Summary of Hydrologic Indicators for September 30, 2003					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Normal	Normal	Normal	Normal	Normal
Central	Normal	Normal	Normal	Normal	Normal
Eastern	Normal	Normal	Normal	N/A	Normal
Southern	Normal	N/A	Normal	N/A	Normal

Summary of Hydrologic Indicators for August 31, 2003					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Normal	Normal	Normal	Normal	Normal
Central	Normal	Normal	Normal	Normal	Normal
Eastern	Normal	Normal	Normal	N/A	Normal
Southern	Normal	N/A	Normal	N/A	Normal

Summary of Hydrologic Indicators for July 31, 2003					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Normal	Normal	Normal	Normal	Normal
Central	Normal	Normal	Normal	Normal	Normal
Eastern	Normal	Normal	Normal	N/A	Normal
Southern	Normal	N/A	Normal	N/A	Normal

Summary of Hydrologic Indicators for June 30, 2003					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Normal	Normal	Normal	Normal	Normal
Central	Normal	Normal	Normal	Normal	Normal
Eastern	Normal	Normal	Normal	N/A	Normal
Southern	Normal	N/A	Normal	N/A	Normal

Summary of Hydrologic Indicators for May 31, 2003					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Normal	Normal	Normal	Normal	Normal
Central	Normal	Normal	Normal	Normal	Normal
Eastern	Normal	Normal	Normal	N/A	Normal
Southern	Normal	N/A	Normal	N/A	Normal

Summary of Hydrologic Indicators for April 30, 2003					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Normal	Watch	Watch	Normal	Watch
Central	Normal	Normal	Normal	Normal	Normal
Eastern	Normal	Normal	Normal	N/A	Normal
Southern	Normal	N/A	Normal	N/A	Normal

Summary of Hydrologic Indicators for March 31, 2003					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Normal	Watch	Normal	Normal	Normal
Central	Normal	Normal	Normal	Normal	Normal
Eastern	Normal	Normal	Normal	N/A	Normal
Southern	Normal	N/A	Normal	N/A	Normal

Summary of Hydrologic Indicators for February 28, 2003					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Normal	Normal (3/4/03)	Normal	Normal	Normal
Central	Normal	Normal (3/4/03)	Normal	Normal	Normal
Eastern	Normal	Normal (3/4/03)	Normal	N/A	Normal
Southern	Normal	N/A	Normal	N/A	Normal

Summary of Hydrologic Indicators for February 20, 2003					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Normal (2/18)	Watch (2/19)	Normal (1/31)	Normal (1/31)	Normal
Central	Normal (2/18)	Normal (2/19)	Normal (1/31)	Normal (1/31)	Normal[1]
Eastern	Normal (2/18)	Normal (2/19)	Normal (1/31)	N/A	Normal
Southern	Normal (2/18)	N/A	Normal (1/31)	N/A	Normal

[1] Drought Emergency with water use restrictions lifted on February 20, 2003.

Summary of Hydrologic Indicators for January 31, 2003					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Normal	Watch	Normal	Normal	Normal
Central	Normal	Normal	Normal	Normal	Emergency[2]
Eastern	Normal	Normal	Normal	N/A	Normal
Southern	Watch	N/A	Normal	N/A	Normal

[2] Drought Emergency with restrictions eased to Level One on December 18, 2002.

Summary of Hydrologic Indicators for December 31, 2002					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Normal	Normal	Normal	Normal	Normal
Central	Normal	Normal	Normal	Normal	Emergency [1]
Eastern	Normal	Normal	Normal	N/A	Normal
Southern	Watch	N/A	Normal	N/A	Normal

[1] Drought Emergency with restrictions eased to Level One on December 18, 2002.

Summary of Hydrologic Indicators for December 18, 2002					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Normal (12/10)	Normal (12/10)	Normal (11/30)	Normal (11/30)	Normal
Central	Normal (12/10)	Normal (12/10)	Watch (11/30)	Normal (11/30)	Emergency [1]
Eastern	Normal (12/10)	Normal (12/10)	Normal (11/30)	N/A	Normal
Southern	Watch (12/10)	N/A	Normal (11/30)	N/A	Normal

[1] Drought Emergency with restrictions eased to Level One on December 18, 2002.

Summary of Hydrologic Indicators for November 19, 2002					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Normal	Normal	Normal	Normal (10/31)	Normal
Central	Normal	Normal	Warning	Watch (10/31)	Emergency [2]
Eastern	Normal	Normal	Normal	N/A	Emergency [2]
Southern	Watch	N/A	Normal (10/31)	N/A	Normal

[2] Drought Emergency with Level Two restrictions declared on August 27, 2002.

Summary of Hydrologic Indicators for November 12, 2002					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Normal	Normal	Normal (10/31)	Normal (10/31)	Normal
Central	Watch	Normal	Emergency (10/31)	Watch (10/31)	Emergency [2]
Eastern	Watch	Normal	Normal (10/31)	N/A	Emergency [2]
Southern	Watch	N/A	Normal (10/31)	N/A	Normal

[2] Drought Emergency with Level Two restrictions declared on August 27, 2002.

