

U.S. Department of Commerce  
 National Oceanic & Atmospheric Administration  
 National Environmental Satellite, Data, and Information Service

**Record of Climatological Observations**  
 These data are quality controlled and may not be identical to the original observations.

National Climatic Data Center  
 Federal Building  
 151 Patton Avenue  
 Asheville, North Carolina 28801  
 www.ncdc.noaa.gov

Station: **COWANESQUE DAM, PA US**

GHCND:USC00361838

Observation Time Temperature: 0730 Observation Time Precipitation: 0730

Elev: 1148 ft. Lat: 41.990° N Lon: 77.157° W

P r e l i m i n a r y	Y e a r	M o n t h	D a y	Temperature (°F)			Precipitation(see **)					Evaporation		Soil Temperature (°F)						
				24 hrs. ending at observation time		at O b s e r v a t i o n	24 Hour Amounts ending at observation time				At Obs Time	24 Hour Wind Movement (mi)	Amount of Evap. (in)	4 in depth			8 in depth			
				Max.	Min.		Rain, melted snow, etc. (in)	F l a g	Snow, ice pellets, hail (in)	F l a g				Snow, ice pellets, hail, ice on ground (in)	Ground Cover (see *)	Max.	Min.	Ground Cover (see *)	Max.	Min.
	2002	6	1	82	51	52	0.01		0.0		0									
	2002	6	2	83	52	62	0.00		0.0		0									
	2002	6	3	71	40	44	0.00		0.0		0									
	2002	6	4	68	44	47	0.00		0.0		0									
	2002	6	5	73	47	65	1.92		0.0		0									
	2002	6	6	85	57	57	1.93		0.0		0									
	2002	6	7	57	46	51	0.37		0.0		0									
	2002	6	8	74	46	51	0.00		0.0		0									
	2002	6	9	79	50	64	0.00		0.0		0									
	2002	6	10	83	58	59	0.00		0.0		0									
	2002	6	11	82	59	62	0.00		0.0		0									
	2002	6	12	86	62	70	0.00		0.0		0									
	2002	6	13	81	58	59	0.00		0.0		0									
	2002	6	14	72	59	61	0.11		0.0		0									
	2002	6	15	65	56	58	1.11		0.0		0									
	2002	6	16	69	50	55	0.67		0.0		0									
	2002	6	17	67	48	51	0.08		0.0		0									
	2002	6	18	72	46	47	0.05		0.0		0									
	2002	6	19	76	47	50	0.06		0.0		0									
	2002	6	20	79	50	53	0.00		0.0		0									
	2002	6	21	84	53	60	0.00		0.0		0									
	2002	6	22	86	53	68	0.00		0.0		0									
	2002	6	23	86	65	66	0.00		0.0		0									
	2002	6	24	87	64	65	0.00		0.0		0									
	2002	6	25	83	64	66	0.00		0.0		0									
	2002	6	26	89	65	65	0.00		0.0		0									
	2002	6	27	86	65	68	0.00		0.0		0									
	2002	6	28	85	62	64	0.86		0.0		0									
	2002	6	29	79	55	57	0.00		0.0		0									
	2002	6	30	82	57	60	0.00		0.0		0									
			Summary	78.4	54.3		7.17		0.0											

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Empty, or blank, cells indicate that a data observation was not reported.

\*Ground Cover: 1=Grass; 2=Fallow; 3=Bare Ground; 4=Brome grass; 5=Sod; 6=Straw mulch; 7=Grass muck; 8=Bare muck; 0=Unknown

"s" This data value failed one of NCDC's quality control tests.

"T" values in the Precipitation category above indicate a TRACE value was recorded.

"A" values in the Precipitation Flag or the Snow Flag column indicate a multiday total, accumulated since last measurement, is being used.

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GHCND:USC00361838

Observation Time Temperature: 0730 Observation Time Precipitation: 0730

Elev: 1148 ft. Lat: 41.990° N Lon: 77.157° W

P r e l i m i n a r y	Y e a r	M o n t h	D a y	Temperature (°F)			Precipitation(see **)					Evaporation		Soil Temperature (°F)						
				24 hrs. ending at observation time		at O b s e r v a t i o n	24 Hour Amounts ending at observation time				At Obs Time	24 Hour Wind Movement (mi)	Amount of Evap. (in)	4 in depth			8 in depth			
				Max.	Min.		Rain, melted snow, etc. (in)	F l a g	Snow, ice pellets, hail (in)	F l a g				Snow, ice pellets, hail, ice on ground (in)	Ground Cover (see *)	Max.	Min.	Ground Cover (see *)	Max.	Min.
	2002	7	1	85	60	62	0.00		0.0		0									
	2002	7	2	89	62	68	0.00		0.0		0									
	2002	7	3	90	66	67	0.00		0.0		0									
	2002	7	4	91	66	69	0.00		0.0		0									
	2002	7	5	90	59	62	0.00		0.0		0									
	2002	7	6	74	53	55	0.00		0.0		0									
	2002	7	7	76	51	54	0.00		0.0		0									
	2002	7	8	82	54	58	0.00		0.0		0									
	2002	7	9	88	58	64	0.00		0.0		0									
	2002	7	10	76	58	61	0.36		0.0		0									
	2002	7	11	72	44	46	0.00		0.0		0									
	2002	7	12	71	44	46	0.00		0.0		0									
	2002	7	13	79	46	51	0.00		0.0		0									
	2002	7	14	82	51	57	0.00		0.0		0									
	2002	7	15	85	57	62	0.00		0.0		0									
	2002	7	16	86	57	60	0.00		0.0		0									
	2002	7	17	83	57	61	0.00		0.0		0									
	2002	7	18	91	61	65	0.00		0.0		0									
	2002	7	19	89	65	66	0.53		0.0		0									
	2002	7	20	84	62	64	0.02		0.0		0									
	2002	7	21	82	58	59	0.00		0.0		0									
	2002	7	22	88	59	72	0.00		0.0		0									
	2002	7	23	91	70	72	0.00		0.0		0									
	2002	7	24	83	55	56	0.22		0.0		0									
	2002	7	25	76	53	55	0.00		0.0		0									
	2002	7	26	74	55	64	0.00		0.0		0									
	2002	7	27	70	64	66	0.00		0.0		0									
	2002	7	28	86	66	69	0.14		0.0		0									
	2002	7	29	83	68	71	0.17		0.0		0									
	2002	7	30	90	70	73	0.04		0.0		0									
	2002	7	31	86	62	63	0.00		0.0		0									
			Summary	83.0	58.4		1.48		0.0											

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 \*Ground Cover: 1=Grass; 2=Fallow; 3=Bare Ground; 4=Brome grass; 5=Sod; 6=Straw mulch; 7=Grass muck; 8=Bare muck; 0=Unknown  
 "s" This data value failed one of NCDC's quality control tests.  
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P r e l i m i n a r y	Y e a r	M o n t h	D a y	Temperature (°F)			Precipitation(see **)					Evaporation		Soil Temperature (°F)							
				24 hrs. ending at observation time		at O b s e r v a t i o n	24 Hour Amounts ending at observation time				At Obs Time	24 Hour Wind Movement (mi)	Amount of Evap. (in)	4 in depth			8 in depth				
				Max.	Min.		Rain, melted snow, etc. (in)	F l a g	Snow, ice pellets, hail (in)	F l a g				Snow, ice pellets, hail, ice on ground (in)	Ground Cover (see *)	Max.	Min.	Ground Cover (see *)	Max.	Min.	
	2002	8	1	90	65s	63	0.00		0.0		0										
	2002	8	2	92	63	67	0.00		0.0		0										
	2002	8	3	93	65	66	0.32		0.0		0										
	2002	8	4	88	57	58	0.00		0.0		0										
	2002	8	5	92	58	68	0.31		0.0		0										
	2002	8	6	86	59	59	0.00		0.0		0										
	2002	8	7	69	50	52	0.00		0.0		0										
	2002	8	8	74	48	49	0.00		0.0		0										
	2002	8	9	76	47	49	0.00		0.0		0										
	2002	8	10	81	47	51	0.00		0.0		0										
	2002	8	11	88	51	58	0.00		0.0		0										
	2002	8	12	90	58	60	0.00		0.0		0										
	2002	8	13	93	60	65	0.00		0.0		0										
	2002	8	14	92	64	66	0.00		0.0		0										
	2002	8	15	96	66	68	0.01		0.0		0										
	2002	8	16	87	68	69	0.00		0.0		0										
	2002	8	17	92	65	66	0.03		0.0		0										
	2002	8	18	91	66	68	0.00		0.0		0										
	2002	8	19	92	55	56	0.00		0.0		0										
	2002	8	20	85	55	62	0.25		0.0		0										
	2002	8	21	78	50	50	0.00		0.0		0										
	2002	8	22	84	50	64	0.00		0.0		0										
	2002	8	23	83	64	64	0.15		0.0		0										
	2002	8	24	74	64	67	0.05		0.0		0										
	2002	8	25	79	58	59	0.00		0.0		0										
	2002	8	26	81	54	54	0.00		0.0		0										
	2002	8	27	86	54	55	0.00		0.0		0										
	2002	8	28	75	52	52	0.00		0.0		0										
	2002	8	29	73	52	56	0.00		0.0		0										
	2002	8	30	61	54	55	0.00		0.0		0										
	2002	8	31	78	52	53	0.00		0.0		0										
			Summary	83.8	57.1		1.12		0.0												

