

### APL Drought Monitor

Station "APLMD" (JHU/Applied Physics Laboratory), Laurel, MD (39°10'02"N, 76°53'52"W, 438 ft)

		APL - "Laurel Normal" Precip. Differences (+ is excess, - is deficit)		(Color code: brown = dry, blue = wet)					
		APL	"Laurel Normal"	This	Last	Last	Last	Last	Last
Month	Year	Monthly	Monthly	Month	3 Months	6 Months	12 Months	18 Months	24 Months
		Precip.	Precip.	(in.)	(in.)	(in.)	(in.)	(in.)	(in.)
		(in.)	(in.)						
January	2012	1.83	3.52	-1.69	-3.08	7.67	2.05	-1.41	-5.05
December	2011	3.80	3.66	0.14	-1.14	8.16	2.77	0.78	-4.89
November	2011	2.45	3.98	-1.53	5.18	5.11	0.53	-1.73	-1.46
October	2011	3.87	3.62	0.25	10.75	4.75	0.02	-2.12	0.03
September	2011	10.99	4.53	6.46	9.30	4.81	-0.87	-3.64	1.51
August	2011	7.65	3.61	4.04	-0.07	-1.17	-7.30	-10.34	-6.15
July	2011	2.82	4.02	-1.20	-6.00	-5.62	-9.08	-12.72	-11.01
June	2011	1.01	3.92	-2.91	-4.49	-5.39	-7.38	-13.05	-12.29
May	2011	2.86	4.75	-1.89	-1.10	-4.58	-6.84	-6.57	-6.66
April	2011	3.92	3.61	0.31	0.38	-4.73	-6.87	-4.72	-2.88
March	2011	4.65	4.17	0.48	-0.90	-5.68	-8.45	-3.30	-1.96
February	2011	2.60	3.01	-0.41	-3.48	-6.13	-9.17	-4.98	-4.05
January	2011	2.55	3.52	-0.97	-5.11	-3.46	-7.10	-5.39	-6.30
December	2010	1.56	3.66	-2.10	-4.78	-1.99	-7.66	-6.90	-6.30
November	2010	1.94	3.98	-2.04	-2.65	-2.26	-1.99	-2.08	-4.64
October	2010	2.98	3.62	-0.64	1.65	-2.14	0.01	1.85	-4.33
September	2010	4.56	4.53	0.03	2.79	-2.77	2.38	3.72	-5.69
August	2010	5.87	3.61	2.26	0.39	-3.04	1.15	2.08	-5.49
July	2010	4.52	4.02	0.50	-3.79	-3.64	-1.93	-2.84	-9.76
June	2010	1.55	3.92	-2.37	-5.56	-5.67	-4.91	-4.31	-11.34
May	2010	2.83	4.75	-1.92	-3.43	0.27	0.18	-2.38	-9.66
April	2010	2.34	3.61	-1.27	0.15	2.15	3.99	-2.19	-6.53
March	2010	3.93	4.17	-0.24	-0.11	5.15	6.49	-2.92	-4.92
February	2010	4.67	3.01	1.66	3.70	4.19	5.12	-2.45	-6.29
January	2010	1.99	3.52	-1.53	2.00	1.71	0.80	-6.12	-6.71
December	2009	7.23	3.66	3.57	5.26	0.76	1.36	-5.67	-7.27
November	2009	3.94	3.98	-0.04	0.49	-0.09	-2.65	-9.93	-10.99
October	2009	5.35	3.62	1.73	-0.29	1.84	-4.34	-8.68	-13.70
September	2009	3.33	4.53	-1.20	-4.50	1.34	-8.07	-10.07	-14.46
August	2009	2.79	3.61	-0.82	-0.58	0.93	-6.64	-10.48	-17.11
July	2009	1.54	4.02	-2.48	2.13	-0.91	-7.83	-8.42	-17.54
June	2009	6.64	3.92	2.72	5.84	0.60	-6.43	-8.03	-17.72