Summary of Hydrologic Indicators for November 5, 2002					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Normal	Normal	Normal (10/31)	Normal (10/31)	Normal
Central	Watch	Normal	Emergency (10/31)	Watch (10/31)	Emergency [1]
Eastern	Watch	Normal	Normal (10/31)	N/A	Emergency [1]
Southern	Warning	N/A	Normal (10/31)	N/A	Normal

[1] Drought Emergency with level two restrictions declared on August 27, 2002.

Summary of Hydrologic Indicators for October 31, 2002					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Normal	Normal	Normal	Normal	Normal
Central	Watch	Normal	Emergency	Watch	Emergency [1]
Eastern	Watch	Normal	Normal	N/A	Emergency [1]
Southern	Warning	N/A	Normal	N/A	Normal

[1] Drought Emergency with level two restrictions declared on August 27, 2002.

Summary of Hydrologic Indicators for October 22, 2002					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Normal	Normal	Normal	Normal	Normal (9/30)
Central	Watch	Normal	Emergency	Watch (9/30)	Emergency [1]
Eastern	Watch	Normal	Normal	N/A	Emergency [1]
Southern	Warning	N/A	Watch (9/30)	N/A	Watch (9/30)

[1] Drought Emergency with level two restrictions declared on August 27, 2002.

Summary of Hydrologic Indicators for October 15, 2002					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Watch	Normal	Normal (9/30)	Normal (9/30)	Normal (9/30)
Central	Watch	Normal	Emergency (9/30)	Watch (9/30)	Emergency [1]
Eastern	Watch	Normal	Watch (9/30)	N/A	Emergency [1]
Southern	Warning	N/A	Watch (9/30)	N/A	Watch (9/30)

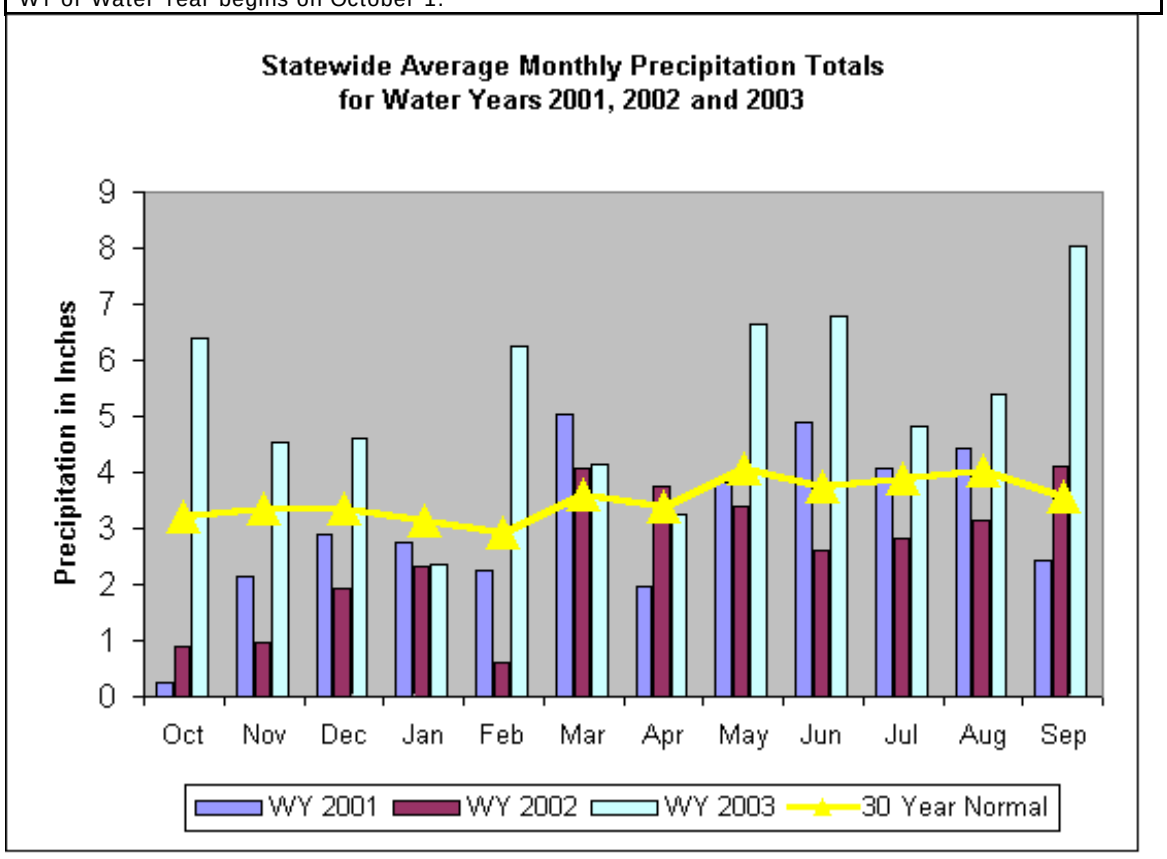
[1] Drought Emergency with level two restrictions declared on August 27, 2002.