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P r e l i m i n a r y	Y e a r	M o n t h	D a y	Temperature (°F)			Precipitation(see **)					Evaporation		Soil Temperature (°F)											
				24 hrs. ending at observation time		at O b s e r v a t i o n	24 Hour Amounts ending at observation time				At Obs Time	24 Hour Wind Movement (mi)	Amount of Evap. (in)	4 in depth			8 in depth								
				Max.	Min.		Rain, melted snow, etc. (in)	F l a g	Snow, ice pellets, hail (in)	F l a g				Snow, ice pellets, hail, ice on ground (in)	Ground Cover (see *)	Max.	Min.	Ground Cover (see *)	Max.	Min.					
	2002	9	1	84	52	54	0.00		0.0		0														
	2002	9	2	74	54	54s	T		0.0		0														
	2002	9	3	82	58s	61	0.00		0.0		0														
	2002	9	4	92	58	61	0.00		0.0		0														
	2002	9	5	82	58	60	0.00		0.0		0														
	2002	9	6	76	47	48	0.00		0.0		0														
	2002	9	7	82	48	49	0.00		0.0		0														
	2002	9	8	90	49	51	0.00		0.0		0														
	2002	9	9	93	49	49	0.00		0.0		0														
	2002	9	10	96	49	51	0.00		0.0		0														
	2002	9	11	93	51	61	0.00		0.0		0														
	2002	9	12	69	47	47	0.00		0.0		0														
	2002	9	13	75	43	43	0.00		0.0		0														
	2002	9	14	82	43	52	0.00		0.0		0														
	2002	9	15	82	44	71	0.00		0.0		0														
	2002	9	16	82	44	63	0.73		0.0		0														
	2002	9	17	73	54	55	0.00		0.0		0														
	2002	9	18	79	50	51	0.00		0.0		0														
	2002	9	19	79	51	58	0.00		0.0		0														
	2002	9	20	79	58	67	0.00		0.0		0														
	2002	9	21	84	67	70	0.00		0.0		0														
	2002	9	22	78	59	59	0.05		0.0		0														
	2002	9	23	81	48	48	0.59		0.0		0														
	2002	9	24	68	41	48	0.00		0.0		0														
	2002	9	25	74	42	44	0.00		0.0		0														
	2002	9	26	74	42	51	0.00		0.0		0														
	2002	9	27	64	51	53	0.45		0.0		0														
	2002	9	28	66	53	56	1.02		0.0		0														
	2002	9	29	68	41	41	0.00		0.0		0														
	2002	9	30	72	41	49	0.00		0.0		0														
			Summary	79.1	49.7		2.84		0.0																

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				24 hrs. ending at observation time		at O b s e r v a t i o n	24 Hour Amounts ending at observation time				At Obs Time	24 Hour Wind Movement (mi)	Amount of Evap. (in)	4 in depth			8 in depth										
				Max.	Min.		Rain, melted snow, etc. (in)	F l a g	Snow, ice pellets, hail (in)	F l a g				Snow, ice pellets, hail, ice on ground (in)	Ground Cover (see *)	Max.	Min.	Ground Cover (see *)	Max.	Min.							
	2002	10	1	76	49	58	0.00		0.0		0																
	2002	10	2	82	58	61	0.00		0.0		0																
	2002	10	3	82	58	64	0.13		0.0		0																
	2002	10	4	64	58	63	0.13		0.0		0																
	2002	10	5	71	62	62	0.04		0.0		0																
	2002	10	6	68	42	42	0.00		0.0		0																
	2002	10	7	68	42	58	0.00		0.0		0																
	2002	10	8	63	33	33	0.00		0.0		0																
	2002	10	9	57	33	38	0.00		0.0		0																
	2002	10	10	63	37	46	0.00		0.0		0																
	2002	10	11	62	37	54	0.10		0.0		0																
	2002	10	12	56	54	55			0.0		0																
	2002	10	13	60	55	56	0.05		0.0		0																
	2002	10	14	60	31	31	0.08		0.0		0																
	2002	10	15	51	29	29	0.00		0.0		0																
	2002	10	16	55	29	46	0.70		0.0		0																
	2002	10	17	49	42	45	0.75		0.0		0																
	2002	10	18	51	33	33	0.06		0.0		0																
	2002	10	19	53	33	48	0.00		0.0		0																
	2002	10	20	54	37	39	0.15		0.0		0																
	2002	10	21	53	33	33	0.00		0.0		0																
	2002	10	22	48	30	32	0.00		0.0		0																
	2002	10	23	54	32	37	0.02		0.0		0																
	2002	10	24	46	27	27	0.00		0.0		0																
	2002	10	25	44	27	29	0.00		0.0		0																
	2002	10	26	46	29	46	0.66		0.0		0																
	2002	10	27	55	43	43	0.02		0.0		0																
	2002	10	28	53	35	37	0.00		0.0		0																
	2002	10	29	46	27	28	0.00		0.0		0																
	2002	10	30	40	28	34	0.00		0.0		0																
	2002	10	31	39	23	24	0.01		0.0		0																
			Summary	57.1	38.3		2.90		0.0																		

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				24 hrs. ending at observation time		at O b s e r v a t i o n	24 Hour Amounts ending at observation time				At Obs Time	24 Hour Wind Movement (mi)	Amount of Evap. (in)	4 in depth			8 in depth			
				Max.	Min.		Rain, melted snow, etc. (in)	F l a g	Snow, ice pellets, hail (in)	F l a g	Snow, ice pellets, hail, ice on ground (in)			Ground Cover (see *)	Max.	Min.	Ground Cover (see *)	Max.	Min.	
	2003	6	1	57	45	45	1.53		0.0		0									
	2003	6	2	57	33	38	0.07		0.0		0									
	2003	6	3	69	37	44	0.00		0.0		0									
	2003	6	4	64	44	51	0.12		0.0		0									
	2003	6	5	58	51	56	0.10		0.0		0									
	2003	6	6	67	53	54	0.01		0.0		0									
	2003	6	7	74	53	54	0.08		0.0		0									
	2003	6	8	64	53	58	0.31		0.0		0									
	2003	6	9	76	55	56	0.05		0.0		0									
	2003	6	10	71	47	49	0.00		0.0		0									
	2003	6	11	77	49	64	0.00		0.0		0									
	2003	6	12	76	62	63	0.12		0.0		0									
	2003	6	13	67	63	66	0.38		0.0		0									
	2003	6	14	78	60	63	0.01		0.0		0									
	2003	6	15	78	54	55	0.00		0.0		0									
	2003	6	16	76	43	44	0.00		0.0		0									
	2003	6	17	76	44	58	0.00		0.0		0									
	2003	6	18	74	55	55	0.19		0.0		0									
	2003	6	19	65	55	60	0.02		0.0		0									
	2003	6	20	73	50	50	0.00		0.0		0									
	2003	6	21	64	50	55	1.12		0.0		0									
	2003	6	22	61	50	56	0.33		0.0		0									
	2003	6	23	80	49	54	0.01		0.0		0									
	2003	6	24	85	40	54	0.00		0.0		0									
	2003	6	25	88	50	57	0.00		0.0		0									
	2003	6	26	90	56	63	0.00		0.0		0									
	2003	6	27	89	63	66	0.00		0.0		0									
	2003	6	28	74	50	52	0.00		0.0		0									
	2003	6	29	82	49	58	0.00		0.0		0									
	2003	6	30	82	58	63	0.00		0.0		0									
			Summary	73.1	50.7		4.45		0.0											

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Empty, or blank, cells indicate that a data observation was not reported.

\*Ground Cover: 1=Grass; 2=Fallow; 3=Bare Ground; 4=Brome grass; 5=Sod; 6=Straw mulch; 7=Grass muck; 8=Bare muck; 0=Unknown

"s" This data value failed one of NCDC's quality control tests.

"T" values in the Precipitation category above indicate a TRACE value was recorded.

