Pseudomonas bacteria live on the leaves of native plants in California—When they get airborne after a rain storm, produce new clouds in the Coast Range that increases the rainfall in the surrounding areas, and those clouds then go eastward to snow in the Sierras. **Photo** -- a new cloud being born in the Woodside hills. See the **Discover magazine article** https://www.discovermagazine.com/planet-earth/does-rain-come-from-life-in-the-clouds

waterdata.usgs.gov/ca/nwis/dvstat/?site_no=11164500&por_11164500_8850=

Day of month	00060, Discharge, cubic feet per second, Mean of daily mean values for each day for water year of record in, ft3/s (Calculation Period 1930-10-01 -> 2020-09-30) Calculation period restricted by USGS staff due to special conditions at/near site											
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	47	48	67	68	8.2	1.9	0.78	0.39	0.23	0.30	0.59	15
2	52	53	75	53	6.7	2.0	0.77	0.35	0.24	0.25	0.69	24
3	31	75	57	44	6.5	2.0	0.77	0.36	0.25	0.26	0.51	22
4	64	59	55	49	6.4	2.1	0.73	0.34	0.24	0.25	0.60	19
5	43	48	54	41	6.4	1.9	0.71	0.34	0.22	0.46	0.82	12
6	32	70	61	44	5.8	1.7	0.68	0.32	0.23	0.29	2.6	7.8
7	32	106	51	41	5.3	1.6	0.65	0.30	0.24	0.38	1.0	19
8	37	88	47	36	4.8	1.6	0.62	0.29	0.32	0.30	2.2	18
9	44	81	48	29	4.8	1.5	0.60	0.30	0.34	0.33	0.94	11
10	46	65	51	28	4.5	1.4	0.57	0.28	0.28	0.36	1.5	25
11	47	71	43	34	4.2	1.4	0.55	0.29	0.27	0.62	2.6	30
12	61	75	56	28	4.0	1.4	0.55	0.29	0.27	0.35	4.5	18
13	62	99	75	30	4.2	1.3	0.53	0.26	0.27	9.2	4.7	8.6
14	71	107	56	21	3.8	1.2	0.51	0.25	0.27	3.2	4.8	13
15	68	96	52	21	3.7	1.3	0.49	0.25	0.28	0.82	5.8	15
16	78	97	65	23	3.8	1.4	0.49	0.24	0.31	1.3	5.9	27
17	46	95	45	18	3.3	1.3	0.47	0.25	0.28	0.71	6.6	12
18	66	90	35	16	4.9	1.2	0.46	0.27	0.76	0.43	15	14
19	65	109	38	15	5.3	1.2	0.45	0.27	0.37	0.60	15	23
20	74	85	53	13	4.2	1.1	0.45	0.29	0.30	0.92	12	27
21	108	82	66	13	4.3	1.1	0.43	0.25	0.29	0.58	7.1	30
22	73	65	63	11	3.2	1.0	0.42	0.23	0.31	0.49	3.1	66
23	54	63	67	12	2.8	0.97	0.42	0.23	0.32	0.68	2.5	78
24	77	50	67	11	2.5	0.96	0.41	0.22	0.32	0.58	10	33
25	82	60	61	11	2.3	0.93	0.38	0.26	0.29	0.79	4.4	27
26	79	56	51	8.7	2.2	0.92	0.37	0.26	0.27	1.5	5.3	35
27	67	79	43	9.2	2.3	0.95	0.37	0.24	0.30	0.64	4.9	43
28	41	68	46	11	2.8	0.91	0.36	0.23	0.27	0.82	5.6	39
29	52	81	37	8.5	2.5	0.90	0.40	0.22	0.26	0.73	7.0	52
30	57		58	9.9	2.2	0.83	0.42	0.22	0.32	0.60	14	40
31	63		57		2.0		0.42	0.23		0.53		55

Check loss of stream flow -- Check San Francisquito Creek USGS mean daily flow and check for the regular rainfall that falls on particular days each year that increases that stream flow. Loss of stream flow can indicate, a decline or loss of the native Pseudomonas plants, which could cause frequent or permanent droughts, like the Indus Valley Civilization 3,500 years ago.