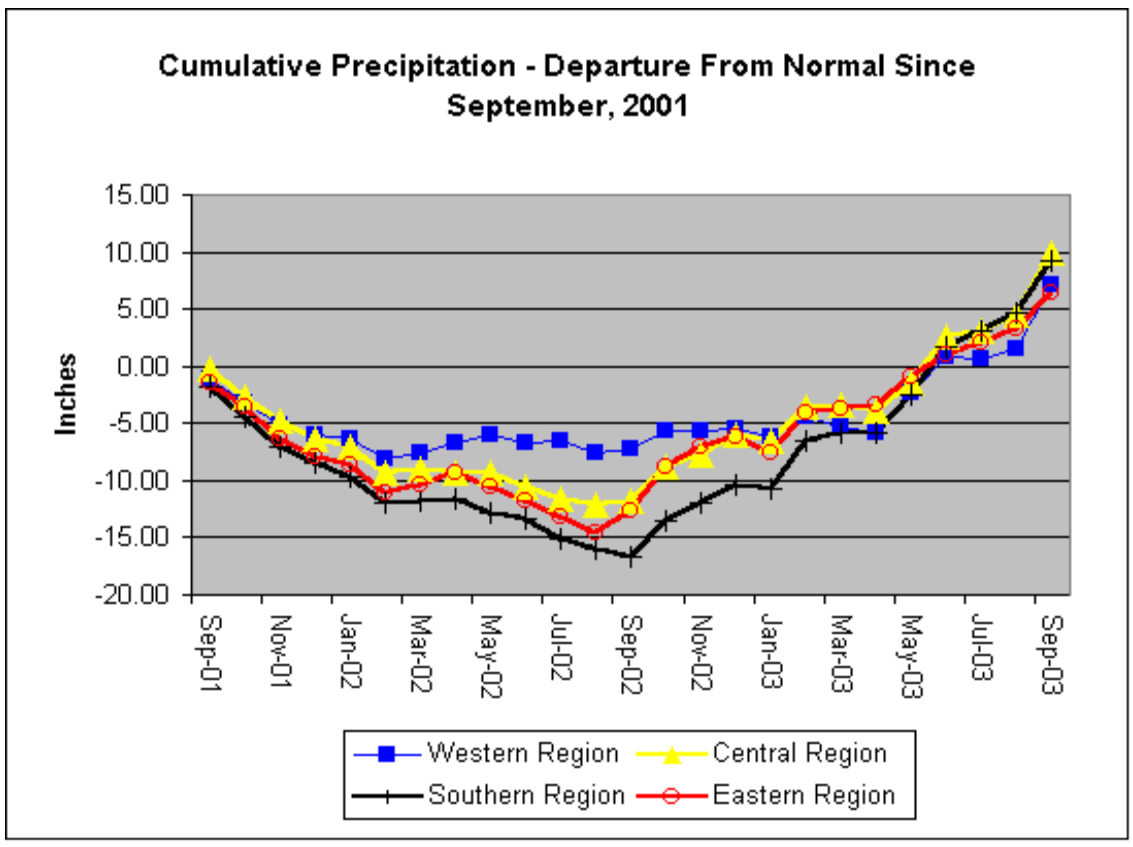
Summary of Hydrologic Indicators for October 8, 2002					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Watch	Watch	Normal (9/30)	Normal (9/30)	Normal (9/30)
Central	Warning	Emergency	Emergency (9/30)	Watch (9/30)	Emergency [1]
Eastern	Warning	Normal	Watch (9/30)	N/A	Emergency [1]
Southern	Emergency	N/A	Watch (9/30)	N/A	Watch (9/30)

[1] Drought Emergency with level two restrictions declared on August 27, 2002.

Precipitation Indicators for Maryland Drought Regions

Precipitation Indicators for Maryland Drought Regions 30-Sep-03						
	Three Month		Six Month		WY[1] to Date	
Regions	Percent of Normal	Condition	Percent of Normal	Condition	Percent of Normal	Condition
Western	Garrett County data is not available as of of 16 October.					
Central	163%	Normal	158%	Normal	151%	Normal
Eastern	144%	Normal	145%	Normal	144%	Normal
Southern	163%	Normal	166%	Normal	161%	Normal
[1]WY or Water Year begins on October 1.						





Precipitation Indicators for Maryland Drought Regions August 31, 2003						
	Three Month		Six Month		WY[1] to Date	
Regions	Percent of Normal	Condition	Percent of Normal	Condition	Percent of Normal	Condition
Western	Garrett County data is not available as of of 5 September.					
Central	151%	Normal	135%	Normal	142%	Normal
Eastern	134%	Normal	131%	Normal	140%	Normal
Southern	162%	Normal	149%	Normal	156%	Normal
[1]WY or Water Year begins on October 1.						

