04 1.748425 2 Drought Index (PDSI) Moderate wetness 5.048425 1.933071 Normal WebWIMP H<sub>2</sub>O Balance Result Wetter than Normal - 17 Wet Season

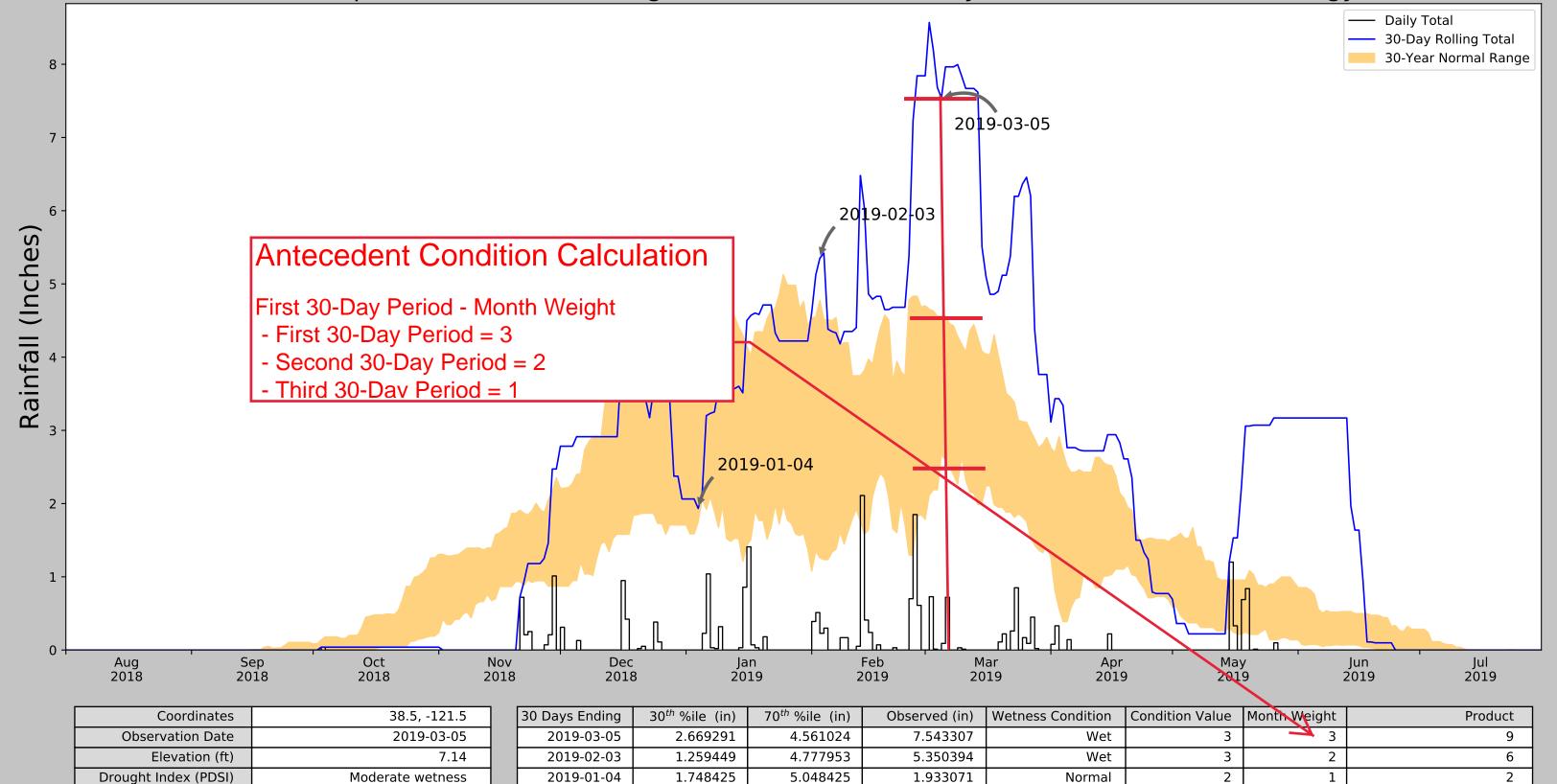
ST CONVS OF FROM	Figure generated using the Antecedent Rainfall Calculator
	Written by Jason C. Deters Jason.Deters@usace.army.mil Phone: (916) 557-7152