May	2009	6.64	4.75	1.89	1.51	-2.56	-9.84	-10.90	-20.98

April	2009	4.84	3.61	1.23	-3.04	-6.18	-10.52	-15.54	-27.14
March	2009	2.56	4.17	-1.61	-5.24	-9.41	-11.41	-15.80	-28.42
February	2009	0.35	3.01	-2.66	-4.07	-7.57	-11.41	-18.04	-27.20
January	2009	2.55	3.52	-0.97	-3.14	-6.92	-7.51	-16.63	-25.28
December	2008	3.22	3.66	-0.44	-4.17	-7.03	-8.63	-18.32	-25.46
November	2008	2.25	3.98	-1.73	-3.50	-7.28	-8.34	-18.42	-26.73
October	2008	1.62	3.62	-2.00	-3.78	-4.34	-9.36	-20.96	-23.24
September	2008	4.76	4.53	0.23	-2.86	-2.00	-6.39	-19.01	-19.52
August	2008	1.60	3.61	-2.01	-3.78	-3.84	-10.47	-19.63	-18.31
July	2008	2.94	4.02	-1.08	-0.56	-0.59	-9.71	-18.36	-19.81
June	2008	3.23	3.92	-0.69	0.86	-1.60	-11.29	-18.43	-20.27
May	2008	5.96	4.75	1.21	-0.06	-1.06	-11.14	-19.45	-12.15
April	2008	3.95	3.61	0.34	-0.03	-5.02	-16.62	-18.90	-16.46
March	2008	2.56	4.17	-1.61	-2.46	-4.39	-17.01	-17.52	-17.31
February	2008	4.25	3.01	1.24	-1.00	-6.63	-15.79	-14.47	-19.78
January	2008	1.43	3.52	-2.09	-4.99	-9.12	-17.77	-19.22	-21.71
December	2007	3.51	3.66	-0.15	-1.93	-9.69	-16.83	-18.67	-20.37
November	2007	1.23	3.98	-2.75	-5.63	-10.08	-18.39	-11.09	-20.84
October	2007	4.59	3.62	0.97	-4.13	-11.60	-13.88	-11.44	-20.25
September	2007	0.68	4.53	-3.85	-7.76	-12.62	-13.13	-12.92	-15.46
August	2007	2.36	3.61	-1.25	-4.45	-9.16	-7.84	-13.15	-16.03
July	2007	1.36	4.02	-2.66	-7.47	-8.65	-10.10	-12.59	-15.85
June	2007	3.38	3.92	-0.54	-4.86	-7.14	-8.98	-10.68	-10.33
May	2007	0.48	4.75	-4.27	-4.71	-8.31	-1.01	-10.76	-11.15
April	2007	3.56	3.61	-0.05	-1.18	-2.28	0.16	-8.65	-9.06
March	2007	3.78	4.17	-0.39	-2.28	-0.51	-0.30	-2.84	-8.80
February	2007	2.27	3.01	-0.74	-3.60	1.32	-3.99	-6.87	-8.62
January	2007	2.37	3.52	-1.15	-1.10	-1.45	-3.94	-7.20	-9.05
December	2006	1.95	3.66	-1.71	1.77	-1.84	-3.54	-3.19	-7.57
November	2006	5.74	3.98	1.76	4.92	7.30	-2.45	-2.84	-6.58
October	2006	5.34	3.62	1.72	-0.35	2.44	-6.37	-6.78	-8.78
September	2006	5.97	4.53	1.44	-3.61	0.21	-2.33	-8.29	-13.08
August	2006	0.10	3.61	-3.51	2.38	-5.31	-8.19	-9.94	-15.82
July	2006	2.48	4.02	-1.54	2.79	-2.49	-5.75	-7.60	-11.95
June	2006	11.35	3.92	7.43	3.82	-1.70	-1.35	-5.73	-10.83
May	2006	1.65	4.75	-3.10	-7.69	-9.75	-10.14	-13.88	-19.82