Precipitation Indicators for Maryland Drought Regions

31-Jul-03

	Three Month		WY[1] to Date		Twelve Month	
Regions	Percent of Normal	Condition	Percent of Normal	Condition	Percent of Normal	Condition
Western	Garrett County data is not available as of of 13 August.					
Central	158%	Normal	142%	Normal	134%	Normal
Eastern	148%	Normal	142%	Normal	135%	Normal
Southern	177%	Normal	158%	Normal	143%	Normal

[1]WY or Water Year begins on October 1.

Precipitation Indicators for Maryland Drought Regions

30-Jun-03

	Three Month		WY[1] to Date		Twelve Month	
Regions	Percent of Normal	Condition	Percent of Normal	Condition	Percent of Normal	Condition
Western	Garrett County data is not available as of of 9 July 2003.					
Central	152%	Normal	146%	Normal	131%	Normal
Eastern	146%	Normal	144%	Normal	130%	Normal
Southern	170%	Normal	161%	Normal	136%	Normal

[1]WY or Water Year begins on October 1.

Precipitation Indicators for Maryland Drought Regions

31-May-03

	Three Month		WY[1] to Date		Twelve Month	
Regions	Percent of Normal	Condition	Percent of Normal	Condition	Percent of Normal	Condition
Western	119%	Normal	120%	Normal	110%	Normal
Central	119%	Normal	138%	Normal	119%	Normal
Eastern	128%	Normal	143%	Normal	122%	Normal
Southern	136%	Normal	153%	Normal	125%	Normal

[1]WY or Water Year begins on October 1.

Precipitation Indicators for Maryland Drought Regions

30-Apr-03

	Three Month		WY[1] to Date		Twelve Month	
Regions	Percent of Normal	Condition	Percent of Normal	Condition	Percent of Normal	Condition
Western	105%	Normal	108%	Normal	103%	Normal
Central	126%	Normal	134%	Normal	113%	Normal
Eastern	140%	Normal	139%	Normal	114%	Normal
Southern	149%	Normal	148%	Normal	114%	Normal

[1]WY or Water Year begins on October 1.

Precipitation Indicators for Maryland Drought Regions

31-Mar-03

	Three Month		WY[1] to Date		Twelve Month	
Regions	Percent of Normal	Condition	Percent of Normal	Condition	Percent of Normal	Condition
Western	104%	Normal	111%	Normal	106%	Normal
Central	127%	Normal	142%	Normal	113%	Normal
Eastern	122%	Normal	143%	Normal	115%	Normal
Southern	146%	Normal	156%	Normal	114%	Normal

[1]WY or Water Year begins on October 1.

Precipitation Indicators for Maryland Drought Regions

28-Feb-03

	Three Month		WY[1] to Date		Twelve Month	
Regions	Percent of Normal	Condition	Percent of Normal	Condition	Percent of Normal	Condition
Western	116%	Normal	120%	Normal	110%	Normal
Central	144%	Normal	151%	Normal	114%	Normal
Eastern	130%	Normal	152%	Normal	116%	Normal
Southern	159%	Normal	165%	Normal	113%	Normal

[1]WY or Water Year begins on October 1.

Precipitation Indicators for Maryland Drought Regions

Janurary 31, 2003

	Three Month		WY[1] to Date		Since Sept 1, 2001	
Regions	Percent of Normal	Condition	Percent of Normal	Condition	Percent of Normal	Condition
Western	94%	Normal	109%	Normal	89%	Normal
Central	122%	Normal	141%	Normal	89%	Normal
Eastern	112%	Normal	139%	Normal	87%	Normal
Southern	129%	Normal	147%	Normal	82%	Watch

[1]WY or Water Year begins on October 1.

Precipitation Indicators for Maryland Drought Regions

31-Dec-02

	Three Month		Six Month		Since Sept 1, 2001	
Regions	Percent of Normal	Condition	Percent of Normal	Condition	Percent of Normal	Condition
Western	120%	Normal	107%	Normal	89%	Normal
Central	157%	Normal	121%	Normal	89%	Normal
Eastern	165%	Normal	126%	Normal	89%	Normal
Southern	166%	Normal	114%	Normal	81%	Watch

[1]WY or Water Year begins on October 1.

Precipitation Indicators for Maryland Drought Regions

10-Dec-02

	Since September 1, 2002		Since July 1, 2002		Since Sept 1, 2001	
Regions	Percent of Normal	Condition	Percent of Normal	Condition	Percent of Normal	Condition
Western	116%	Normal	105%	Normal	88%	Normal
Central	136%	Normal	114%	Normal	85%	Normal
Eastern	165%	Normal	124%	Normal	87%	Normal
Southern	134%	Normal	106%	Normal	77%	Watch

[1]WY or Water Year begins on October 1.

