



## New Jersey Water Supply Authority

### Delaware & Raritan System Operations Report

Current as of: 07:30 a.m. Tuesday, January 22, 2019

#### Rainfall (inches)

##### Spruce Run Gauge

Previous day: 0.00

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
<b>Average</b>	3.17	2.65	3.68	3.75	4.04	4.03	4.40	3.91	4.33	3.76	3.73	3.73	45.17
<b>2019</b>	2.93												2.93
<b>2018</b>	2.99	6.64	4.78	5.95	5.66	3.38	9.47	9.83	9.52	4.11	12.77	8.58	83.68
<b>2017</b>	3.32	1.87	4.91	2.66	5.15	3.08	7.88	4.87	2.47	5.76	1.53	1.44	44.94
<b>2016</b>	2.03	4.60	1.11	1.66	4.07	3.03	7.00	2.98	1.74	0.53	3.02	3.25	35.02
<b>2015</b>	2.38	0.86	3.91	2.03	2.38	5.98	2.02	0.78	2.76	3.37	1.69	4.23	32.39
<b>2014</b>	2.56	2.04	3.12	7.35	2.66	4.25	3.96	1.96	1.57	3.20	3.48	3.38	39.53

##### Belle Mead Gauge

Previous day: 0.00

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
<b>Average</b>	3.59	2.87	3.98	3.81	4.26	4.16	4.76	4.36	3.96	3.71	3.68	3.94	47.09
<b>2019</b>	2.94												2.94
<b>2018</b>	2.89	7.05	4.80	4.74	5.98	3.99	6.02	4.57	8.39	2.46	8.88	6.56	66.33
<b>2017</b>	4.35	1.38	3.74	3.86	6.59	5.16	5.41	7.90	2.69	4.94	1.68	1.60	49.30
<b>2016</b>	2.21	5.30	2.29	1.49	3.83	1.82	9.42	1.11	2.10	2.18	3.78	3.30	38.83
<b>2015</b>	3.18	2.46	5.53	2.54	1.38	6.04	2.79	1.72	3.27	5.27	2.07	5.28	41.53
<b>2014</b>	2.59	3.45	4.59	7.36	3.05	3.58	7.61	2.80	1.05	4.42	5.00	5.35	50.85

##### Stockton Gauge

Previous day: 0.00

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
<b>Average</b>	2.50	2.86	4.09	3.45	4.69	4.18	4.85	6.09	5.47	3.86	3.20	4.04	49.29
<b>2019</b>	2.87												2.87
<b>2018</b>	3.37	6.19	4.90	4.41	6.96	3.83	4.22	5.80	6.98	3.80	8.62	6.51	65.59
<b>2017</b>	3.42	1.36	4.74	2.66	6.55	2.12	5.04	5.66	1.84	5.23	1.33	1.59	41.54
<b>2016</b>	1.72	4.59	1.56	1.64	3.91	1.56	10.31	4.00	2.59	1.24	4.15	3.09	40.26
<b>2015</b>	2.36	0.80	4.48	2.39	0.98	7.69	2.04	2.49	3.92	3.85	1.65	4.98	37.63
<b>2014</b>	2.55	2.66	3.36	6.96	4.36	3.79	2.59	3.00	0.56	3.16	3.73	1.33	38.05

## Raritan Basin River Flows - Million Gallons / Day (MGD)

For historical flow data, visit: [www.usgs.gov](http://www.usgs.gov)

<b>Gauging Station</b>	<b>21-January</b>	<b>22-January</b>
	<b>0730 Flow</b>	<b>0730 Flow</b>
<b>High Bridge (South Branch)</b>	<b>129</b>	<b>88.5</b>
<b>Stanton Station (South Branch)</b>	<b>369</b>	<b>337</b>
<b>South Br. Rockaway Creek Whitehouse</b>	<b>17.1</b>	<b>12.6</b>
<b>Raritan (North Branch)</b>	<b>487</b>	<b>262</b>
<b>Manville (Raritan)</b>	<b>1820</b>	<b>969</b>
<b>Blackwells Mills (Millstone)</b>	<b>1810</b>	<b>963</b>
<b>Bound Brook (Raritan)</b>	<b>3570</b>	<b>1760</b>
<b>D &amp; R Canal Flow @ Port Mercer</b>	<b>75.6</b>	<b>87.9</b>
<b>Ten Mile Lock (Diverted from D&amp;R to Millstone R.)</b>	<b>44.7</b>	<b>33.5</b>
<b>Kingston Lock (Diverted from D&amp;R to Millstone R.)</b>	<b>0</b>	<b>0</b>

## Reservoir Status

### Spruce Run Reservoir

Date	Elevation (Feet)	Storage (BG)	Capacity (%)	Releases MGD	Comments
1/22/19	272.40	10.75	97.7	108	
1/21/19	272.58	10.84	98.5	108	
1/20/19	272.30	10.68	97.1	108	
1/19/19	272.13	10.63	96.6	108	
1/18/19	272.24	10.66	96.9	105	
1/17/19	272.30	10.68	97.1	105	
1/16/19	272.38	10.74	97.6	105	

Lowest level since first fill: 10/18/93 246.68 3.1 bg. 28.2%

### Round Valley Reservoir

Date	Elevation (Feet)	Storage (BG)	Capacity (%)	Releases MGD	Comment
1/22/19	375.02	47.62	86.6	0	
1/21/19	375.03	47.63	86.6	0	
1/20/19	375.03	47.63	86.6	0	
1/19/19	374.90	47.50	86.4	0	
1/18/19	374.90	47.50	86.4	0	
1/17/19	374.90	47.50	86.4	0	
1/16/19	374.90	47.50	86.4	0	

Lowest level since first fill: 11/29/16 359.48 35.79 bg. 65.1%

Pumping program has ended at SBPS. (5/31/18)

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