

WATER LEVELS FROM PENNSYLVANIA OBSERVATION-WELL NETWORK JANUARY 1997

County	Well number	Year record began	Mean depth to water below land surface, in feet						Last recorded water level	Date of last recorded water level	Trend from last month	Trend from last year	Departure from mean for all years, in feet
			This month	Last month	This month last year	This month, for all years	Maximum for this month/year of occurrence	Minimum for this month/year of occurrence					
Observation wells in the Ohio River Basin													
Allegheny	AG-700	1967	5.79	5.72	6.75	6.78	7.89/69	5.20/91	5.91	1/28	DOWN	UP	0.99
Beaver	BV-156	1967	8.24	8.31	N/D	8.87	9.76/73	8.00/91	8.49	1/22	UP	N/D	0.63
Butler	BT-311	1970	3.23	3.10	9.54	7.52	19.78/77	2.93/93	3.87	1/21	DOWN	UP	4.29
Crawford	CW-413	1967	48.08	47.65	52.49	48.22*	52.49/96*	41.53/82*	49.17	1/21	DOWN	UP	0.14*
Elk	EK-108	1975	8.89**	8.75**	N/D	4.16	8.89/97**	2.50/91	9.00**	1/20	DOWN	N/D	-4.73**
Erie	ER-82	1966	18.41	N/D	17.71	18.59*	19.58/90*	17.44/87*	18.41	1/28	N/D	DOWN	0.18*
Fayette	FA-17	1968	21.41	20.80	N/D	22.22	23.24/77	20.38/71	22.05	1/21	DOWN	N/D	0.81
Forest	FO-11	1974	8.07	7.98	8.85	8.97	9.64/83	8.07/97	7.62	1/20	DOWN	UP	0.90
Green	GR-118	1973	23.73	23.14	25.95	32.38	42.92/88	23.06/94	24.02	1/22	DOWN	UP	8.65
Lawrence	LA-1201	1967	16.84	15.98	16.48	16.10	18.53/92	14.50/74	16.94	1/28	DOWN	DOWN	-0.74
Mercer	MR-1364	1964	3.25	2.80	3.45	3.93	5.49/81	2.66/69	3.46	1/21	DOWN	UP	0.68
Somerset	SO-2	1937	32.49	32.58	33.92	33.49*	34.20/89*	32.49/97*	32.49	1/27	UP	UP	1.00*
Warren	WR-50	1972	40.61	40.47	42.93	42.60	44.37/77	40.02/91	40.85	1/28	DOWN	UP	1.99
Washington	WS-155	1971	35.70	35.30	35.63	35.17	35.99/83	33.56/79	35.99	1/22	DOWN	DOWN	-0.53
Westmoreland	WE-300	1968	14.90	14.90	N/D	17.06	19.29/69	14.33/91	14.90	1/15	SAME	N/D	2.16
Observation wells in the Delaware River Basin													
Berks	BE-623	1975	119.66	121.64	N/D	134.29	139.80/81	119.66/97	121.24	1/28	UP	N/D	14.63
Bucks	BK-929	1967	N/D	N/D	44.14	43.56*	45.63/92*	41.80/87*	N/D	N/D	N/D	N/D	N/D*
Bucks	BK-1020	1975	28.98	N/D	28.66	32.76	40.25/81	27.48/91	29.48	1/28	N/D	DOWN	3.78
Carbon	CB-104	1969	47.87	N/D	44.24	47.09	89.67/81	30.56/79	50.92	1/28	N/D	DOWN	-0.78
Chester	CH-10	1966	9.65	8.52	13.18	12.54	15.02/81	9.65/97	9.45	1/28	DOWN	UP	2.89
Delaware	DE-723	1983	4.63	3.29	6.12	6.53	7.10/88	4.63/97	5.12	1/22	DOWN	UP	1.90
Lebanon	LB-372	1973	7.33	6.52	8.42	8.69	11.23/81	6.66/78	7.30	1/28	DOWN	UP	1.36
Lehigh	LE-644	1971	43.90	45.69	68.20	62.10	91.18/71	40.97/78	46.35	1/24	UP	UP	18.20
Monroe	MO-190	1968	9.15	7.97	10.22	10.52	15.81/81	8.88/78	9.91	1/28	DOWN	UP	1.37
Montgomery	MG-225	1956	13.35	10.80	13.30	28.97	54.12/66	13.30/96	14.24	1/22	DOWN	DOWN	15.62
Pike	PI-200	1981	58.66	N/D	52.44	43.52	65.99/95	32.69/82	62.69	1/28	N/D	DOWN	-15.14
Schulykill	SC-296	1975	46.48	38.83	45.33	46.04	55.22/81	38.59/91	46.69	1/28	DOWN	DOWN	-0.44
Wayne	WN-64	1968	24.13	21.96	25.67	28.03	32.06/81	23.60/95	24.83	1/28	DOWN	UP	3.90

N/D indicates no data

NDR indicates no data received at time of report

DOWN = Water level is lower than that reported for last month or year

UP = Water level is higher than that reported for last month or year

Shaded block indicates this month is a recorded maximum or minimum

Year refers to water year, October 1 - September 30.