Precipitation Indicators for Maryland Drought Regions

19-Nov-02

	Since August 1, 2002		Since June 1, 2002		Since Sept 1, 2001	
Regions	Percent of Normal	Condition	Percent of Normal	Condition	Percent of Normal	Condition
Western	114%	Normal	106%	Normal	90%	Normal
Central	136%	Normal	112%	Normal	87%	Normal
Eastern	152%	Normal	1212%	Normal	88%	Normal
Southern	133%	Normal	109%	Normal	78%	Watch

[1]WY or Water Year begins on October 1.

Precipitation Indicators for Maryland Drought Regions

12-Nov-02

	Since August 1, 2002		Since June 1, 2002		Since Sept 1, 2001	
Regions	Percent of Normal	Condition	Percent of Normal	Condition	Percent of Normal	Condition
Western	113%	Normal	105%	Normal	85%	Normal
Central	127%	Normal	106%	Normal	84%	Watch
Eastern	143%	Normal	114%	Normal	85%	Watch
Southern	122%	Normal	102%	Normal	75%	Watch

[1]WY or Water Year begins on October 1.

Precipitation Indicators for Maryland Drought Regions

31-Oct-02

	Three Month		Six Month		Since Sept 1, 2001	
Regions	Percent of Normal	Condition	Percent of Normal	Condition	Percent of Normal	Condition
Western	110%	Normal	106%	Normal	88%	Normal
Central	127%	Normal	102%	Normal	82%	Watch
Eastern	140%	Normal	103%	Normal	82%	Watch
Southern	116%	Normal	92%	Normal	73%	Warning

[1]WY or Water Year begins on October 1.

Stream flow Status as of October 16, 2003

Stream Gage Location	Region	Status as of 10/16/2003	Flow (cfs) Reported on 10/17/03	7-Day Median (cfs) Ending 10/16/03	Historical Median Flow in cfs Ending October 16	Historical Rank For Week Ending 10/16/2003
Youghiogheny (near Oakland)	Western	Normal	237	137	41	80% - 85%
Savage River (near Barton)	Western	Normal	62	34	7	85% - 90%
Wills Creek (near Cumberland)	Western	Normal	214	119	37	85% - 90%
Antietam Creek (near Sharpsburg)	Western & Central	Normal	420	389	118	90% - 95%
Monocacy (near Frederick)	Central	Normal	1,130	622	167	85% - 90%
Patuxent (near Unity)	Central	Normal	59	52	13	90% - 95%
Deer Cr (at Rocks)	Central	Normal	128	113	58	85% - 90%
Choptank (near Greensboro)	Eastern	Normal	125	90	23	90% - 95%
Susquehanna (at Marietta)		Normal	40,800	28,900	8,760	85% - 90%
Potomac (at Little Falls) Corrected)		Normal	11,713	8,205	2,640	85% - 90%

Stream flow Status as of August 31, 2003

Stream Gage Location	Region	Status as of 08/31/2003	Flow (cfs) Reported on 09/1/03	7-Day Median (cfs) Ending 08/31/03	Historical Median Flow in cfs Ending August 31	Historical Rank For Week Ending 8/31/2003
Youghiogheny (near Oakland)	Western	Normal	2310	638	43	>95%
Savage River (near Barton)	Western	Normal	23	16	6	80% - 85%
Wills Creek (near Cumberland)	Western	Normal	112	57	40	65% - 70%
Antietam Creek (near Sharpsburg)	Western & Central	Normal	307	245	132	85% - 90%
Monocacy (near Frederick)	Central	Normal	488	327 (est)	159	75% - 80%
Patuxent (near Unity)	Central	Normal	46	35	12	90% - 95%
Deer Cr (at Rocks)	Central	Normal	204	99	58	75% - 80%
Choptank (near Greensboro)	Eastern	Normal	83	73	24	85% - 90%
Susquehanna (at Marietta)		Normal	20,900	16,600	7,390	85% - 90%
Potomac (at Little Falls) Corrected)		Normal	4,955	5,450	2,960	75% - 80%

Stream flow Status as of August 03, 2003

Stream Gage Location	Region	Status as of 08/03/2003	Flow (cfs) Reported on 08/04/03	7-Day Median (cfs) Ending 08/03/03	Historical Median Flow in cfs Ending August 3	Historical Rank For Week Ending 8/03/2003
Youghiogheny (near Oakland)	Western	Normal	118	163	56	75% - 80%
Savage River (near Barton)	Western	Normal	40	12	8	65% - 70%
Wills Creek (near Cumberland)	Western	Normal	117	66	52	60% - 65%
Antietam Creek (near Sharpsburg)	Western & Central	Normal	277	292	156	90% - 95%
Monocacy (near Frederick)	Central	Normal	442	412	201	80% - 85%
Patuxent (near Unity)	Central	Normal	36	37	15	85% - 90%
Deer Cr (at Rocks)	Central	Normal	178	143	69	90% - 95%
Choptank (near Greensboro)	Eastern	Normal	103	113	26	85% - 90%
Susquehanna (at Marietta)		Normal	57,600	38,400	10,500	>95%
Potomac (at Little Falls) Corrected)		Normal	6,349	6,215	3,545	75% - 80%

