

Monthly Precipitation at Upton (Brookhaven National Laboratory), Suffolk County, New York

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Calander Year Total	Water Year Total	Winter Season Total	Summer Season Total	March to February Total
1949	5.55	4.71	2.88	3.63	3.32	0.00	3.07	5.21	3.49	1.74	2.96	3.36	39.92				18.72
1950	2.80	4.28	3.98	2.41	5.23	2.72	3.22	4.26	1.38	1.69	4.34	4.36	40.67	38.34	19.12	19.22	36.74
1951	3.75	4.99	5.02	3.42	3.68	2.64	2.08	4.50	1.06	5.48	6.01	6.17	48.80	41.53	24.15	17.38	42.33
1952	7.10	3.54	5.44	3.61	7.64	2.78	1.00	7.61	1.35	0.31	3.56	4.45	48.39	57.73	33.74	23.99	50.70
1953	6.73	4.16	10.36	5.59	3.34	1.66	2.76	2.40	0.90	3.17	5.03	6.43	52.53	46.22	29.57	16.65	48.64
1954	2.74	2.18	4.21	5.36	4.08	1.69	0.94	11.98	10.47	2.44	5.42	6.39	57.90	58.28	23.76	34.52	46.56
1955	0.62	3.26	4.79	4.28	0.95	2.53	1.65	9.04	3.96	11.43	7.19	0.82	50.52	45.33	22.92	22.41	56.86
1956	3.52	6.32	5.47	2.97	2.63	3.00	5.79	1.50	3.64	2.95	4.63	6.03	48.45	54.28	34.75	19.53	56.48
1957	2.36	2.53	3.20	4.44	1.46	0.42	2.84	4.25	3.57	3.86	4.41	8.45	41.79	38.68	21.70	16.98	43.50
1958	7.96	4.58	6.65	6.34	5.81	2.28	3.42	5.37	4.24	7.39	2.88	2.68	59.60	63.37	35.91	27.46	49.44
1959	2.60	2.06	6.71	3.93	1.75	5.35	6.85	3.72	1.36	3.13	4.46	5.12	47.04	47.28	24.32	22.96	51.72
1960	3.59	5.48	3.38	3.27	2.54	2.13	6.03	1.79	7.49	3.94	2.62	4.31	46.57	48.41	25.16	23.25	51.45
1961	3.56	4.10	4.60	5.70	6.17	2.30	5.61	4.23	6.23	3.06	2.89	3.70	52.15	53.37	23.13	30.24	45.16
1962	4.38	5.77	3.63	3.31	1.12	3.55	1.64	7.64	4.07	4.62	5.04	2.83	47.60	44.76	23.43	21.33	54.64
1963	3.27	3.88	4.27	2.56	3.08	5.51	2.65	2.10	3.66	0.18	6.89	2.78	40.83	43.47	23.91	19.56	44.60
1964	5.89	4.76	3.56	8.37	0.63	1.41	4.40	1.16	3.02	4.29	3.07	6.63	47.19	43.05	24.06	18.99	44.33
1965	4.88	3.03	2.74	4.20	1.63	1.69	3.43	5.15	1.51	2.15	1.83	2.11	34.35	42.25	24.64	17.61	44.45
1966	4.57	5.18	1.73	2.13	6.55	1.40	1.12	3.23	6.53	4.45	2.89	4.15	43.93	38.53	17.57	20.96	36.19
1967	1.65	3.98	8.18	4.14	7.98	5.30	6.01	5.43	2.24	2.11	4.00	7.60	58.62	56.40	25.30	31.10	39.81
1968	3.00	2.21	7.54	2.00	4.95	4.24	0.50	3.10	2.08	3.01	8.09	8.22	48.94	43.33	26.46	16.87	58.20