* Value for well is computed using less than the full period of record because of a change in well hydraulics, or nearby non-climatic hydrologic stress.

** Below normal conditions for well EK-108 are probably due to recent land use changes.

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Observation wells in the Susquehanna River Basin													
Adams	AD-146	1968	11.85	11.27	11.44	11.82	12.84/81	11.35/90	11.40	1/28	DOWN	DOWN	-0.03
Bedford	BD-150	1965	4.72	4.49	16.35	20.17	40.58/66	4.72/97	7.80	1/26	DOWN	UP	15.45
Blair	BA-74	1969	NDR	12.12	12.81	12.60	15.80/70	10.90/91	NDR	NDR	NDR	NDR	NDR
Bradford	BR-92	1966	7.11	3.86	6.84	8.09	11.20/81	4.41/78	8.56	1/27	DOWN	DOWN	0.98
Cameron	CM-13	1967	23.12	22.96	N/D	23.17	24.24/73	22.35/93	23.25	1/28	DOWN	N/D	0.05
Clinton	CN-1	1950	47.47	46.70	49.07	49.57	52.46/81	47.39/93	48.13	1/28	DOWN	UP	2.10
Cumberland	CU-2	1951	14.42	13.54	24.19	22.89	30.89/66	13.36/78	16.38	1/24	DOWN	UP	8.47
Dauphin	DA-350	1964	4.54	3.99	4.37	4.66	5.76/81	3.69/91	4.32	1/28	DOWN	DOWN	0.12
Franklin	FR-332	1975	16.13	15.49	20.25	27.23	32.52/81	16.13/97	16.17	1/28	DOWN	UP	11.10
Huntingdon	HU-301	1969	53.46	52.71	52.77	53.60	55.41/81	51.79/74	53.64	1/28	DOWN	DOWN	0.14
Juniata	JU-351	1968	12.64	12.35	12.54	13.29	14.17/81	12.54/96	12.65	1/27	DOWN	DOWN	0.65
Lancaster	LN-514	1964	30.91	26.86	28.80	31.86	33.40/81	27.45/74	32.52	1/27	DOWN	DOWN	0.95
Luzerne	LU-294	1994	NDR	N/D	N/D	31.81	31.92/95	31.92/95	NDR	NDR	NDR	NDR	NDR
Lycoming	LY-112	1967	88.29	85.88	88.41	88.43	92.79/81	85.55/79	89.19	1/28	DOWN	UP	0.14
Mifflin	MF-344	1983	N/D	N/D	58.61	55.49	75.94/92	44.00/91	55.74	1/30	N/D	N/D	N/D
Potter	PO-72	1967	19.30	14.93	18.60	19.41	27.05/81	14.38/69	20.50	1/28	DOWN	DOWN	0.11
Snyder	SN-130	1968	18.96	18.40	N/D	18.76	19.38/81	18.23/72	18.71	1/28	DOWN	N/D	-0.20
Sullivan	SU-34	1965	26.58	23.21	24.88	26.16	29.14/81	23.62/79	26.42	1/28	DOWN	DOWN	-0.42
Susquehanna	SQ-61	1972	27.40	26.85	30.02	29.60	36.46/81	26.07/91	28.69	1/28	DOWN	UP	2.20
Tioga	TI-100	1972	31.68	31.58	32.75	33.10	34.57/89	31.68/97	32.27	1/21	DOWN	UP	1.42
Union	UN-51	1967	37.60	34.25	36.83	38.14	42.19/81	35.56/78	38.56	1/28	DOWN	DOWN	0.54