Stream flow Status as of July 08, 2003

Stream Gage Location	Region	Status as of 07/08/2003	Flow (cfs) Reported on 07/09/03	7-Day Median (cfs) Ending 07/08/03	Historical Median Flow in cfs Ending July 8	Historical Rank For Week Ending 7/08/2003
Youghiogheny (near Oakland)	Western	Normal	1,830	125	50	70% - 75%
Savage River (near Barton)	Western	Normal	82	25	11	75% - 80%
Wills Creek (near Cumberland)	Western	Normal	134	136	76	75% - 80%
Antietam Creek (near Sharpsburg)	Western & Central	Normal	430	485	202	>95%
Monocacy (near Frederick)	Central	Normal	665	761	287	85% - 90%
Patuxent (near Unity)	Central	Normal	58	69	20	>95%
Deer Cr (at Rocks)	Central	Normal	178	195	82	90% - 95%
Choptank (near Greensboro)	Eastern	Normal	210	231	30	>95%
Susquehanna (at Marietta)		Normal	18,400	21,350	13,400	70% - 75%
Potomac (at Little Falls) Corrected)		Normal	12,046	13,146	4,310	90% - 95%

Stream flow Status as of May 31, 2003

Stream Gage Location	Region	Status as of 05/31/2003	Flow (cfs) Reported on 06/02/03	7-Day Median (cfs) Ending 05/31/03	Historical Median Flow in cfs Ending May 31	Historical Rank For Week Ending 5/31/2003
Youghiogheny (near Oakland)	Western	Normal	1,360	205	157	60% - 65%
Savage River (near Barton)	Western	Normal	337	105	40	80% - 85%
Wills Creek (near Cumberland)	Western	Normal	990	828	201	90% - 95%
Antietam Creek (near Sharpsburg)	Western & Central	Normal	788	807	286	>95%
Monocacy (near Frederick)	Central	Normal	1,920	2760	569	>95%
Patuxent (near Unity)	Central	Normal	89	72	32	80% - 85%
Deer Cr (at Rocks)	Central	Normal	195	228	116	90% - 95%
Choptank (near Greensboro)	Eastern	Normal	286	481	74	>95%
Susquehanna (at Marietta)		Normal	62,300	51,700	31,900	75% - 80%
Potomac (at Little Falls) Corrected)		Normal	23,847	27,062	9,045	90% - 95%

Stream flow Status as of April 30, 2003

Stream Gage Location	Region	Status as of 04/30/2003	Flow (cfs) Reported on 05/01/03	7-Day Median (cfs) Ending 04/30/03	Historical Median Flow in cfs Ending April 30	Historical Rank For Week Ending 4/30/2003
Youghiogheny (near Oakland)	Western	Warning	106	109	261	10%
Savage River (near Barton)	Western	Emergency	19	22	70	<5%
Wills Creek (near Cumberland)	Western	Normal	193	239	331	30% - 35%
Antietam Creek (near Sharpsburg)	Western & Central	Normal	398	469	359	70% - 75%
Monocacy (near Frederick)	Central	Normal	670	835	770	55% - 60%
Patuxent (near Unity)	Central	Normal	45	48	40	65%
Deer Cr (at Rocks)	Central	Normal	135	140	137	50% - 55%
Choptank (near Greensboro)	Eastern	Normal	138	161	111	70% - 75%
Susquehanna (at Marietta)		Normal	34,600	36,400	49,800	30% - 35%
Potomac (at Little Falls) Corrected)		Normal	12,500	15,975	11,500	65% - 70%

Stream flow Status as of March 4, 2003

Stream Gage Location	Region	Status as of 03/31/2003	Flow (cfs) Reported on 4/02/03	7-Day Median (cfs) Ending 03/31/03	Historical Median Flow in cfs Ending March 31	Historical Rank For Week Ending 3/31/2003
Youghiogheny (near Oakland)	Western	Watch	816	246	423	15% - 20%
Savage River (near Barton)	Western	Watch	87	55	134	10% - 15%
Wills Creek (near Cumberland)	Western	Unknown	432	equipment failure		
Antietam Creek (near Sharpsburg)	Western & Central	Normal	599	700	420	80% - 85%
Monocacy (near Frederick)	Central	Normal	1,730	1,760	1,180	70% - 75%
Patuxent (near Unity)	Central	Normal	74	76	50	80%
Deer Cr (at Rocks)	Central	Normal	186	192	138	75% - 80%
Choptank (near Greensboro)	Eastern	Normal	299	261	172	70% - 75%
Susquehanna (at Marietta)		Normal	93,500	130,500	69,600	85% - 90%
Potomac (at Little Falls) Corrected)		Normal	22,265	25,108	18,300	65% - 70%