1969	1.04	4.03	3.62	5.15	2.44	2.06	8.62	5.51	3.60	3.69	4.48	7.83	52.07	55.39	28.01	27.38	48.80
1970	0.81	4.37	5.44	4.57	3.44	1.77	3.10	6.08	2.42	1.41	6.52	3.73	43.66	48.00	26.62	21.38	52.18
1971	2.95	6.45	3.55	3.30	3.80	0.92	5.03	3.86	2.12	3.41	6.86	2.57	44.82	43.64	24.61	19.03	47.88
1972	2.41	6.12	5.40	4.53	6.10	7.30	1.03	1.29	3.08	7.64	7.51	6.22	58.63	50.10	26.77	23.33	43.95
1973	4.44	4.36	4.38	7.77	5.46	3.25	4.45	3.11	2.51	2.79	2.22	8.00	52.74	61.10	34.55	26.55	58.90
1974	4.96	2.82	5.06	3.49	3.13	2.50	0.81	2.55	5.10	2.66	1.94	6.78	41.80	43.43	25.85	17.58	51.72
1975	6.50	4.06	4.27	3.89	3.45	5.37	3.33	2.01	5.58	3.61	5.89	4.92	52.88	49.84	26.21	23.63	44.58
1976	5.98	3.57	3.30	2.27	3.89	3.27	4.32	7.57	2.07	5.42	0.54	2.96	45.16	50.66	27.27	23.39	51.87
1977	3.09	2.46	5.47	4.28	2.04	4.31	1.51	5.49	5.73	6.12	6.39	6.93	53.82	43.30	19.94	23.36	41.16
1978	10.72	2.60	3.33	2.39	6.47	0.81	4.63	5.22	4.26	4.11	2.79	6.12	53.45	59.87	36.09	23.78	61.59
1979	13.01	5.27	3.53	4.96	4.09	2.15	0.61	7.76	3.20	4.57	3.95	3.02	56.12	57.60	34.83	22.77	58.41
1980	2.02	1.18	7.20	6.16	1.52	3.60	1.92	1.56	0.98	3.59	4.20	1.06	34.99	37.68	21.94	15.74	41.04
1981	1.15	5.16	1.80	4.59	2.17	3.14	2.69	0.96	5.17	4.49	3.16	5.55	40.03	35.68	16.96	18.72	38.10
1982	7.20	2.90	3.38	5.44	1.71	12.85	1.77	3.45	1.40	2.07	3.87	2.38	48.42	53.30	26.68	26.62	43.82
1983	4.07	4.36	8.68	11.09	4.22	2.63	4.20	4.48	2.09	3.67	8.68	5.67	63.84	54.14	25.43	28.71	46.75
1984	2.87	6.38	6.92	5.41	8.08	6.68	7.06	1.02	4.16	3.20	2.40	2.98	57.16	66.60	34.19	32.41	64.66
1985	1.07	1.82	2.62	1.56	4.87	6.38	2.30	4.89	1.54	1.53	6.85	1.10	36.53	35.63	14.09	21.54	50.80
1986	3.96	3.46	3.17	2.35	1.09	1.66	5.02	5.69	0.86	2.25	6.72	7.50	43.73	36.74	20.07	16.67	41.06
1987	6.74	1.21	5.95	4.32	1.83	1.86	1.48	4.38	4.05	2.22	3.55	3.20	40.79	48.29	30.37	17.92	44.26
1988	3.59	4.81	4.22	2.17	2.58	1.43	3.93	1.36	3.52	3.87	9.05	2.52	43.05	36.58	21.59	14.99	41.24
1989	2.23	4.09	5.20	4.66	10.47	7.24	5.84	9.17	4.45	8.90	5.16	1.25	68.66	68.79	26.96	41.83	40.97
1990	5.24	2.92	2.14	4.96	6.52	3.95	2.64	6.75	3.04	7.17	1.78	5.90	53.01	53.47	25.61	27.86	70.50
1991	4.41	1.86	5.45	4.30	2.78	1.87	2.11	9.19	4.45	2.61	1.80	4.30	45.13	51.27	26.57	24.70	51.12
