

## WATER LEVELS FROM PENNSYLVANIA OBSERVATION-WELL NETWORK January 2002

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	8.01	7.88	7.58	6.76	7.89/69	5.20/91	7.85	1/29	DOWN	DOWN	-1.25
Beaver	BV-156	1967	8.79	8.78	8.90	8.83	9.76/73	8.00/91	8.59	1/29	DOWN	UP	.04
Butler	BT-311	1970	8.09	9.45	4.64	7.37	19.78/77	2.93/93	4.81	1/29	UP	DOWN	-0.72
Crawford	CW-413	1967	51.08	52.99	50.48	49.29*	56.07/99*	41.53/82*	51.32	1/29	UP	DOWN	-1.79*
Elk	EK-108	1975	5.67	5.97	5.88	4.83	8.95/97	2.50/91	5.37	1/29	UP	UP	-0.84
Erie	ER-82	1966	18.52	18.73	18.74	18.68*	21.09/99*	17.44/87*	18.71	1/29	UP	UP	.16*
Fayette	FA-17	1968	22.53	22.96	22.26	22.21	23.27/99	20.38/71	21.84	1/29	UP	DOWN	-0.32
Forest	FO-11	1974	8.30	8.31	8.61	8.83	9.64/83	8.13/98	8.19	1/29	UP	UP	.53
Green	GR-118	1973	31.15	33.17	N/D	31.60	42.92/88	23.06/94	28.59	1/29	UP	N/D	.45
Lawrence	LA-1201	1967	16.83	16.39	16.92	16.15	18.53/92	14.50/74	16.51	1/29	DOWN	UP	-0.68
Mercer	MR-1364	1964	NDR	N/D	3.06	3.78	5.49/81	2.06/00	NDR	NDR	NDR	NDR	NDR
Somerset	SO-2	1937	NDR	35.09^	38.74	34.66*	43.14/99*	32.50/97*	NDR	NDR	NDR	NDR	NDR
Warren	WR-50	1972	41.89	42.45	43.20	42.49	44.37/77	40.02/91	41.71	1/29	UP	UP	.60
Washington	WS-155	1971	36.29	36.20	36.59	35.34	36.59/01	33.56/79	36.05	1/29	DOWN	UP	-0.95
Westmoreland	WE-300	1968	17.04	17.69	16.12	16.99	19.29/69	14.33/91	16.52	1/29	UP	DOWN	-0.05

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 new 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 SO-2 are due to nearby pumping.

+ Well MR-1364 was affected by the Pymatuning Earthquake on Sept. 25, 1998. Record adjusted to compute current conditions shown on map.

Note: Water levels from well MG-225 are being collected but not reported in this monthly summary, because they are not comparable to historical levels due to changes in ground-water pumping.