Weather Station Name	Coordinates	Elevation (ft)	Distance (mi)	Elevation Δ	Weighted Δ	Days (Normal)	Days (Antecedent)
SACRAMENTO EXECUTIVE AP	38.5069, -121.495	15.092	0.548*	7.952*	0.251*	11345	90
SACRAMENTO 5 ESE	38.5556, -121.4169	38.058	5.398	22.966	2.553	8	0



CONTRACTOR OF THE PARTY OF THE	Figure generated using the Antecedent Rainfall Calculator
	Written by Jason C. Deters Jason.Deters@usace.army.mil Phone: (916) 557-7152

Weather Station Name	Coordinates	Elevation (ft)	Distance (mi)	Elevation Δ	Weighted Δ	Days (Normal)	Days (Antecedent)
SACRAMENTO EXECUTIVE AP	38.5069, -121.495	15.092	0.548*	7.952*	0.251*	11345	90
SACRAMENTO 5 ESE	38.5556, -121.4169	38.058	5.398	22.966	2.553	8	0



CORPS OF ENGINEE	Figure generated using the Antecedent Rainfall Calculator
	Written by Jason C. Deters Jason.Deters@usace.army.mil Phone: (916) 557-7152

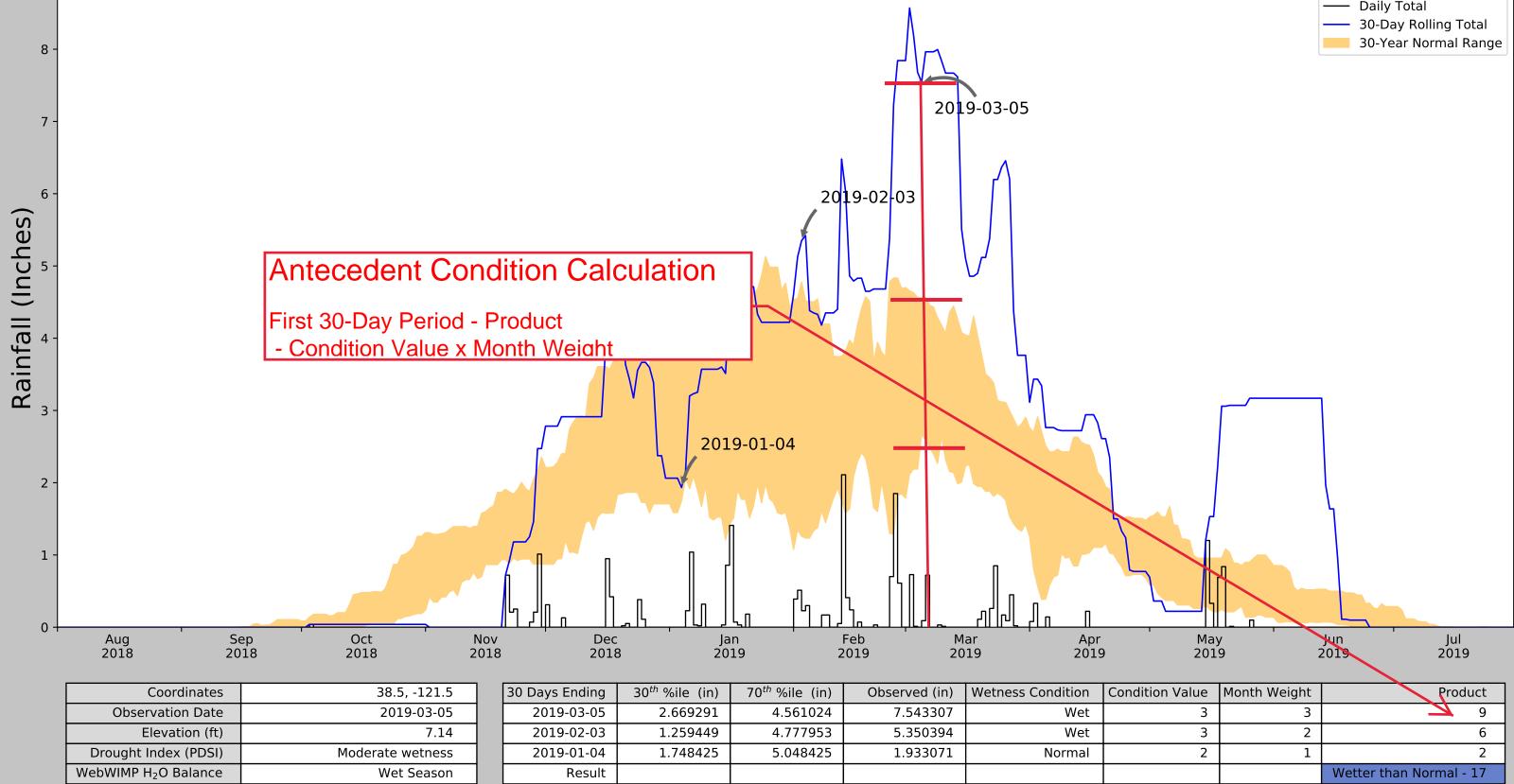
WebWIMP H<sub>2</sub>O Balance

Wet Season

Result

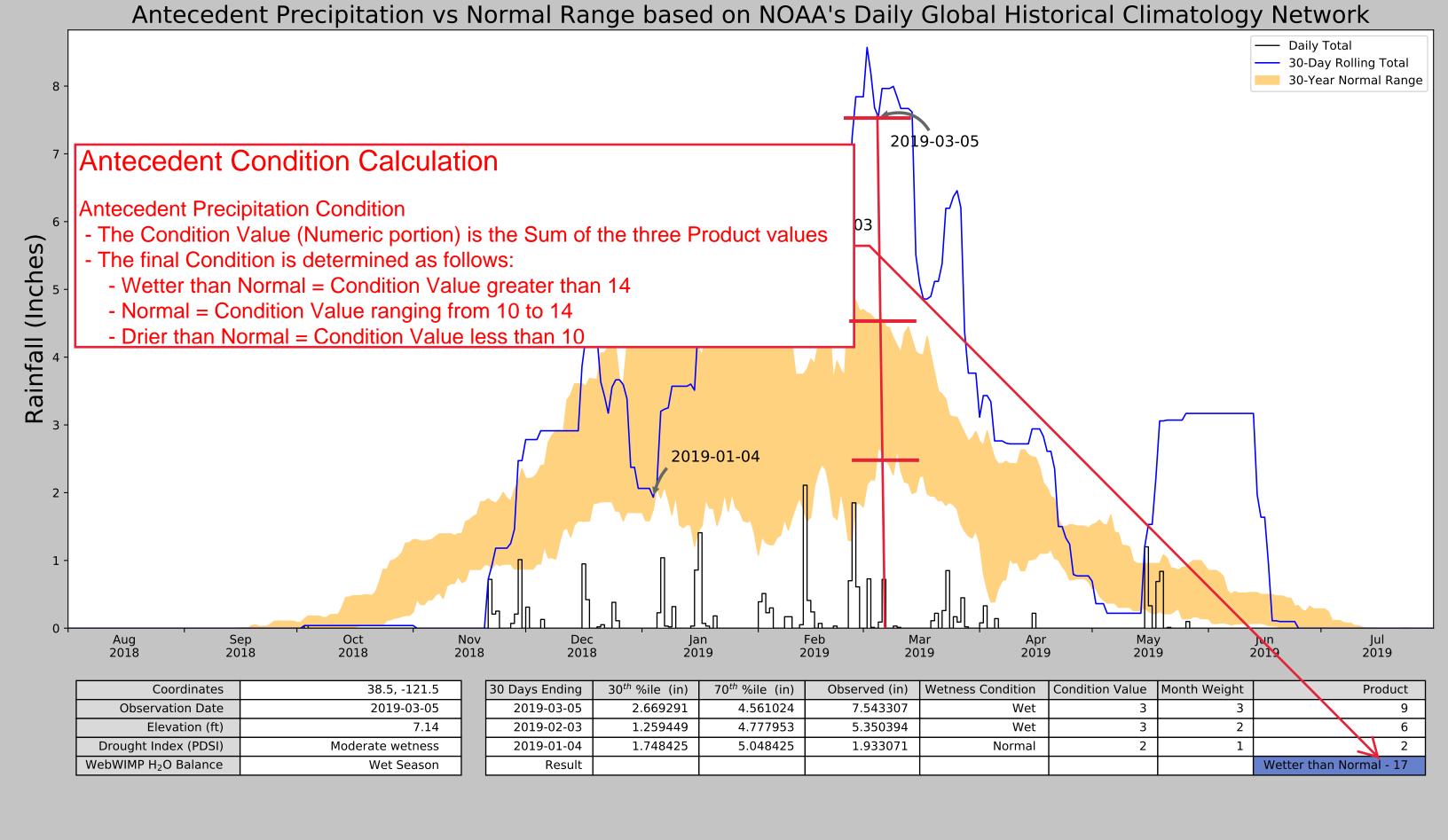
Weather Station Name	Coordinates	Elevation (ft)	Distance (mi)	Elevation Δ	Weighted Δ	Days (Normal)	Days (Antecedent)
SACRAMENTO EXECUTIVE AP	38.5069, -121.495	15.092	0.548*	7.952*	0.251*	11345	90
SACRAMENTO 5 ESE	38.5556, -121.4169	38.058	5.398	22.966	2.553	8	0