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Federal Building  
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Asheville, North Carolina 28801  
www.ncdc.noaa.gov

Station: COWANESQUE DAM, PA US

GHCND:USC00361838

Observation Time Temperature: 0730

Observation Time Precipitation: 0730

Elev: 1148 ft. Lat: 41.990° N Lon: 77.157° W

P r e l i m i n a r y	Y e a r	M o n t h	D a y	Temperature (°F)			Precipitation(see **)					Evaporation		Soil Temperature (°F)							
				24 hrs. ending at observation time		at O b s e r v a t i o n	24 Hour Amounts ending at observation time				At Obs Time	24 Hour Wind Movement (mi)	Amount of Evap. (in)	4 in depth			8 in depth				
				Max.	Min.		Rain, melted snow, etc. (in)	F l a g	Snow, ice pellets, hail (in)	F l a g				Snow, ice pellets, hail, ice on ground (in)	Ground Cover (see *)	Max.	Min.	Ground Cover (see *)	Max.	Min.	
	2003	7	1	77	54	54	0.00		0.0		0										
	2003	7	2	83	54	57	0.00		0.0		0										
	2003	7	3	85	57	63	0.00		0.0		0										
	2003	7	4	87	60	65	0.00		0.0		0										
	2003	7	5	88	65	70	0.00		0.0		0										
	2003	7	6	86	64	66	0.17		0.0		0										
	2003	7	7	86	63	64	0.00		0.0		0										
	2003	7	8	82	64	67	0.08		0.0		0										
	2003	7	9	87	63	63	0.01		0.0		0										
	2003	7	10	73	56	57	0.46		0.0		0										
	2003	7	11	74	56	65	0.43		0.0		0										
	2003	7	12	80	58	61	0.01		0.0		0										
	2003	7	13	75	53	56	0.00		0.0		0										
	2003	7	14	77	55	56	0.00		0.0		0										
	2003	7	15	83	56	58	0.00		0.0		0										
	2003	7	16	83	58	67	0.05		0.0		0										
	2003	7	17	79	54	56	0.00		0.0		0										
	2003	7	18	83	56	64	0.26		0.0		0										
	2003	7	19	74	50	50	0.55		0.0		0										
	2003	7	20	76	50	51	0.00		0.0		0										
	2003	7	21	79	51	63	0.08		0.0		0										
	2003	7	22	73	61	61	3.27		0.0		0										
	2003	7	23	74	61	63	0.27		0.0		0										
	2003	7	24	77	60	62	0.47		0.0		0										
	2003	7	25	74	55	55	0.30		0.0		0										
	2003	7	26	82	55	57	0.00		0.0		0										
	2003	7	27	82	57	67	0.05		0.0		0										
	2003	7	28	76	61	62	0.41		0.0		0										
	2003	7	29	74	52	52	0.00		0.0		0										
	2003	7	30	80	52	56	0.00		0.0		0										
	2003	7	31	83	55	58	0.00		0.0		0										
				Summary	79.7	57.0		6.87		0.0											

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"s" This data value failed one of NCDC's quality control tests.

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 Asheville, North Carolina 28801  
 www.ncdc.noaa.gov

Station: COWANESQUE DAM, PA US

GHCND:USC00361838

Observation Time Temperature: 0730 Observation Time Precipitation: 0730

Elev: 1148 ft. Lat: 41.990° N Lon: 77.157° W

P r e l i m i n a r y	Y e a r	M o n t h	D a y	Temperature (°F)			Precipitation(see **)					Evaporation		Soil Temperature (°F)						
				24 hrs. ending at observation time		at O b s e r v a t i o n	24 Hour Amounts ending at observation time				At Obs Time	24 Hour Wind Movement (mi)	Amount of Evap. (in)	4 in depth			8 in depth			
				Max.	Min.		Rain, melted snow, etc. (in)	F l a g	Snow, ice pellets, hail (in)	F l a g				Snow, ice pellets, hail, ice on ground (in)	Ground Cover (see *)	Max.	Min.	Ground Cover (see *)	Max.	Min.
	2003	8	1	80	57	64	1.35		0.0		0									
	2003	8	2	80	57	65	0.01		0.0		0									
	2003	8	3	84	57	66	0.03		0.0		0									
	2003	8	4	84	65	68	0.00		0.0		0									
	2003	8	5	84	65	65	0.00		0.0		0									
	2003	8	6	78	63	64	2.05		0.0		0									
	2003	8	7	78	61	61	0.04		0.0		0									
	2003	8	8	84	61	64	0.00		0.0		0									
	2003	8	9	84	61	67	0.19		0.0		0									
	2003	8	10	80	64	64	1.10		0.0		0									
	2003	8	11	81	64	67	0.00		0.0		0									
	2003	8	12	75	67	67	0.06		0.0		0									
	2003	8	13	83	67	68	0.00		0.0		0									
	2003	8	14	85	65	65	0.00		0.0		0									
	2003	8	15	86	64	64	0.00		0.0		0									
	2003	8	16	86	64	67	0.00		0.0		0									
	2003	8	17	84	63	64	0.22		0.0		0									
	2003	8	18	76	53	53	0.00		0.0		0									
	2003	8	19	78	53	56	0.00		0.0		0									
	2003	8	20	82	56	57	0.00		0.0		0									
	2003	8	21	85	56	61	0.00		0.0		0									
	2003	8	22	86	56	70	0.00		0.0		0									
	2003	8	23	85	53	53	0.00		0.0		0									
	2003	8	24	74	46	47	0.00		0.0		0									
	2003	8	25	75	47	57	0.00		0.0		0									
	2003	8	26	84	57	62	0.00		0.0		0									
	2003	8	27	80	62	64	0.03		0.0		0									
	2003	8	28	84	50	50	0.00		0.0		0									
	2003	8	29	76	50	59	0.00		0.0		0									
	2003	8	30	86	59	65	0.36		0.0		0									
	2003	8	31	71	49	49	0.02		0.0		0									
			Summary	81.2	58.5		5.46		0.0											

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www.ncdc.noaa.gov

Station: **COWANESQUE DAM, PA US**

GHCND:USC00361838

Observation Time Temperature: 0730 Observation Time Precipitation: 0730

Elev: 1148 ft. Lat: 41.990° N Lon: 77.157° W

P r e l i m i n a r y	Y e a r	M o n t h	D a y	Temperature (°F)			Precipitation(see **)					Evaporation		Soil Temperature (°F)						
				24 hrs. ending at observation time		at O b s e r v a t i o n	24 Hour Amounts ending at observation time				At Obs Time	24 Hour Wind Movement (mi)	Amount of Evap. (in)	4 in depth			8 in depth			
				Max.	Min.		Rain, melted snow, etc. (in)	F l a g	Snow, ice pellets, hail (in)	F l a g				Snow, ice pellets, hail, ice on ground (in)	Ground Cover (see *)	Max.	Min.	Ground Cover (see *)	Max.	Min.
	2003	9	1	72	49	55	0.23		0.0		0									
	2003	9	2	62	55	60	2.39		0.0		0									
	2003	9	3	63	59	60	0.05		0.0		0									
	2003	9	4	71	60	61	0.52		0.0		0									
	2003	9	5	78	53	55	0.00		0.0		0									
	2003	9	6	65	48	48	0.00		0.0		0									
	2003	9	7	74	48	49	0.00		0.0		0									
	2003	9	8	78	49	59	0.00		0.0		0									
	2003	9	9	69	52	53	0.00		0.0		0									
	2003	9	10	71	52	52	0.00		0.0		0									
	2003	9	11	76	50	51	0.00		0.0		0									
	2003	9	12	77	50	56	0.00		0.0		0									
	2003	9	13	73	56	58	0.00		0.0		0									
	2003	9	14	71	58	66	0.15		0.0		0									
	2003	9	15	79	62	65	0.00		0.0		0									
	2003	9	16	78	52	53	0.62		0.0		0									
	2003	9	17	73	48	48	0.00		0.0		0									
	2003	9	18	74	48	52	0.00		0.0		0									
	2003	9	19	74	48	67	0.07		0.0		0									
	2003	9	20	69	58	58	0.17		0.0		0									
	2003	9	21	71	47	47	0.00		0.0		0									
	2003	9	22	71	47	58	0.00		0.0		0									
	2003	9	23	69	58	59	0.60		0.0		0									
	2003	9	24	69	46	46	0.03		0.0		0									
	2003	9	25	71	46	56	0.00		0.0		0									
	2003	9	26	67	45	45	0.28		0.0		0									
	2003	9	27	69	44	66	0.00		0.0		0									
	2003	9	28	73	50	50	0.83		0.0		0									
	2003	9	29	67	45	46	0.00		0.0		0									
	2003	9	30	60	39	40	0.04		0.0		0									
Summary				71.1	50.7		5.98		0.0											

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Station: **COWANESQUE DAM, PA US**