1992	2.40	2.18	3.34	1.78	3.05	4.90	4.76	5.61	3.51	1.07	5.96	6.60	45.16	40.24	16.63	23.61	43.44
1993	2.47	4.10	7.11	3.81	1.71	1.37	1.84	1.61	4.36	4.69	3.72	6.11	42.90	42.01	27.31	14.70	47.15
1994	5.78	4.04	6.55	2.26	2.93	0.51	0.91	5.04	4.41	1.09	6.34	4.30	44.16	46.95	30.89	16.06	46.15
1995	2.93	3.74	1.53	2.52	2.79	3.12	1.78	0.54	4.91	5.97	5.83	3.74	39.40	35.59	19.93	15.66	41.01
1996	5.22	3.51	3.58	6.40	3.39	4.41	4.94	2.68	6.08	8.24	3.11	8.66	60.22	55.75	27.85	27.90	41.46
1997	3.82	2.64	5.10	4.21	2.67	2.16	2.21	3.33	1.27	2.55	5.42	4.66	40.04	47.42	31.57	15.85	57.95
1998	7.01	5.66	8.08	6.55	8.58	8.43	0.94	3.68	2.50	1.91	2.05	1.22	56.61	64.06	33.38	30.68	46.25
1999	8.85	4.81	5.32	2.35	2.41	1.04	2.12	8.71	5.90	4.78	2.58	2.85	51.72	46.69	24.16	22.53	57.60
2000	3.75	2.58	5.49	6.29	4.28	5.18	8.37	3.38	6.86	0.31	3.79	4.09	54.37	56.39	22.03	34.36	44.39
2001	3.28	2.63	10.37	2.03	4.22	6.46	3.47	4.68	4.04	1.04	0.74	2.59	45.55	49.37	24.47	24.90	53.95
2002	3.07	1.16	5.05	4.58	4.48	4.37	1.37	3.94	5.84	6.40	6.18	5.63	52.07	38.23	13.65	24.58	43.87
2003	2.48	5.74	5.99	5.11	6.07	12.28	2.38	5.19	5.22	4.80	3.63	4.22	63.11	68.67	32.42	36.25	56.06
2004	2.15	3.14	3.47	4.94	2.59	1.34	3.05	4.30	5.14	1.62	2.16	1.96	35.86	42.77	21.41	21.36	60.18
2005	3.02	2.10	2.47	2.53	2.36	1.48	2.16	0.87	1.09	22.14	5.00	4.60	50.12	24.12	13.63	10.49	35.99
2006	5.52	2.87	0.89	7.17	6.73	6.73	5.73	6.44	3.21	7.22	6.61	2.47	61.59	77.03	41.02	36.01	53.09
2007																	
Total	243.03	218.16	276.76	247.80	224.95	203.38	189.44	257.02	211.97	236.23	257.64	262.78	2829.16	2781.00	1446.04	1296.62	2765.70
Years	58	58	58	58	58	58	58	58	58	58	58	58	58	57	57	56	57
Average	4.19	3.75	4.77	4.27	3.88	3.51	3.27	4.43	3.65	4.07	4.44	4.53	48.78	48.79	25.37	23.15	48.52
Maximum	13.01	6.45	10.37	11.09	10.47	12.85	8.62	11.98	10.47	22.14	9.05	8.66	68.66	77.03	41.02	41.83	70.50
Year	1979	1971	2001	1983	1989	1982	1969	1954	1954	2005	1988	1996	1989	2006	2006	1989	1990
Minimum	0.62	1.16	0.89	1.56	0.63	0.00	0.50	0.54	0.86	0.18	0.54	0.82	34.35	24.12	13.63	10.49	35.99
Year	1955	2002	2006	1985	1964	1949	1968	1995	1986	1963	1976	1955	1965	2005	2005	2005	2005