April	2006	3.10	3.61	-0.51	-5.28	-8.81	-9.22	-11.22	-16.89
March	2006	0.09	4.17	-4.08	-5.52	-2.54	-8.50	-13.29	-15.94
February	2006	2.32	3.01	-0.69	-2.06	-2.88	-4.63	-10.51	-13.62
January	2006	2.77	3.52	-0.75	-3.53	-3.26	-5.11	-9.46	-13.95
December	2005	3.04	3.66	-0.62	2.98	0.35	-4.03	-9.13	-14.94
November	2005	1.82	3.98	-2.16	-0.82	-0.39	-4.13	-10.07	-12.83
October	2005	9.38	3.62	5.76	0.27	-0.41	-2.41	-8.08	-10.23
September	2005	0.11	4.53	-4.42	-2.63	-5.96	-10.75	-13.40	-15.28

August	2005	2.54	3.61	-1.07	0.43	-1.75	-7.63	-10.74	-8.11
July	2005	6.88	4.02	2.86	-0.68	-1.85	-6.20	-10.69	-7.24
June	2005	2.56	3.92	-1.36	-3.33	-4.38	-9.48	-15.29	-9.28
May	2005	2.57	4.75	-2.18	-2.18	-3.74	-9.68	-12.44	-5.31
April	2005	3.82	3.61	0.21	-1.17	-2.00	-7.67	-9.82	-1.32
March	2005	3.96	4.17	-0.21	-1.05	-4.79	-7.44	-9.32	-1.49
February	2005	1.84	3.01	-1.17	-1.56	-5.88	-8.99	-6.36	-0.52
January	2005	3.85	3.52	0.33	-0.83	-4.35	-8.84	-5.39	5.46
December	2004	2.94	3.66	-0.72	-3.74	-5.10	-10.91	-4.90	4.56
November	2004	3.54	3.98	-0.44	-4.32	-5.94	-8.70	-1.57	6.48
October	2004	1.04	3.62	-2.58	-3.52	-5.67	-7.82	0.68	8.30
September	2004	3.23	4.53	-1.30	-1.36	-2.65	-4.53	3.30	14.91
August	2004	3.97	3.61	0.36	-1.62	-3.11	-0.48	5.36	15.99
July	2004	3.60	4.02	-0.42	-2.15	-4.49	-1.04	9.81	15.52
June	2004	2.36	3.92	-1.56	-1.29	-5.81	0.20	9.66	16.13
May	2004	4.58	4.75	-0.17	-1.49	-2.76	4.37	12.42	15.95
April	2004	4.05	3.61	0.44	-2.34	-2.15	6.35	13.97	15.57
March	2004	2.41	4.17	-1.76	-4.52	-1.88	5.95	17.56	15.44
February	2004	1.99	3.01	-1.02	-1.27	2.63	8.47	19.10	18.17
January	2004	1.78	3.52	-1.74	0.19	3.45	14.30	20.01	16.62
December	2003	5.15	3.66	1.49	2.64	6.01	15.47	21.94	17.06
November	2003	4.42	3.98	0.44	3.90	7.13	15.18	18.71	14.01
October	2003	4.33	3.62	0.71	3.26	8.50	16.12	17.72	11.47
September	2003	7.28	4.53	2.75	3.37	7.83	19.44	17.32	8.05
August	2003	3.41	3.61	-0.20	3.23	5.84	16.47	15.54	5.12
July	2003	4.84	4.02	0.82	5.24	10.85	16.56	13.17	7.18
June	2003	6.53	3.92	2.61	4.46	9.46	15.93	11.05	5.20
May	2003	6.56	4.75	1.81	2.61	8.05	11.58	6.88	3.60
April	2003	3.65	3.61	0.04	5.61	7.62	9.22	2.97	2.28
March	2003	4.93	4.17	0.76	5.00	11.61	9.49	0.22	0.41
February	2003	7.82	3.01	4.81	5.44	10.63	9.70	-0.72	1.15
January	2003	2.95	3.52	-0.57	2.01	5.71	2.32	-3.67	-4.07