GHCND:USC00361838

Observation Time Temperature: 0730 Observation Time Precipitation: 0730

Elev: 1148 ft. Lat: 41.990° N Lon: 77.157° W

P r e l i m i n a r y	Y e a r	M o n t h	D a y	Temperature (°F)			Precipitation(see **)					Evaporation		Soil Temperature (°F)						
				24 hrs. ending at observation time		at O b s e r v a t i o n	24 Hour Amounts ending at observation time				At Obs Time	24 Hour Wind Movement (mi)	Amount of Evap. (in)	4 in depth			8 in depth			
				Max.	Min.		Rain, melted snow, etc. (in)	F l a g	Snow, ice pellets, hail (in)	F l a g				Snow, ice pellets, hail, ice on ground (in)	Ground Cover (see *)	Max.	Min.	Ground Cover (see *)	Max.	Min.
	2003	10	1	60	40	43	0.03		0.0		0									
	2003	10	2	56	38	39	0.05		T		0									
	2003	10	3	48	30	31	0.01		0.0		0									
	2003	10	4	55	31	46	0.01		0.0		0									
	2003	10	5	49	35	38	0.32		0.0		0									
	2003	10	6	51	32	32	0.00		0.0		0									
	2003	10	7	55	31	32	0.00		0.0		0									
	2003	10	8	65	32	37	0.00		0.0		0									
	2003	10	9	75	37	46	0.00		0.0		0									
	2003	10	10	78	46	51	0.00		0.0		0									
	2003	10	11	75	46	46	0.00		0.0		0									
	2003	10	12	75	43	43	0.00		0.0		0									
	2003	10	13	75	40	41	0.00		0.0		0									
	2003	10	14	68	40	40	0.00		0.0		0									
	2003	10	15	61	40	48	0.58		0.0		0									
	2003	10	16	54	39	41	0.05		0.0		0									
	2003	10	17	55	31	32	0.00		0.0		0									
	2003	10	18	53	31	31	0.00		0.0		0									
	2003	10	19	52	31	44	0.01		0.0		0									
	2003	10	20	48	35	36	0.00		0.0		0									
	2003	10	21	63	35	57	0.00		0.0		0									
	2003	10	22	69	41	41	0.02		0.0		0									
	2003	10	23	41	33	33	0.12		0.0		0									
	2003	10	24	37	30	33	0.00		0.0		0									
	2003	10	25	49	29	41	0.00		0.0		0									
	2003	10	26	59	41	52	0.00		0.0		0									
	2003	10	27	68	45	45	0.67		0.0		0									
	2003	10	28	47	32	33	0.72		0.0		0									
	2003	10	29	53	32	42	0.13		0.0		0									
	2003	10	30	49	39	39	0.27		0.0		0									
	2003	10	31	58	38	43	0.00		0.0		0									
			Summary	58.1	36.2		2.99		0.0											

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Station: **COWANESQUE DAM, PA US**

GHCND:USC00361838

Observation Time Temperature: 0730 Observation Time Precipitation: 0730

Elev: 1148 ft. Lat: 41.990° N Lon: 77.157° W

P r e l i m i n a r y	Y e a r	M o n t h	D a y	Temperature (°F)			Precipitation(see **)					Evaporation		Soil Temperature (°F)										
				24 hrs. ending at observation time		at O b s e r v a t i o n	24 Hour Amounts ending at observation time				At Obs Time	24 Hour Wind Movement (mi)	Amount of Evap. (in)	4 in depth			8 in depth							
				Max.	Min.		Rain, melted snow, etc. (in)	F l a g	Snow, ice pellets, hail (in)	F l a g				Snow, ice pellets, hail, ice on ground (in)	Ground Cover (see *)	Max.	Min.	Ground Cover (see *)	Max.	Min.				
	2005	6	1	74	44	50	0.00		0.0		0													
	2005	6	2	81	50	52	0.00		0.0		0													
	2005	6	3	80	52	59	0.00		0.0		0													
	2005	6	4	64	57	59	0.11		0.0		0													
	2005	6	5	71	57	58	0.00		0.0		0													
	2005	6	6	88	58	64	0.00		0.0		0													
	2005	6	7	85	57	59	0.58		0.0		0													
	2005	6	8	86	59	59	0.00		0.0		0													
	2005	6	9	89	59	63	0.00		0.0		0													
	2005	6	10	89	63	69	0.00		0.0		0													
	2005	6	11	88	66	67	0.76		0.0		0													
	2005	6	12	87	67	70	0.51		0.0		0													
	2005	6	13	88	67	67	0.00		0.0		0													
	2005	6	14	90	67	72	0.21		0.0		0													
	2005	6	15	87	64	66	0.08		0.0		0													
	2005	6	16	76	59	62	0.40		0.0		0													
	2005	6	17	66	50	54	0.11		0.0		0													
	2005	6	18	68	54	56	0.26		0.0		0													
	2005	6	19	65	53	55	0.02		0.0		0													
	2005	6	20	69	49	51	0.00		0.0		0													
	2005	6	21	79	51	55	0.00		0.0		0													
	2005	6	22	82	55	59	0.00		0.0		0													
	2005	6	23	73	44	45	0.00		0.0		0													
	2005	6	24	78	45	54	0.00		0.0		0													
	2005	6	25	87	54	59	0.00		0.0		0													
	2005	6	26	90	59	66	0.00		0.0		0													
	2005	6	27	89	65	66	0.00		0.0		0													
	2005	6	28	91	66	66	0.02		0.0		0													
	2005	6	29	91	66	66	0.29		0.0		0													
	2005	6	30	86	65	66	0.13		0.0		0													
			Summary	81.2	57.4		3.48		0.0															

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Station: **COWANESQUE DAM, PA US**

GHCND:USC00361838

Observation Time Temperature: 0730 Observation Time Precipitation: 0730

Elev: 1148 ft. Lat: 41.990° N Lon: 77.157° W

P r e l i m i n a r y	Y e a r	M o n t h	D a y	Temperature (°F)			Precipitation(see **)					Evaporation		Soil Temperature (°F)													
				24 hrs. ending at observation time		at O b s e r v a t i o n	24 Hour Amounts ending at observation time				At Obs Time	24 Hour Wind Movement (mi)	Amount of Evap. (in)	4 in depth			8 in depth										
				Max.	Min.		Rain, melted snow, etc. (in)	F l a g	Snow, ice pellets, hail (in)	F l a g				Snow, ice pellets, hail, ice on ground (in)	Ground Cover (see *)	Max.	Min.	Ground Cover (see *)	Max.	Min.							
	2005	7	1	85	64	65	0.00		0.0		0																
	2005	7	2	81	58	59	0.04		0.0		0																
	2005	7	3	72	47	47	0.00		0.0		0																
	2005	7	4	80	47	60	0.00		0.0		0																
	2005	7	5	87	60	69	0.00		0.0		0																
	2005	7	6	83	66	68	0.79		0.0		0																
	2005	7	7	73	59	60	0.02		0.0		0																
	2005	7	8	78	60	65	0.24		0.0		0																
	2005	7	9	68	58	59	0.32		0.0		0																
	2005	7	10	78	54	56	0.03		0.0		0																
	2005	7	11	85	53	54	0.00		0.0		0																
	2005	7	12	88	53	65	0.00		0.0		0																
	2005	7	13	91	65	67	0.00		0.0		0																
	2005	7	14	89	65	67	0.00		0.0		0																
	2005	7	15	84	64	68	0.00		0.0		0																
	2005	7	16	87	59	71	0.00		0.0		0																
	2005	7	17	85	71	74	0.00		0.0		0																
	2005	7	18	88	71	71	0.07		0.0		0																
	2005	7	19	88	70	71	0.16		0.0		0																
	2005	7	20	89	55	62	0.00		0.0		0																
	2005	7	21	86	58	59	0.00		0.0		0																
	2005	7	22	85	59	66	0.00		0.0		0																
	2005	7	23	82	58	60	0.02		0.0		0																
	2005	7	24	80	53	55	0.00		0.0		0																
	2005	7	25	83	55	69	0.04		0.0		0																
	2005	7	26	91	59	60	0.00		0.0		0																
	2005	7	27	93	59	69	0.10		0.0		0																
	2005	7	28	83	56	58	0.08		0.0		0																
	2005	7	29	78	55	55	0.00		0.0		0																
	2005	7	30	84	47	56	0.00		0.0		0																
	2005	7	31	86	56	59	0.00		0.0		0																
			Summary	83.5	58.5		1.91		0.0																		

The \*\* flags in Preliminary indicate the data have not completed processing and quality control and may not be identical to the original observation  
 Empty, or blank, cells indicate that a data observation was not reported.  
 \*Ground Cover: 1=Grass; 2=Fallow; 3=Bare Ground; 4=Brome grass; 5=Sod; 6=Straw mulch; 7=Grass muck; 8=Bare muck; 0=Unknown  
 "s" This data value failed one of NCDC's quality control tests.  
 "T" values in the Precipitation category above indicate a TRACE value was recorded.  
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 Federal Building  
 151 Patton Avenue  
 Asheville, North Carolina 28801  
 www.ncdc.noaa.gov

