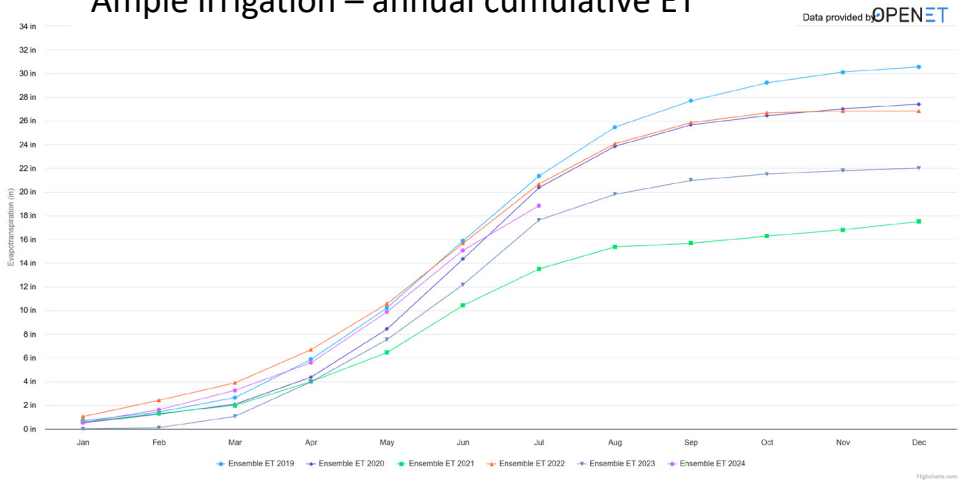




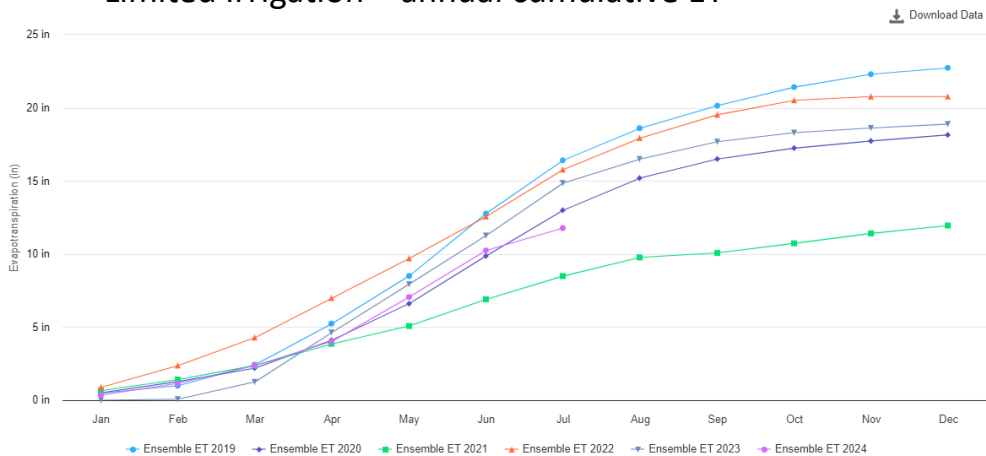
Ample Irrigation

Limited Irrigation

Ample Irrigation – annual cumulative ET



Limited Irrigation – annual cumulative ET



CIMIS Monthly Report

Rendered in ENGLISH Units.
 August 2023 - July 2024
 Printed on Tuesday, August 20, 2024

Ample Irrigated

$ET_0 = 33.45$ in Jan - July
 $ET_0 = 22.5$ in May - July
 $ET_{wet} = 20.9$ in year to date

Sierra Valley Center - Eastern Sierra Basin & Range - Station 264

Month Year	Total ET ₀ (in)	Total Precip (in)	Avg Sol Rad (Ly/day)	Avg Vap Pres (mBars)	Avg Max Air Temp (°F)	Avg Min Air Temp (°F)	Avg Air Temp (°F)	Avg Max Rel Hum (%)	Avg Min Rel Hum (%)	Avg Rel Hum (%)	Avg Dew Point (°F)	Avg Wind Speed (mph)	Avg Soil Temp (°F)
Aug 2023	6.58 K	0.57	528	10.6 K	84.0 K	43.0 K	63.9	97	24	50 L	44.9 L	4.6 K	83.3 K
Sep 2023	4.69 K	0.78	442	8.8 K	74.5 K	38.2	55.4 K	98 K	29 K	59 K	41.0 K	4.9 K	57.1
Oct 2023	3.52	0.19	339	8.4	67.0 K	28.0 K	47.2	93	29	59	32.0	5.5 K	50.5 K
Nov 2023	1.94	0.77 K	223	5.1 K	53.7	21.3 K	36.5	95	38	67 K	26.2 K	5.7 K	41.1 K
Dec 2023	1.10	0.88	166	5.5 K	48.2	21.9	33.7	99	54	82 K	28.7 K	4.5	36.5
Tota/Avgs	17.71	3.2	340	7.3	65.5	30.1	47.3	95	35	63	34.6	5.0	49.7

Sierra Valley Center - Eastern Sierra Basin & Range - Station 264

Month Year	Total ET ₀ (in)	Total Precip (in)	Avg Sol Rad (Ly/day)	Avg Vap Pres (mBars)	Avg Max Air Temp (°F)	Avg Min Air Temp (°F)	Avg Air Temp (°F)	Avg Max Rel Hum (%)	Avg Min Rel Hum (%)	Avg Rel Hum (%)	Avg Dew Point (°F)	Avg Wind Speed (mph)	Avg Soil Temp (°F)
Jan 2024	1.24 K	0.56 K	175	5.6 K	46.4 K	22.0 K	33.5 K	99	56	84 K	26.8 K	4.8 K	37.0 K
Feb 2024	1.75 K	3.50	259	5.5	46.5	24.9	34.8	99	53	80	29.1	5.8 K	38.0
Mar 2024	3.25 K	1.61 K	394 K	5.4 K	47.8 K	26.3	36.7 K	96 K	53 K	74	28.8	7.2 K	38.8 K
Apr 2024	4.74	0.69	512	6.8 K	59.8 K	31.2	45.4 K	98	39	65 K	34.2 K	5.8	47.8 K
May 2024	6.73 K	0.60 K	661 K	7.7 K	67.8 K	35.1	52.6 K	95 K	33 K	58 K	37.1 K	5.7 K	59.0 K
Jun 2024	7.56 K	0.00	696 K	10.1 K	80.6	40.6 K	63.0 K	98	27	51 K	44.2 K	4.7 K	66.4
Jul 2024	8.08 K	0.09	657	10.8 K	90.0 K	45.2 K	69.1 K	94 K	21 K	44 K	46.1 K	4.2 K	67.1
Tota/Avgs	33.45	7.0	479	7.4	62.7	32.2	47.9	97	40	65	35.5	5.5	50.6

Flag Legend		
M - All Daily Values Missing	K - One or More Daily Values Flagged	
J - One or More Daily Values Missing	L - Missing and Flagged Daily Values	
Conversion Factors		
W/sq.m = Ly/day/2.065	inches * 25.4 = mm	(F-32) * 5/9 = c
	mBars * 0.1 = kPa	--

Daily Evapotranspiration in 2024 (in)

Data provided by **OPENET**