SURPLUS SINCE 10/2005

2005											18.07	0.56	0.07
2006	1.33	-0.89	-3.88	2.90	2.85	3.22	2.46	2.01	-0.44	3.15	2.17	-2.06	

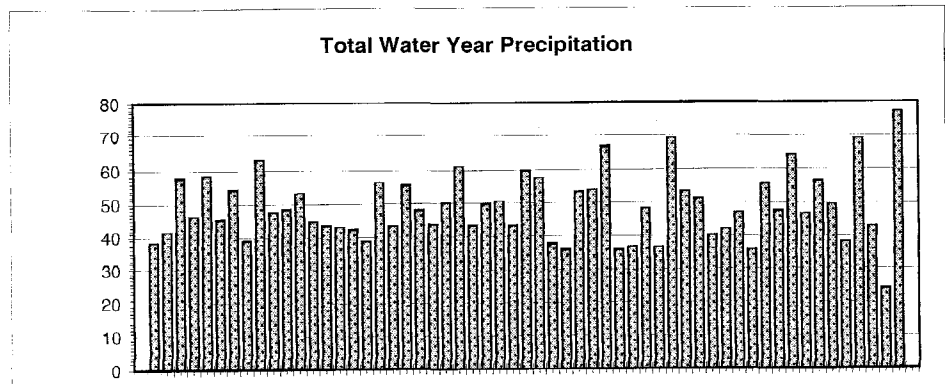
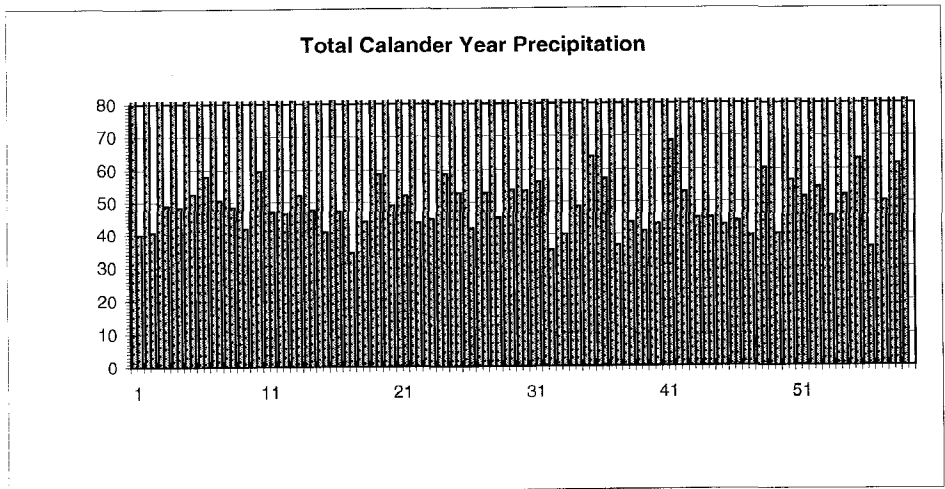
18.69
12.81
31.51

Summary

Maximum monthly precipitation -	22.14	inches in	Oct 2005
Minimum monthly precipitation -	0.00	inches in	Jun 1949
Maximum calendar year precipitation -	68.66	inches in	1989
Minimum calendar year precipitation -	34.35	inches in	1965
Average calendar year precipitation -	48.78	inches for	58 years of record
Maximum water year precipitation -	77.03	inches in	2006
Minimum water year precipitation -	24.12	inches in	2005
Average water year precipitation -	48.79	inches for	57 years of record
Maximum winter season precipitation -	41.02	inches in	2006
Minimum winter season precipitation -	13.63	inches in	2005
Average winter season precipitation -	25.37	inches for	57 years of record
Maximum summer season precipitation -	41.83	inches in	1989
Minimum summer season precipitation -	10.49	inches in	2005
Average summer season precipitation -	23.15	inches for	56 years of record

Remarks

- 1) - All data was compiled from the records of the Northeast Regional Climate Center.
- 2) - Blank value indicates no data collected for the month; 0.00 indicates no precipitation.
- 3) - Normal type indicates no missing data for the month; italic type indicates less than 2 days of missing data; bold type indicates more than 2 days of missing data; bold italic type indicates estimated data.
- 4) - Annual totals are not calculated when one or more months of data are missing; monthly maximum and minimum values may occur multiple times in the record, however, only the first occurrence is reported.
- 5) - Calendar year is from January of current year to December of the current year; water year is from October of the previous year to September of the current year; winter season is from October of the previous year to March of the current year; summer season is from April of the current year to September of the current year.





Monthly Average Precipitation