Station: **COWANESQUE DAM, PA US**

Observation Time Temperature: 0730 Observation Time Precipitation: 0730

GHCND:USC00361838  
 Elev: 1148 ft. Lat: 41.990° N Lon: 77.157° W

P r e l i m i n a r y	Y e a r	M o n t h	D a y	Temperature (°F)			Precipitation(see **)					Evaporation		Soil Temperature (°F)												
				24 hrs. ending at observation time		at O b s e r v a t i o n	24 Hour Amounts ending at observation time				At Obs Time	24 Hour Wind Movement (mi)	Amount of Evap. (in)	4 in depth			8 in depth									
				Max.	Min.		Rain, melted snow, etc. (in)	F l a g	Snow, ice pellets, hail (in)	F l a g				Snow, ice pellets, hail, ice on ground (in)	Ground Cover (see *)	Max.	Min.	Ground Cover (see *)	Max.	Min.						
	2005	8	1	82	58	62	0.16		0.0		0															
	2005	8	2	90	62	67	0.00		0.0		0															
	2005	8	3	92	65	66	0.20		0.0		0															
	2005	8	4	92	61	62	0.00		0.0		0															
	2005	8	5	93	62	71	0.00		0.0		0															
	2005	8	6	87	57	58	0.00		0.0		0															
	2005	8	7	86	56	57	0.00		0.0		0															
	2005	8	8	89	57	65	0.00		0.0		0															
	2005	8	9	83	63	63	0.26		0.0		0															
	2005	8	10	87	62	63	0.00		0.0		0															
	2005	8	11	91	63	70	0.00		0.0		0															
	2005	8	12	88	57	65	0.00		0.0		0															
	2005	8	13	93	64	69	0.36		0.0		0															
	2005	8	14	89	69	69	0.58		0.0		0															
	2005	8	15	86	60	60	0.39		0.0		0															
	2005	8	16	80	60	60	0.00		0.0		0															
	2005	8	17	82	54	55	0.00		0.0		0															
	2005	8	18	82	51	53	0.00		0.0		0															
	2005	8	19	82	53	69	0.01		0.0		0															
	2005	8	20	72	65	67	0.12		0.0		0															
	2005	8	21	88	66	68	0.01		0.0		0															
	2005	8	22	85	52	52	0.00		0.0		0															
	2005	8	23	72	51	53	0.00		0.0		0															
	2005	8	24	73	48	49	0.00		0.0		0															
	2005	8	25	77	48	48	0.00		0.0		0															
	2005	8	26	81	48	54	0.00		0.0		0															
	2005	8	27	80	53	54	0.00		0.0		0															
	2005	8	28	80	54	64	0.04		0.0		0															
	2005	8	29	81	62	63	0.00		0.0		0															
	2005	8	30	80	63	65	1.97		0.0		0															
	2005	8	31	76	65	71	2.10		0.0		0															
				Summary	83.8	58.4		6.20		0.0																

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 \*Ground Cover: 1=Grass; 2=Fallow; 3=Bare Ground; 4=Brome grass; 5=Sod; 6=Straw mulch; 7=Grass muck; 8=Bare muck; 0=Unknown  
 "s" This data value failed one of NCDC's quality control tests.  
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 www.ncdc.noaa.gov

Station: **COWANESQUE DAM, PA US**

GHCND:USC00361838

Observation Time Temperature: 0730 Observation Time Precipitation: 0730

Elev: 1148 ft. Lat: 41.990° N Lon: 77.157° W

P r e l i m i n a r y	Y e a r	M o n t h	D a y	Temperature (°F)			Precipitation(see **)					Evaporation		Soil Temperature (°F)							
				24 hrs. ending at observation time		at O b s e r v a t i o n	24 Hour Amounts ending at observation time				At Obs Time	24 Hour Wind Movement (mi)	Amount of Evap. (in)	4 in depth			8 in depth				
				Max.	Min.		Rain, melted snow, etc. (in)	F l a g	Snow, ice pellets, hail (in)	F l a g				Snow, ice pellets, hail, ice on ground (in)	Ground Cover (see *)	Max.	Min.	Ground Cover (see *)	Max.	Min.	
	2005	9	1	75	58	58	0.60		0.0		0										
	2005	9	2	78	57	57	0.00		0.0		0										
	2005	9	3	81	53	53	0.00		0.0		0										
	2005	9	4	76	53	55	0.00		0.0		0										
	2005	9	5	74	50	50	0.00		0.0		0										
	2005	9	6	77	50	51	0.00		0.0		0										
	2005	9	7	79	50	52	0.00		0.0		0										
	2005	9	8	80	49	50	0.00		0.0		0										
	2005	9	9	78	50	60	0.00		0.0		0										
	2005	9	10	77	50	50	0.00		0.0		0										
	2005	9	11	74	46	47	0.00		0.0		0										
	2005	9	12	77	46	50	0.00		0.0		0										
	2005	9	13	85	50	55	0.00		0.0		0										
	2005	9	14	84	55	56	0.00		0.0		0										
	2005	9	15	84	55	67	0.00		0.0		0										
	2005	9	16	79	63	63	0.00		0.0		0										
	2005	9	17	80	63	64	0.02		0.0		0										
	2005	9	18	70	56	56	0.00		0.0		0										
	2005	9	19	78	54	55	0.00		0.0		0										
	2005	9	20	78	54	63	0.12		0.0		0										
	2005	9	21	79	51	52	0.00		0.0		0										
	2005	9	22	80	50	51	0.00		0.0		0										
	2005	9	23	81	50	63	0.00		0.0		0										
	2005	9	24	66	45	45	0.08		0.0		0										
	2005	9	25	72	45	62	0.02		0.0		0										
	2005	9	26	69	62	66	0.03		0.0		0										
	2005	9	27	68	51	51	0.85		0.0		0										
	2005	9	28	66	43	43	0.00		0.0		0										
	2005	9	29	70	43	64	0.02		0.0		0										
	2005	9	30	65	39	40	0.51		0.0		0										
			Summary	76.0	51.4		2.25		0.0												

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\*Ground Cover: 1=Grass; 2=Fallow; 3=Bare Ground; 4=Brome grass; 5=Sod; 6=Straw mulch; 7=Grass muck; 8=Bare muck; 0=Unknown

"s" This data value failed one of NCDC's quality control tests.

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Station: **COWANESQUE DAM, PA US**

GHCND:USC00361838

Observation Time Temperature: 0730 Observation Time Precipitation: 0730

Elev: 1148 ft. Lat: 41.990° N Lon: 77.157° W

P r e l i m i n a r y	Y e a r	M o n t h	D a y	Temperature (°F)			Precipitation(see **)					Evaporation		Soil Temperature (°F)								
				24 hrs. ending at observation time		at O b s e r v a t i o n	24 Hour Amounts ending at observation time				At Obs Time	24 Hour Wind Movement (mi)	Amount of Evap. (in)	4 in depth			8 in depth					
				Max.	Min.		Rain, melted snow, etc. (in)	F l a g	Snow, ice pellets, hail (in)	F l a g				Snow, ice pellets, hail, ice on ground (in)	Ground Cover (see *)	Max.	Min.	Ground Cover (see *)	Max.	Min.		
	2005	10	1	65	39	42	0.00		0.0		0											
	2005	10	2	74	42	48	0.00		0.0		0											
	2005	10	3	79	42	52	0.00		0.0		0											
	2005	10	4	79	50	50	0.00		0.0		0											
	2005	10	5	78	50	55	0.00		0.0		0											
	2005	10	6	77	53	53	0.00		0.0		0											
	2005	10	7	75	53	66	0.00		0.0		0											
	2005	10	8	67	48	48	2.04		0.0		0											
	2005	10	9	48	44	45	0.15		0.0		0											
	2005	10	10	50	45	48	0.03		0.0		0											
	2005	10	11	58	47	53	0.00		0.0		0											
	2005	10	12	58	53	54	0.03		0.0		0											
	2005	10	13	60	50	50	0.02		0.0		0											
	2005	10	14	56	50	54	0.40		0.0		0											
	2005	10	15	60	49	49	0.09		0.0		0											
	2005	10	16	65	48	50	0.00		0.0		0											
	2005	10	17	56	47	47	0.00		0.0		0											
	2005	10	18	60	44	45	0.08		0.0		0											
	2005	10	19	64	38	39	0.00		0.0		0											
	2005	10	20	70	35	35	0.00		0.0		0											
	2005	10	21	56	35	35	0.00		0.0		0											
	2005	10	22	56	35	44	0.43		0.0		0											
	2005	10	23	44	35	40	0.57		0.0		0											
	2005	10	24	47	36	36	0.03		0.0		0											
	2005	10	25	41	36	38	0.77		0.0		0											
	2005	10	26	41	36	38	0.72		0.0		0											
	2005	10	27	46	37	37	0.04		0.0		0											
	2005	10	28	41	28	28	0.00		0.0		0											
	2005	10	29	47	28	34	0.00		0.0		0											
	2005	10	30	49	31	32	0.00		0.0		0											
	2005	10	31	62	30	31	0.00		0.0		0											
			Summary	59.0	41.7		5.40		0.0													

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Station: **COWANESQUE DAM, PA US**