Stream flow Status as of March 4, 2003

Stream Gage Location	Region	Status as of 03/04/2003	Flow (cfs) Reported on 3/04/03	7-Day Median (cfs) Ending 03/04/03	Historical Median Flow in cfs Ending 3/04	Historical Rank For Week Ending 3/04/2003
Youghiogheny (near Oakland)	Western	Normal	371	410	353	55% - 60%
Savage River (near Barton)	Western	Normal	51	93	96	45% - 50%
Wills Creek (near Cumberland)	Western	Normal	285	337	438	40% - 45%
Antietam Creek (near Sharpsburg)	Western & Central	Normal	516	485	326	70% - 75%
Monocacy (near Frederick)	Central	Normal	1880	1655	960	70% - 75%
Patuxent (near Unity)	Central	Normal	72	69	41	80%
Deer Cr (at Rocks)	Central	Normal	156	158	126	60% - 65%
Choptank (near Greensboro)	Eastern	Normal	Equipment failure - regional status is based on nearby gages.			
Susquehanna (at Marietta)		Normal	38,101	48,200	41,600	55% - 60%
Potomac (at Little Falls) Corrected)		Normal	35,635	32,750	14,000	80% - 85%

Stream flow Status as of February 19, 2003

Stream Gage Location	Region	Status as of 02/19/2003	Flow (cfs) Reported on 02/20/03	7-Day Median (cfs) Ending 02/19/03	Historical Median Flow in cfs Ending 02/19	Historical Rank For Week Ending 02/1903
Youghiogheny (near Oakland)	Western	Watch	126	135	303	10% - 15%
Savage River (near Barton)	Western	Watch	35	35	65	0.25
Wills Creek (near Cumberland)	Western	Watch	114	121	316	10% - 15%
Antietam Creek (near Sharpsburg)	Western & Central	Normal	224	211	281	30% - 35%
Monocacy (near Frederick)	Central	Watch	617	451	963	15% - 20%
Patuxent (near Unity)	Central	Normal	32	32	43	25% - 30%
Deer Cr (at Rocks)	Central	Normal	318	153	123	65% - 70%
Choptank (near Greensboro)	Eastern	Normal	171	138	172	35% - 40%
Susquehanna (at Marietta)		Normal	13400	20300	29000	25% - 30%
Potomac (at Little Falls) Corrected)		Warning	4578	4833	12500	5% - 10%

Stream flow Status as of Januray 31, 2003

Stream Gage Location	Region	Status as of 01/31/2003	Flow (cfs) Reported on 01/02/03	7-Day Median (cfs) Ending 01/31/03	Historical Median Flow in cfs Ending 01/31	Historical Rank For Week Ending 01/31/03
Youghiogheny (near Oakland)	Western	Watch	115	103	301	10% - 15%
Savage River (near Barton)	Western	Unknown	11	Unknown	70	Unknown
Wills Creek (near Cumberland)	Western	Watch	115	129	266	20% - 25%
Antietam Creek (near Sharpsburg)	Western & Central	Normal	248	266	233	50% - 55%
Monocacy (near Frederick)	Central	Normal	545	481	775	30% - 35%
Patuxent (near Unity)	Central	Normal	248	266	233	50% - 55%
Deer Cr (at Rocks)	Central	Normal	92	242	109	85% - 90%
Choptank (near Greensboro)	Eastern	Normal	171	103	142	30% - 35%
Susquehanna (at Marietta)		Normal	23300	23600	28000	40% - 45%
Potomac (at Little Falls) Corrected)		Normal	6467	7042	9412	30% - 35%

Stream Status as of End of December 31, 2002

Stream Gage Location	Region	Status as of 12/31/2002	Flow (cfs) Reported on 01/02/03	7-Day Median (cfs) Ending 12/31/02	Historical Median Flow in cfs Ending 12/31	Historical Rank For Week Ending 12/31/02
Youghiogheny (near Oakland)	Western	Normal	1,790	250	288	45% - 50%
Savage River (near Barton)	Western	Normal	29	38	54	35% - 40%
Wills Creek (near Cumberland)	Western	Normal	3,850	323	200	65% - 70%
Antietam Creek (near Sharpsburg)	Western & Central	Normal	1,840	311	193	70% - 75%
Monocacy (near Frederick)	Central	Normal	15,900	1,140	601	75% - 80%
Patuxent (near Unity)	Central	Normal	143	36	25	65%
Deer Cr (at Rocks)	Central	Normal	419	116	90	65% - 70%
Choptank (near Greensboro)	Eastern	Normal	602	347	94	85% - 90%
Susquehanna (at Marietta)		Normal	73,400	47,450	24,700	75% - 80%
Potomac (at Little Falls) Corrected)		Normal	45,243	15,970	8,035	75% - 80%