December	2002	4.86	3.66	1.20	6.61	6.47	1.59	-4.26	-3.65
November	2002	5.36	3.98	1.38	5.19	3.53	-1.17	-4.45	-5.08
October	2002	7.65	3.62	4.03	3.70	1.60	-4.65	-5.34	-8.32
September	2002	4.31	4.53	-0.22	-0.14	-2.12	-11.39	-11.20	-15.70
August	2002	3.50	3.61	-0.11	-1.66	-0.93	-11.35	-9.48	-12.88
July	2002	4.21	4.02	0.19	-2.10	-3.39	-9.38	-9.78	-13.44
June	2002	2.18	3.92	-1.74	-1.98	-4.88	-10.73	-10.12	-11.87
May	2002	4.20	4.75	-0.55	0.73	-4.70	-7.98	-8.61	-8.50
April	2002	3.92	3.61	0.31	-1.29	-6.25	-6.94	-9.92	-9.82
March	2002	5.14	4.17	0.97	-2.90	-9.27	-9.08	-13.58	-9.11
February	2002	0.44	3.01	-2.57	-5.43	-10.42	-8.55	-11.95	-9.25
January	2002	2.22	3.52	-1.30	-4.96	-5.99	-6.39	-10.05	-6.72

December	2001	2.10	3.66	-1.56	-6.37	-5.85	-5.24	-6.99	-5.84
November	2001	1.88	3.98	-2.10	-4.99	-3.28	-3.91	-3.80	-5.01
October	2001	0.91	3.62	-2.71	-1.03	-0.69	-3.67	-3.57	-5.19
September	2001	4.35	4.53	-0.18	0.52	0.19	-4.31	0.16	-2.62
August	2001	5.47	3.61	1.86	1.71	1.87	-1.53	1.17	6.55
July	2001	2.86	4.02	-1.16	0.34	-0.40	-4.06	-0.73	5.38
June	2001	4.93	3.92	1.01	-0.33	0.61	-1.14	0.01	3.91
May	2001	5.24	4.75	0.49	0.16	-0.63	-0.52	-1.73	0.70
April	2001	1.78	3.61	-1.83	-0.74	-2.98	-2.88	-4.50	-3.31
March	2001	5.67	4.17	1.50	0.94	-4.50	-0.03	-2.81	-2.72
February	2001	2.60	3.01	-0.41	-0.79	-3.40	-0.70	4.68	-4.71
January	2001	3.37	3.52	-0.15	-2.24	-3.66	-0.33	5.78	-4.52
December	2000	3.43	3.66	-0.23	-5.44	-1.75	-0.60	3.30	-3.23
November	2000	2.12	3.98	-1.86	-2.61	0.11	-1.10	1.33	-5.30
October	2000	0.27	3.62	-3.35	-1.42	0.10	-1.52	-0.33	-6.19
September	2000	7.13	4.53	2.60	3.69	4.47	1.69	1.78	-5.14
August	2000	2.94	3.61	-0.67	2.72	2.70	8.08	-1.31	-11.47
July	2000	5.78	4.02	1.76	1.52	3.33	9.44	-0.86	-13.63
June	2000	5.55	3.92	1.63	0.78	1.15	5.05	-1.48	-18.02
May	2000	2.88	4.75	-1.87	-0.02	-1.21	1.22	-5.41	-20.41
April	2000	4.63	3.61	1.02	1.81	-1.62	-0.43	-6.29	-18.83
March	2000	5.00	4.17	0.83	0.37	-2.78	-2.69	-9.61	-19.86
February	2000	2.97	3.01	-0.04	-1.19	5.38	-4.01	-14.17	-18.16
January	2000	3.10	3.52	-0.42	-3.43	6.11	-4.19	-16.96	-14.83
December	1999	2.93	3.66	-0.73	-3.15	3.90	-2.63	-19.17	-11.98
November	1999	1.70	3.98	-2.28	6.57	2.43	-4.20	-19.20	-12.70
October	1999	3.48	3.62	-0.14	9.54	1.19	-4.67	-17.21	-8.05