GHCND:USC00361838

Observation Time Temperature: 0730 Observation Time Precipitation: 0730

Elev: 1148 ft. Lat: 41.990° N Lon: 77.157° W

P r e l i m i n a r y	Y e a r	M o n t h	D a y	Temperature (°F)			Precipitation(see **)					Evaporation		Soil Temperature (°F)						
				24 hrs. ending at observation time		at O b s e r v a t i o n	24 Hour Amounts ending at observation time				At Obs Time	24 Hour Wind Movement (mi)	Amount of Evap. (in)	4 in depth			8 in depth			
				Max.	Min.		Rain, melted snow, etc. (in)	F l a g	Snow, ice pellets, hail (in)	F l a g				Snow, ice pellets, hail, ice on ground (in)	Ground Cover (see *)	Max.	Min.	Ground Cover (see *)	Max.	Min.
	2008	6	1	80	52	54	0.11		0.0		0									
	2008	6	2	68	46	46	0.00		0.0		0									
	2008	6	3	77	46	51	0.00		0.0		0									
	2008	6	4	77	51	60	0.10		0.0		0									
	2008	6	5	77	51	63	0.00		0.0		0									
	2008	6	6	81	63	71	0.00		0.0		0									
	2008	6	7	91	64	64	0.00		0.0		0									
	2008	6	8	74	56	58	0.00		0.0		0									
	2008	6	9	75	56	58	0.20		0.0		0									
	2008	6	10	74	54	56	0.00		0.0		0									
	2008	6	11	74	48	49	0.09		0.0		0									
	2008	6	12	72	49	54	0.00		0.0		0									
	2008	6	13	79	53	55	0.00		0.0		0									
	2008	6	14	88	55	68	0.01		0.0		0									
	2008	6	15	81	59	60	0.03		0.0		0									
	2008	6	16	83	60	61	0.79		0.0		0									
	2008	6	17	78	51	54	0.32		0.0		0									
	2008	6	18	78	51	53	0.12		0.0		0									
	2008	6	19	59	48	49	0.44		0.0		0									
	2008	6	20	67	48	55	0.02		0.0		0									
	2008	6	21	73	51	51	0.05		0.0		0									
	2008	6	22	79	51	58	0.37		0.0		0									
	2008	6	23	78	57	60	0.63		0.0		0									
	2008	6	24	79	54	56	0.00		0.0		0									
	2008	6	25	74	50	52	0.00		0.0		0									
	2008	6	26	80	50	63	0.08		0.0		0									
	2008	6	27	81	63	66	0.00		0.0		0									
	2008	6	28	84	64	64	0.01		0.0		0									
	2008	6	29	84	64	65	0.00		0.0		0									
	2008	6	30	81	58	59	0.02		0.0		0									
			Summary	77.5	54.1		3.39		0.0											

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## Record of Climatological Observations

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Station: **COWANESQUE DAM, PA US**

GHCND:USC00361838

Observation Time Temperature: 0730 Observation Time Precipitation: 0730

Elev: 1148 ft. Lat: 41.990° N Lon: 77.157° W

P r e l i m i n a r y	Year	Month	Day	Temperature (°F)			Precipitation(see **)					Evaporation		Soil Temperature (°F)												
				24 hrs. ending at observation time		at O b s e r v a t i o n	24 Hour Amounts ending at observation time				At Obs Time	24 Hour Wind Movement (mi)	Amount of Evap. (in)	4 in depth			8 in depth									
				Max.	Min.		Rain, melted snow, etc. (in)	F l a g	Snow, ice pellets, hail (in)	F l a g	Snow, ice pellets, hail, ice on ground (in)			Ground Cover (see *)	Max.	Min.	Ground Cover (see *)	Max.	Min.							
	2008	7	1	78	57	58	0.14		0.0		0															
	2008	7	2	75	49	52	0.00		0.0		0															
	2008	7	3	80	51	67	0.00		0.0		0															
	2008	7	4	76	55	56	0.15		0.0		0															
	2008	7	5	75	53	54	0.00		0.0		0															
	2008	7	6	79	53	55	0.00		0.0		0															
	2008	7	7	84	55	64	0.00		0.0		0															
	2008	7	8	87	64	66	0.00		0.0		0															
	2008	7	9	87	66	69	0.00		0.0		0															
	2008	7	10	87	56	57	0.14		0.0		0															
	2008	7	11	78	53	55	0.00		0.0		0															
	2008	7	12	79	55	63	0.10		0.0		0															
	2008	7	13	88	63	72	0.00		0.0		0															
	2008	7	14	76	57	57	0.96		0.0		0															
	2008	7	15	79	53	53	0.00		0.0		0															
	2008	7	16	81	53	55	0.00		0.0		0															
	2008	7	17	88	55	61	0.00		0.0		0															
	2008	7	18	88	55	65	0.00		0.0		0															
	2008	7	19	90	55	65	0.00		0.0		0															
	2008	7	20	88	65	69	0.00		0.0		0															
	2008	7	21	88	65	66	0.25		0.0		0															
	2008	7	22	85	64	64	0.18		0.0		0															
	2008	7	23	79	64	64	0.06		0.0		0															
	2008	7	24	79	62	63	0.14		0.0		0															
	2008	7	25	79	53	53	0.23		0.0		0															
	2008	7	26	80	53	58	0.00		0.0		0															
	2008	7	27	83	53	64	0.00		0.0		0															
	2008	7	28	79	56	58	0.00		0.0		0															
	2008	7	29	84	57	58	0.00		0.0		0															
	2008	7	30	84	56	58	0.00		0.0		0															
	2008	7	31	84	56	63	0.05		0.0		0															
				Summary	82.2	56.8		2.40		0.0																

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 Empty, or blank, cells indicate that a data observation was not reported.  
 \*Ground Cover: 1=Grass; 2=Fallow; 3=Bare Ground; 4=Brome grass; 5=Sod; 6=Straw mulch; 7=Grass muck; 8=Bare muck; 0=Unknown  
 "s" This data value failed one of NCDC's quality control tests.  
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Station: **COWANESQUE DAM, PA US**

GHCND:USC00361838

Observation Time Temperature: 0730 Observation Time Precipitation: 0730

Elev: 1148 ft. Lat: 41.990° N Lon: 77.157° W

P r e l i m i n a r y	Y e a r	M o n t h	D a y	Temperature (°F)			Precipitation(see **)					Evaporation		Soil Temperature (°F)												
				24 hrs. ending at observation time		at O b s e r v a t i o n	24 Hour Amounts ending at observation time				At Obs Time	24 Hour Wind Movement (mi)	Amount of Evap. (in)	4 in depth			8 in depth									
				Max.	Min.		Rain, melted snow, etc. (in)	F l a g	Snow, ice pellets, hail (in)	F l a g				Snow, ice pellets, hail, ice on ground (in)	Ground Cover (see *)	Max.	Min.	Ground Cover (see *)	Max.	Min.						
	2008	8	1	85	59	60	0.00		0.0		0															
	2008	8	2	84	60	62	0.00		0.0		0															
	2008	8	3	79	58	61	0.35		0.0		0															
	2008	8	4	75	55	56	0.00		0.0		0															
	2008	8	5	81	56	59	0.00		0.0		0															
	2008	8	6	82	56	65	1.00		0.0		0															
	2008	8	7	82	56	57	0.00		0.0		0															
	2008	8	8	82	55	56	0.01		0.0		0															
	2008	8	9	82	52	55	0.20		0.0		0															
	2008	8	10	82	52	58	0.40		0.0		0															
	2008	8	11	75	53	54	0.12		0.0		0															
	2008	8	12	69	54	57	0.01		0.0		0															
	2008	8	13	73	57	57	0.01		0.0		0															
	2008	8	14	77	54	58	0.01		0.0		0															
	2008	8	15	77	54	55	0.14		0.0		0															
	2008	8	16	77	51	52	0.00		0.0		0															
	2008	8	17	77	51	53	0.00		0.0		0															
	2008	8	18	81	52	57	0.00		0.0		0															
	2008	8	19	84	57	62	0.25		0.0		0															
	2008	8	20	69	46	46	0.01		0.0		0															
	2008	8	21	73	46	50	0.00		0.0		0															
	2008	8	22	83	50	53	0.00		0.0		0															
	2008	8	23	86	53	59	0.00		0.0		0															
	2008	8	24	83	56	58	0.00		0.0		0															
	2008	8	25	87	58	65	0.03		0.0		0															
	2008	8	26	88	47	47	0.00		0.0		0															
	2008	8	27	88	45	46	0.00		0.0		0															
	2008	8	28	88	46	58	0.00		0.0		0															
	2008	8	29	63	55	58	0.55		0.0		0															
	2008	8	30	68	55	63	0.01		0.0		0															
	2008	8	31	79	48	48	0.00		0.0		0															
			Summary	79.3	53.1		3.10		0.0																	