Wetter than Normal - 17



CORPS OF ENG	Figure generated using the Antecedent Rainfall Calculator
	Antecedent named Calculator
	Written by Jason C. Deters Jason.Deters@usace.army.mil
SEATORN PROPERTY	Phone: (916) 557-7152

Weather Station Name	Coordinates	Elevation (ft)	Distance (mi)	Elevation Δ	Weighted ∆	Days (Normal)	Days (Antecedent)
SACRAMENTO EXECUTIVE AP	38.5069, -121.495	15.092	0.548*	7.952*	0.251*	11345	90
SACRAMENTO 5 ESE	38.5556, -121.4169	38.058	5.398	22.966	2.553	8	0



STCONPS OF ETCO	Figure generated using the Antecedent Rainfall Calculator
	Written by Jason C. Deters Jason.Deters@usace.army.mil Phone: (916) 557-7152

Weather Station Name	Coordinates	Elevation (ft)	Distance (mi)	Elevation Δ	Weighted Δ	Days (Normal)	Days (Antecedent)
SACRAMENTO EXECUTIVE AP	38.5069, -121.495	15.092	0.548*	7.952*	0.251*	11345	90
SACRAMENTO 5 ESE	38.5556, -121.4169	38.058	5.398	22.966	2.553	8	0

### Antecedent Precipitation vs Normal Range based on NOAA's Daily Global Historical Climatology Network — Daily Total 30-Day Rolling Total 30-Year Normal Range 2019-03-05 2019-02-03 Rainfall (Inches) Weather Station Table Station Name. Coordinates. and Elevation are provided by NOAA Oct 2018 Nov 2018 Dec 2018 Apr 2019 May 2019 Aug 2018 Sep 2018 Jan 2019 Mar Jun 2019 Jul 2019 2019 2019 30<sup>th</sup> %ile (in) 70<sup>th</sup> %ile (in) 30 Days Ending Coordinates 38.5, -121.5 Observed (in) **Wetness Condition** Condition Value Month Weight Product 2019-03-05 **Observation Date** 2019-03-05 2.669291 4.561024 7.543307 Wet 3 3 1.259449 Elevation (ft) 7.14 2019-02-03 4.777953 5.350394 3 2 Wet Drought Index (PDSI) Moderate wetness 2019-01-04 1.748 125 5.048425 1.933071 2 Normal WebWIMP H<sub>2</sub>O Balance Result Wetter than Normal - 17 Wet Season Figure generated using the Elevation Δ Weighted $\Delta$ Elevation (ft) Distance (mi) Days (Normal) Days (Antecedent) Weather Station Name Coordinates Antecedent Rainfall Calculator SACRAMENTO EXECUTIVE AP 38.5069, -121.495 15.092 0.548\*7.952\* 0.251\* 11345 **SACRAMENTO 5 ESE** 38.5556, -121.4169 38.058 5.398 22.966 2.553 ritten by Jason C. Deters Jason.Deters@usace.army.mil Phone: (916) 557-7152