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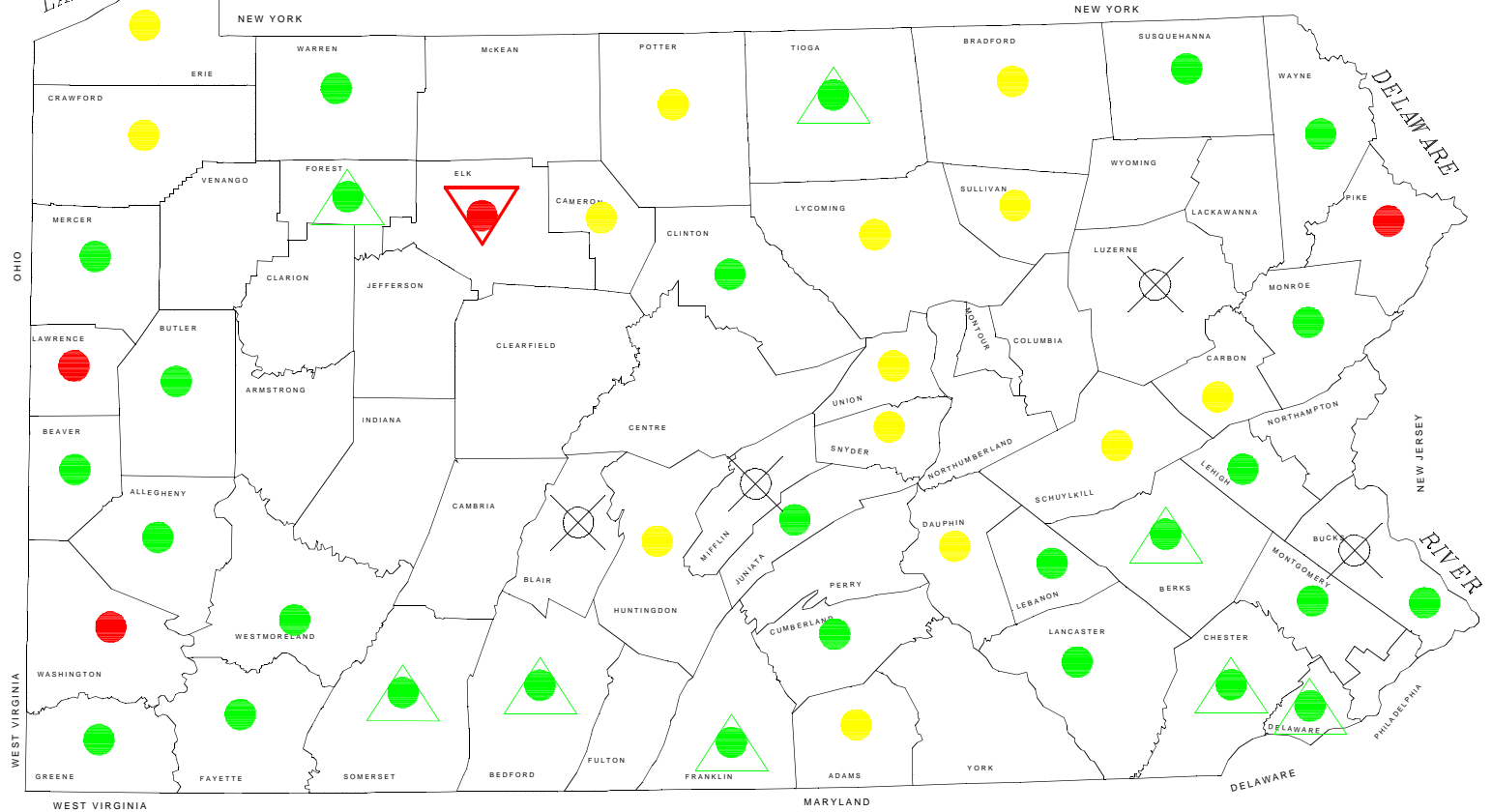
NOTES:

1) Continuous water-level records for wells CE-118 (Centre County) and PH-12 (Philadelphia County) are being collected but are not reported in the monthly summary because they are not used for drought monitoring.

* Estimated values for well LU-294 are based on data from nearby discontinued well LU-243.

LAKE ERIE

GROUND-WATER LEVELS IN PENNSYLVANIA









JANUARY 1997

MEAN WATER LEVELS IN OBSERVATION WELLS

Prepared by the Water Resources Division, U.S. Geological Survey,
in cooperation with the Bureau of Water Resources Management,
Pennsylvania Department of Environmental Protection.

Normal is defined as a water level between the 25th percentile and 75th percentile
of monthly mean water levels for all previous years of record for this month.

-  Above Normal
-  Normal
-  Below Normal
-  No data for this month
-  Record High
-  Record Low