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www.ncdc.noaa.gov

Station: **COWANESQUE DAM, PA US**

GHCND:USC00361838

Observation Time Temperature: 0730

Observation Time Precipitation: 0730

Elev: 1148 ft. Lat: 41.990° N Lon: 77.157° W

P r e l i m i n a r y	Y e a r	M o n t h	D a y	Temperature (°F)			Precipitation(see **)					Evaporation		Soil Temperature (°F)								
				24 hrs. ending at observation time		at O b s e r v a t i o n	24 Hour Amounts ending at observation time				At Obs Time	24 Hour Wind Movement (mi)	Amount of Evap. (in)	4 in depth			8 in depth					
				Max.	Min.		Rain, melted snow, etc. (in)	F l a g	Snow, ice pellets, hail (in)	F l a g				Snow, ice pellets, hail, ice on ground (in)	Ground Cover (see *)	Max.	Min.	Ground Cover (see *)	Max.	Min.		
	2008	9	1	78	48	51	0.00		0.0		0											
	2008	9	2	80	50	51	0.00		0.0		0											
	2008	9	3	84	51	54	0.00		0.0		0											
	2008	9	4	84	53	59	0.00		0.0		0											
	2008	9	5	88	59	68	0.00		0.0		0											
	2008	9	6	88	64	65	0.11		0.0		0											
	2008	9	7	88	52	53	0.01		0.0		0											
	2008	9	8	77	50	51	0.00		0.0		0											
	2008	9	9	79	50	60	0.01		0.0		0											
	2008	9	10	69	46	46	0.01		0.0		0											
	2008	9	11	69	43	44	0.00		0.0		0											
	2008	9	12	72	44	64	0.00		0.0		0											
	2008	9	13	69	63	64	0.06		0.0		0											
	2008	9	14	75	64	67	0.24		0.0		0											
	2008	9	15	85	43	64	0.00		0.0		0											
	2008	9	16	72	50	52	0.00		0.0		0											
	2008	9	17	68	43	43	0.00		0.0		0											
	2008	9	18	76	43	50	0.00		0.0		0											
	2008	9	19	76	39	39	0.00		0.0		0											
	2008	9	20	76	38	45	0.00		0.0		0											
	2008	9	21	74	45	49	0.00		0.0		0											
	2008	9	22	79	48	52	0.00		0.0		0											
	2008	9	23	71	40	40	0.00		0.0		0											
	2008	9	24	73	40	42	0.00		0.0		0											
	2008	9	25	78	42	47	0.00		0.0		0											
	2008	9	26	73	46	48	0.00		0.0		0											
	2008	9	27	63	48	59	0.57		0.0		0											
	2008	9	28	72	59	64	0.51		0.0		0											
	2008	9	29	66	55	55	1.20		0.0		0											
	2008	9	30	63	52	55	0.00		0.0		0											
			Summary	75.5	48.9		2.72		0.0													

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Station: **COWANESQUE DAM, PA US**

GHCND:USC00361838

Observation Time Temperature: 0730 Observation Time Precipitation: 0730

Elev: 1148 ft. Lat: 41.990° N Lon: 77.157° W

P r e l i m i n a r y	Y e a r	M o n t h	D a y	Temperature (°F)			Precipitation(see **)					Evaporation		Soil Temperature (°F)											
				24 hrs. ending at observation time		at O b s e r v a t i o n	24 Hour Amounts ending at observation time				At Obs Time	24 Hour Wind Movement (mi)	Amount of Evap. (in)	4 in depth			8 in depth								
				Max.	Min.		Rain, melted snow, etc. (in)	F l a g	Snow, ice pellets, hail (in)	F l a g				Snow, ice pellets, hail, ice on ground (in)	Ground Cover (see *)	Max.	Min.	Ground Cover (see *)	Max.	Min.					
	2008	10	1	62	50	50	0.05		0.0		0														
	2008	10	2	62	43	43	0.09		0.0		0														
	2008	10	3	56	42	45	0.14		0.0		0														
	2008	10	4	56	32	32	0.07		0.0		0														
	2008	10	5	60	32	37	0.00		0.0		0														
	2008	10	6	58	37	44	0.00		0.0		0														
	2008	10	7	62	31	32	0.00		0.0		0														
	2008	10	8	62	31	34	0.00		0.0		0														
	2008	10	9	65	31	50	0.00		0.0		0														
	2008	10	10	74	40	40	0.00		0.0		0														
	2008	10	11	74	36	36	0.00		0.0		0														
	2008	10	12	76	36	42	0.00		0.0		0														
	2008	10	13	76	39	44	0.00		0.0		0														
	2008	10	14	78	40	44	0.00		0.0		0														
	2008	10	15	78	40	45	0.00		0.0		0														
	2008	10	16	78	40	63	0.02		0.0		0														
	2008	10	17	63	46	46	0.11		0.0		0														
	2008	10	18	63	30	30	0.00		0.0		0														
	2008	10	19	50	30	30	0.00		0.0		0														
	2008	10	20	63	25	26	0.00		0.0		0														
	2008	10	21	65	25	43	0.03		0.0		0														
	2008	10	22	47	26	36	0.03		0.0		0														
	2008	10	23	42	29	29	0.01		0.0		0														
	2008	10	24	53	27	28	0.00		0.0		0														
	2008	10	25	53	27	53	0.21		0.0		0														
	2008	10	26	58	35	35	0.88		0.0		0														
	2008	10	27	60	34	44	0.04		0.0		0														
	2008	10	28	50	37	37	0.40		0.0		0														
	2008	10	29	40	33	34	0.27		T		0														
	2008	10	30	38	32	33	0.00		0.0		0														
	2008	10	31	48	28	28	0.00		0.0		0														
			Summary	60.3	34.3		2.35		0.0																

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Station: COWANESQUE DAM, PA US

GHCND:USC00361838

Observation Time Temperature: 0730 Observation Time Precipitation: 0730

Elev: 1148 ft. Lat: 41.990° N Lon: 77.157° W

P r e l i m i n a r y	Y e a r	M o n t h	D a y	Temperature (°F)			Precipitation(see **)					Evaporation		Soil Temperature (°F)										
				24 hrs. ending at observation time		at O b s e r v a t i o n	24 Hour Amounts ending at observation time				At Obs Time	24 Hour Wind Movement (mi)	Amount of Evap. (in)	4 in depth			8 in depth							
				Max.	Min.		Rain, melted snow, etc. (in)	F l a g	Snow, ice pellets, hail (in)	F l a g				Snow, ice pellets, hail, ice on ground (in)	Ground Cover (see *)	Max.	Min.	Ground Cover (see *)	Max.	Min.				
	2013	6	1	89	60	64	0.00		0.0		0													
	2013	6	2	87	64	74	0.00		0.0		0													
	2013	6	3	80	58	58	0.14		0.0		0													
	2013	6	4	67	41	43	0.00		0.0		0													
	2013	6	5	68	41	44	0.00		0.0		0													
	2013	6	6	73	44	61	0.00		0.0		0													
	2013	6	7	61	54	59	0.58		0.0		0													
	2013	6	8	64	58	58	0.02		0.0		0													
	2013	6	9	70	50	50	0.00		0.0		0													
	2013	6	10	77	50	58	0.00		0.0		0													
	2013	6	11	66	58	60	0.36		0.0		0													
	2013	6	12	69	56	59	0.09		0.0		0													
	2013	6	13	76	59	61	0.11		0.0		0													
	2013	6	14	67	52	54	0.79		0.0		0													
	2013	6	15	72	52	53	0.00		0.0		0													
	2013	6	16	75	52	56	0.00		0.0		0													
	2013	6	17	75	55	59	0.00		0.0		0													
	2013	6	18	81	57	58	0.00		0.0		0													
	2013	6	19	72	45	46	0.00		0.0		0													
	2013	6	20	70	46	47	0.00		0.0		0													
	2013	6	21	80	46	56	0.00		0.0		0													
	2013	6	22	83	56	61	0.00		0.0		0													
	2013	6	23	83	61	69	0.00		0.0		0													
	2013	6	24	89	65	65	0.09		0.0		0													
	2013	6	25	87	63	64	0.01		0.0		0													
	2013	6	26	85	64	68	0.03		0.0		0													
	2013	6	27	85	62	63	0.01		0.0		0													
	2013	6	28	78	62	64	1.20		0.0		0													
	2013	6	29	78	58	62	0.90		0.0		0													
	2013	6	30	76	60	60	0.02		0.0		0													
			Summary	76.1	55.0		4.35		0.0															

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Station: **COWANESQUE DAM, PA US**