# Antecedent Precipitation vs Normal Range based on NOAA's Daily Global Historical Climatology Network Daily Total 30-Day Rolling Total 30-Year Normal Range Weather Station Table - Distance

Feb 2019

For the Primary Station (First row), the value is the distance between the weather station's coordinates and the user-supplied observation location coordinates.

Jan 2019

For the remaining stations (if any), the value is the distance between the weather station's coordinates and the Primary Station's coordinates

Dec 2018

Nov

2018

Coordinates	38.5, -121.5
Observation Date	2019-03-05
Elevation (ft)	7.14
Drought Index (PDSI)	Moderate wetness
WebWIMP H <sub>2</sub> O Balance	Wet Season

Oct 2018

Sep 2018

30 Days Ending	30 <sup>th</sup> %ile (in)	70 <sup>th</sup> %1e	(in)	Ob	served (in)	Wetness Condition	Condition Value	Month Weight	Product
2019-03-05	2.669291	4.5610	024		7.543307	Wet	3	3	9
2019-02-03	1.259449	4.7779	953		5.350394	Wet	3	2	6
2019-01-04	1.748425	5.0484	425		1.933071	Normal	2	1	2
Result									Wetter than Normal - 17

Apr 2019 May 2019 Jun 2019 Jul 2019

Mar 2019



Aug 2018

Weather Station Name	Coordinates	Elevation (ft)	Distance (mi)	Elevation Δ	Weighted Δ	Days (Normal)	Days (Antecedent)
SACRAMENTO EXECUTIVE AP	38.5069, -121.495	15.092	0.548*	7.952*	0.251*	11345	90
SACRAMENTO 5 ESE	38.5556, -121.4169	38.058	5.398	22.966	2.553	8	0

### Antecedent Precipitation vs Normal Range based on NOAA's Daily Global Historical Climatology Network — Daily Total 30-Day Rolling Total 30-Year Normal Range 2019-03-05 2019-02-03 Weather Station Table - Elevation Difference For the Primary Station (First row), the value is the difference between the weather station's elevation and the elevation at usersupplied Observation Location coordinates. For the remaining stations (if any), the value is the difference between the weather station's elevation and the Primary Station's elevation Dec 2018 Feb 2019 Mar 2019 Sep 2018 Oct 2018 Apr 2019 May 2019 Aug 2018 Nov Jun 2019 Jul 2019 Jan 2019 2018

Coordinates	38.5, -121.5
Observation Date	2019-03-05
Elevation (ft)	7.14
Drought Index (PDSI)	Moderate wetness
WebWIMP H <sub>2</sub> O Balance	Wet Season

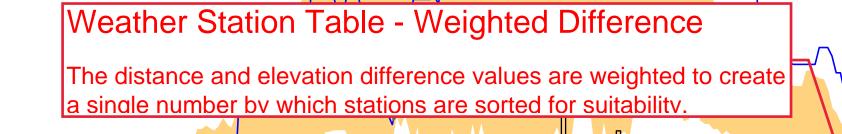
30 Days Ending	30 <sup>th</sup> %ile (in)	70 <sup>th</sup> %ile (in)	Observed (in)	Wetness Condition	Condition Value	Month Weight	Product
2019-03-05	2.669291	4.561024	7.543307	Wet	3	3	9
2019-02-03	1.259449	4.777953	5.350394	Wet	3	2	6
2019-01-04	1.748425	5.048425	1.933071	Normal	2	1	2
Result							Wetter than Normal - 17