September	1999	13.52	4.53	8.99	7.05	0.09	-6.83	-17.08	-8.69
August	1999	4.30	3.61	0.69	-4.14	-9.39	-19.55	-23.54	-19.69
July	1999	1.39	4.02	-2.63	-8.35	-10.30	-23.07	-20.94	-20.55
June	1999	1.72	3.92	-2.20	-6.96	-6.53	-23.07	-15.88	-20.76
May	1999	1.23	4.75	-3.52	-5.25	-6.63	-21.63	-15.13	-18.92
April	1999	2.37	3.61	-1.24	-1.95	-5.86	-18.40	-9.24	-17.62
March	1999	3.68	4.17	-0.49	0.43	-6.92	-17.17	-8.78	-17.43
February	1999	2.79	3.01	-0.22	-1.38	-10.16	-14.15	-10.30	-14.81
January	1999	4.66	3.52	1.14	-3.91	-12.77	-10.64	-10.25	-15.41
December	1998	1.36	3.66	-2.30	-7.35	-16.54	-9.35	-14.23	-17.01
November	1998	1.23	3.98	-2.75	-8.78	-15.00	-8.50	-12.29	-10.15
October	1998	1.32	3.62	-2.30	-8.86	-12.54	-3.38	-11.76	-5.13
September	1998	0.80	4.53	-3.73	-9.19	-10.25	-1.86	-10.51	-1.53
August	1998	0.78	3.61	-2.83	-6.22	-3.99	-0.14	-4.65	5.10
July	1998	1.39	4.02	-2.63	-3.68	2.13	2.52	-2.64	9.30
June	1998	3.16	3.92	-0.76	-1.06	7.19	2.31	-0.47	15.09
May	1998	4.46	4.75	-0.29	2.23	6.50	2.71	4.85	X

April	1998	3.60	3.61	-0.01	5.81	9.16	0.78	7.41	X
March	1998	6.70	4.17	2.53	8.25	8.39	-0.26	8.72	X
February	1998	6.30	3.01	3.29	4.27	3.85	-0.66	9.09	X
January	1998	5.95	3.52	2.43	3.35	0.39	-4.77	7.17	X
December	1997	2.21	3.66	-1.45	0.14	-4.88	-7.66	7.90	X
November	1997	6.35	3.98	2.37	-0.42	-3.79	-1.65	X	X
October	1997	2.84	3.62	-0.78	-2.96	-8.38	-1.75	X	X
September	1997	2.52	4.53	-2.01	-5.02	-8.65	0.33	X	X
August	1997	3.44	3.61	-0.17	-3.37	-4.51	5.24	X	X
July	1997	1.18	4.02	-2.84	-5.42	-5.16	6.78	X	X
June	1997	3.56	3.92	-0.36	-3.63	-2.78	12.78	X	X
May	1997	2.53	4.75	-2.22	-1.14	2.14	X	X	X
April	1997	2.56	3.61	-1.05	0.26	6.63	X	X	X
March	1997	6.30	4.17	2.13	0.85	8.98	X	X	X
February	1997	2.19	3.01	-0.82	3.28	9.75	X	X	X
January	1997	3.06	3.52	-0.46	6.37	11.94	X	X	X
December	1996	8.22	3.66	4.56	8.13	15.56	X	X	X
November	1996	6.25	3.98	2.27	6.47	X	X	X	X
October	1996	4.92	3.62	1.30	5.57	X	X	X	X
September	1996	7.43	4.53	2.90	7.43	X	X	X	X
August	1996	4.98	3.61	1.37	X	X	X	X	X
July	1996	7.18	4.02	3.16	X	X	X	X	X
Note: "Laurel Normal" data are taken from 1971-2000 period averages of climatological precipitation data at the WSSC filtration plant in Laurel, MD (a few miles south of APL).									
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