GHCND:USC00361838

Observation Time Temperature: 0730 Observation Time Precipitation: 0730

Elev: 1148 ft. Lat: 41.990° N Lon: 77.157° W

P r e l i m i n a r y	Y e a r	M o n t h	D a y	Temperature (°F)			Precipitation(see **)					Evaporation		Soil Temperature (°F)						
				24 hrs. ending at observation time		at O b s e r v a t i o n	24 Hour Amounts ending at observation time				At Obs Time	24 Hour Wind Movement (mi)	Amount of Evap. (in)	4 in depth			8 in depth			
				Max.	Min.		Rain, melted snow, etc. (in)	F l a g	Snow, ice pellets, hail (in)	F l a g				Snow, ice pellets, hail, ice on ground (in)	Ground Cover (see *)	Max.	Min.	Ground Cover (see *)	Max.	Min.
	2013	7	1	82	60	64	0.27		0.0		0									
	2013	7	2	69	64	66	1.62		0.0		0									
	2013	7	3	83	66	68	0.16		0.0		0									
	2013	7	4	86	68	72	0.00		0.0		0									
	2013	7	5	86	70	73	0.00		0.0		0									
	2013	7	6	88	66	68	0.00		0.0		0									
	2013	7	7	86	68	69	0.12		0.0		0									
	2013	7	8	87	65	65	0.01		0.0		0									
	2013	7	9	81	57	66	0.08		0.0		0									
	2013	7	10	83	66	71	0.01		0.0		0									
	2013	7	11	83	62	62	0.17		0.0		0									
	2013	7	12	76	58	58	0.00		0.0		0									
	2013	7	13	73	58	62	0.00		0.0		0									
	2013	7	14	78	61	66	0.00		0.0		0									
	2013	7	15	88	66	67	0.00		0.0		0									
	2013	7	16	88	66	67	0.00		0.0		0									
	2013	7	17	88	64	65	0.00		0.0		0									
	2013	7	18	92	64	71	0.00		0.0		0									
	2013	7	19	92	66	68	0.00		0.0		0									
	2013	7	20	90	68	69	0.00		0.0		0									
	2013	7	21	83	63	63	0.01		0.0		0									
	2013	7	22	83	60	60	0.00		0.0		0									
	2013	7	23	84	60	66	0.96		0.0		0									
	2013	7	24	85	58	58	0.18		0.0		0									
	2013	7	25	68	48	48	0.00		0.0		0									
	2013	7	26	71	47	50	0.00		0.0		0									
	2013	7	27	78	49	54	0.00		0.0		0									
	2013	7	28	79	54	66	0.04		0.0		0									
	2013	7	29	79	54	55	0.37		0.0		0									
	2013	7	30	74	51	51	0.00		0.0		0									
	2013	7	31	72	51	55	0.00		0.0		0									
			Summary	81.8	60.6		4.00		0.0											

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Station: **COWANESQUE DAM, PA US**

GHCND:USC00361838

Observation Time Temperature: 0730 Observation Time Precipitation: 0730

Elev: 1148 ft. Lat: 41.990° N Lon: 77.157° W

P r e l i m i n a r y	Y e a r	M o n t h	D a y	Temperature (°F)			Precipitation(see **)					Evaporation		Soil Temperature (°F)						
				24 hrs. ending at observation time		at O b s e r v a t i o n	24 Hour Amounts ending at observation time				At Obs Time	24 Hour Wind Movement (mi)	Amount of Evap. (in)	4 in depth			8 in depth			
				Max.	Min.		Rain, melted snow, etc. (in)	F l a g	Snow, ice pellets, hail (in)	F l a g				Snow, ice pellets, hail, ice on ground (in)	Ground Cover (see *)	Max.	Min.	Ground Cover (see *)	Max.	Min.
	2013	8	1	78	55	64	0.01		0.0		0									
	2013	8	2	80	54	55	0.00		0.0		0									
	2013	8	3	77	55	62	0.00		0.0		0									
	2013	8	4	78	52	53	0.00		0.0		0									
	2013	8	5	73	51	51	0.00		0.0		0									
	2013	8	6	73	47	52	0.00		0.0		0									
	2013	8	7	78	52	62	0.00		0.0		0									
	2013	8	8	73	62	64	0.05		0.0		0									
	2013	8	9	84	64	69	0.62		0.0		0									
	2013	8	10	77	56	56	0.15		0.0		0									
	2013	8	11	76	50	52	0.00		0.0		0									
	2013	8	12	78	51	55	0.00		0.0		0									
	2013	8	13	80	55	62	0.41		0.0		0									
	2013	8	14	80	47	51	0.00		0.0		0									
	2013	8	15	68	46	46	0.00		0.0		0									
	2013	8	16	72	46	50	0.00		0.0		0									
	2013	8	17	75	49	49	0.00		0.0		0									
	2013	8	18	77	49	54	0.00		0.0		0									
	2013	8	19	74	54	57	0.00		0.0		0									
	2013	8	20	79	57	58	0.00		0.0		0									
	2013	8	21	83	56	56	0.00		0.0		0									
	2013	8	22	86	56	60	0.00		0.0		0									
	2013	8	23	86	58	59	0.00		0.0		0									
	2013	8	24	77	49	50	0.00		0.0		0									
	2013	8	25	77	50	50	0.00		0.0		0									
	2013	8	26	81	49	63	0.00		0.0		0									
	2013	8	27	81	63	64	0.23		0.0		0									
	2013	8	28	84	64	67	0.33		0.0		0									
	2013	8	29	81	66	67	0.25		0.0		0									
	2013	8	30	82	62	64	0.00		0.0		0									
	2013	8	31	86	64	70	0.00		0.0		0									
			Summary	78.5	54.5		2.05		0.0											

The \*\* flags in Preliminary indicate the data have not completed processing and quality control and may not be identical to the original observation  
 Empty, or blank, cells indicate that a data observation was not reported.  
 \*Ground Cover: 1=Grass; 2=Fallow; 3=Bare Ground; 4=Brome grass; 5=Sod; 6=Straw mulch; 7=Grass muck; 8=Bare muck; 0=Unknown  
 "s" This data value failed one of NCDC's quality control tests.  
 "T" values in the Precipitation category above indicate a TRACE value was recorded.  
 "A" values in the Precipitation Flag or the Snow Flag column indicate a multiday total, accumulated since last measurement, is being used.  
 Data value inconsistency may be present due to rounding calculations during the conversion process from SI metric units to standard imperial units.

U.S. Department of Commerce  
 National Oceanic & Atmospheric Administration  
 National Environmental Satellite, Data, and Information Service

## Record of Climatological Observations

These data are quality controlled and may not be identical to the original observations.

National Climatic Data Center  
 Federal Building  
 151 Patton Avenue  
 Asheville, North Carolina 28801  
 www.ncdc.noaa.gov

Station: **COWANESQUE DAM, PA US**

GHCND:USC00361838

Observation Time Temperature: 0730 Observation Time Precipitation: 0730

Elev: 1148 ft. Lat: 41.990° N Lon: 77.157° W

P r e l i m i n a r y	Y e a r	M o n t h	D a y	Temperature (°F)			Precipitation(see **)					Evaporation		Soil Temperature (°F)													
				24 hrs. ending at observation time		a t O b s e r v a t i o n	24 Hour Amounts ending at observation time				At Obs Time	24 Hour Wind Movement (mi)	Amount of Evap. (in)	4 in depth			8 in depth										
				Max.	Min.		Rain, melted snow, etc. (in)	F l a g	Snow, ice pellets, hail (in)	F l a g	Snow, ice pellets, hail, ice on ground (in)			Ground Cover (see *)	Max.	Min.	Ground Cover (see *)	Max.	Min.								
	2013	9	1	88	63	64	2.23		0.0		0																
	2013	9	2	82	64	68	0.06		0.0		0																
	2013	9	3	84	57	57	0.05		0.0		0																
	2013	9	4	70	45	52	0.00		0.0		0																
	2013	9	5	78	52	58	0.00		0.0		0																
	2013	9	6	68	39	39	0.00		0.0		0																
	2013	9	7	69	39	47	0.00		0.0		0																
	2013	9	8	68	47	59	0.08		0.0		0																
	2013	9	9	66	43	43	0.01		0.0		0																
	2013	9	10	74	43	64	0.00		0.0		0																
	2013	9	11	87	63	70	0.00		0.0		0																
	2013	9	12	89	63	65	0.04		0.0		0																
	2013	9	13	79	55	56	0.20		0.0		0																
	2013	9	14	61	47	47	0.11		0.0		0																
	2013	9	15	61	39	39	0.00		0.0		0																
	2013	9	16	67	39	52	0.02		0.0		0																
	2013	9	17	63	37	38	0.03		0.0		0																
	2013	9	18	63	38	38	0.00		0.0		0																
	2013	9	19	72	38	43	0.00		0.0		0																
	2013	9	20	76	42	51	0.00		0.0		0																
	2013	9	21	78	51	64	0.00		0.0		0																
	2013	9	22	68	47	47	1.33		0.0		0																
	2013	9	23	56	45	45	0.00		0.0		0																
	2013	9	24	59	36	36	0.00		0.0		0																
	2013	9	25	67	35	39	0.00		0.0		0																
	2013	9	26	67	35	41	0.00		0.0		0																
	2013	9	27	69	35	43	0.00		0.0		0																
	2013	9	28	69	43	48	0.00		0.0		0																
	2013	9	29	71	45	45	0.00		0.0		0																
	2013	9	30	71	44	46	0.00		0.0		0																
			Summary	71.3	45.6		4.16		0.0																		

The \*\*\* flags in Preliminary indicate the data have not completed processing and quality control and may not be identical to the original observation  
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**From:** [NCDC CDO](#)  
**To:** [Kropp, Roy K](#)  
**Subject:** Climate Data Online request 357329 complete  
**Date:** Friday, June 27, 2014 9:59:41 AM

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## NOAA/National Climatic Data Center



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Date Submitted: 2014-6-27 12:58 EST  
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**Phone:** 1-828-271-4800 **Fax:** 1-828-271-4876