	Weather Station Name	Coordinates	Elevation (ft)	Distance (mi)	Elevation Δ	Weighted Δ	Days (Normal)	Days (Antecedent)
	SACRAMENTO EXECUTIVE AP	38.5069, -121.495	15.092	0.548*	7.952*	0.251*	11345	90
	SACRAMENTO 5 ESE	38.5556, -121.4169	38.058	5.398	22.966	2.553	8	0

# Antecedent Precipitation vs Normal Range based on NOAA's Daily Global Historical Climatology Network Daily Total 30-Day Rolling Total 30-Year Normal Range 2019-02-03

Feb 2019



Jan 2019

Coordinates	38.5, -121.5
Observation Date	2019-03-05
Elevation (ft)	7.14
Drought Index (PDSI)	Moderate wetness
WebWIMP H <sub>2</sub> O Balance	Wet Season

Sep 2018 Oct 2018 Nov 2018 Dec 2018

30 Days Ending	30 <sup>th</sup> %ile (in)	70 <sup>th</sup> %ile (in)	Observed (in)	Wetness Condition	Conditio	ր Value	Month Weight	Product
2019-03-05	2.669291	4.561024	7.543307	Wet		3	3	9
2019-02-03	1.259449	4.777953	5.350394	Wet		3	2	6
2019-01-04	1.748425	5.048425	1.933071	Normal		2	1	2
Result								Wetter than Normal - 17

Apr 2019 May 2019 Jul 2019

Jun 2019

Mar 2019



Aug 2018

Weather Station Name	Coordinates	Elevation (ft)	Distance (mi)	Elevation Δ	Weighted Δ	Days (Normal)	Days (Antecedent)
SACRAMENTO EXECUTIVE AP	38.5069, -121.495	15.092	0.548*	7.952*	0.251*	11345	90
SACRAMENTO 5 ESE	38.5556, -121.4169	38.058	5.398	22.966	2.553	8	0

### Antecedent Precipitation vs Normal Range based on NOAA's Daily Global Historical Climatology Network — Daily Total 30-Day Rolling Total 30-Year Normal Range 2019-03-05 2019-02-03 Weather Station Table - Days Days (Normal) - Number of records (daily total precipitation values) used from this station for the calculation of the 30-Year Normal Range values. 2019-0 Days (Antecedent) - Number of records from each station used for the three 30-day periods affecting to the Antecedent Rainfall Calculation. Dec 2018 Mar 2019 Oct 2018 Nov 2018 Feb 2019 May 2019 Aug 2018 Sep 2018 Jan 2019 Apr 2019 Jun 2019 Jul 2019 Condition Value | Month Weight 30 Days Ending 70<sup>th</sup> %ile (in) Coordinates 38.5, -121.5 30<sup>th</sup> %ile (in) Observed (in) **Wetness Condition** Product 2019-03-05 **Observation Date** 2019-03-05 2.669291 4.561024 7.543307 Wet 4.777953 Elevation (ft) 2019-02-03 1.259449 5.350394 Wet 3 7.14 6 Drought Index (PDSI) Moderate wetness 2019-01-04 1.748425 5.048425 1.933071 Normal WebWIMP H<sub>2</sub>O Balance Wetter than Normal - 17 Result Wet Season

CONPS OF EN	Figure generated using the Antecedent Rainfall Calculator
	Written by Jason C. Deters Jason.Deters@usace.army.mil Phone: (916) 557-7152

_								
	Weather Station Name	Coordinates	Elevation (ft)	Distance (mi)	Elevation $\Delta$	Weighted Δ	Days (Normal)	Days (Antecedent)
	SACRAMENTO EXECUTIVE AP	38.5069, -121.495	15.092	0.548*	7.952*	0.251*	11345	90
	SACRAMENTO 5 ESE	38.5556, -121.4169	38.058	5.398	22.966	2.553	8	0