Stream Status as of End of December 11, 2002

Stream Gage Location	Region	Status as of 12/10/2002	Flow (cfs) Reported on 12/11/02	7-Day Median (cfs) Ending 12/10/02	Historical Median Flow in cfs Ending 12/10	Historical Rank For Week Ending 12/10/02
Youghiogheny (near Oakland)	Western	Watch	115	118	257	20%-25%
Savage River (near Barton)	Western	Normal	23	43	55	40%-45%
Wills Creek (near Cumberland)	Western	Normal	123	127	155	40%-45%
Antietam Creek (near Sharpsburg)	Western & Central	Normal	179	182	159	55%-60%
Monocacy (near Frederick)	Central	Normal	438	425	543	40%-45%
Patuxent (near Unity)	Central	Normal	19	18	23	35%
Deer Cr (at Rocks)	Central	Normal	71	67	86	25%-30%
Choptank (near Greensboro)	Eastern	Normal	145	147	82	80%-85%
Susquehanna (at Marietta)		Normal	22,600	23,200	27,550	40%-45%
Potomac (at Little Falls) Corrected)		Normal	5,000	6,128	6,470	45%-50%

Stream Status as of End of November 19, 2002

Stream Gage Location	Region	Status as of 11/19/2002	Flow (cfs) Reported on 11/20/02	7-Day Median (cfs) Ending 11/19/02	Historical Median Flow in cfs Ending 11/19	Historical Rank For Week Ending 11/19/02
Youghiogheny (near Oakland)	Western	Normal	940	587	140	>95%
Savage River (near Barton)	Western	Normal	80	89	80	90%-95%
Wills Creek (near Cumberland)	Western	Normal	466	540	109	>95%
Antietam Creek (near Sharpsburg)	Western & Central	Normal	296	243	135	80%-85%
Monocacy (near Frederick)	Central	Normal	1,590	1,840	305	90%-95%
Patuxent (near Unity)	Central	Normal	38	44	17	85%-90%
Deer Cr (at Rocks)	Central	Normal	111	133	72	85%-90%
Choptank (near Greensboro)	Eastern	Normal	589	510	42	>95%
Susquehanna (at Marietta)		Normal	77,200	33,400	22,100	70%-65%
Potomac (at Little Falls) Corrected)		Normal	28,870	21,880	3,940	90%-95%

Stream Status as of End of November 12, 2002

Stream Gage Location	Region	Status as of 11/12/2002	Flow (cfs) Reported on 11/14/02	7-Day Median (cfs) Ending 11/12/02	Historical Median Flow in cfs Ending 11/12	Historical Rank For Week Ending 11/12/02
Youghiogheny (near Oakland)	Western	Normal	591	470	132	85%-90%
Savage River (near Barton)	Western	Normal	137	78	20	80%-85%
Wills Creek (near Cumberland)	Western	Normal	530	328	91	85%-90%
Antietam Creek (near Sharpsburg)	Western & Central	Normal	255	163	134	60%-65%
Monocacy (near Frederick)	Central	Normal	1,720	635	317	70%-75%
Patuxent (near Unity)	Central	Normal	23	17	17	50%
Deer Cr (at Rocks)	Central	Normal	99	66	70	40%-45%
Choptank (near Greensboro)	Eastern	Normal	531	169	41	85%-90%
Susquehanna (at Marietta)		Normal	32,400	24,400	19,400	55%-60%
Potomac (at Little Falls) Corrected)		Normal	11,941	10,387	4,180	80%-85%

Stream Status as of End of October, 2002

Stream Gage Location	Region	Status as of 10/29/2002	Flow (cfs) Reported on 10/30/02	7-Day Median (cfs) Ending 10/29/02	Historical Median Flow in cfs Ending 10/29	Historical Rank For Week Ending 10/29/02
Youghiogheny (near Oakland)	Western	Normal	1,230	112	58	65%-70%
Savage River (near Barton)	Western	Normal	159	21	9	65%-70%
Wills Creek (near Cumberland)	Western	Normal	732	111	45	70%-75%
Antietam Creek (near Sharpsburg)	Western & Central	Normal	205	122	128	45%
Monocacy (near Frederick)	Central	Normal	964	497	217	75%-80%
Patuxent (near Unity)	Central	Watch	42	10	15	20%
Deer Cr (at Rocks)	Central	Normal	121	47	64	20%-25%
Choptank (near Greensboro)	Eastern	Normal	119	93	29	80%-85%
Susquehanna (at Marietta)		Normal	28,200	24,500	9,605	75%-80%
Potomac (at Little Falls) Corrected)		Normal	7,150	4,742	3,000	65%-70%

Stream flow Status as of October 22, 2002

Stream Gage Location	Region	Status as of 10/22/2002	Flow (cfs) Reported on 10/23/2002	7-Day Median (cfs) Ending 10/22/02	Historical Median Flow in cfs Ending 10/22	Historical Rank For Week Ending 10/22/02
Youghiogheny (near Oakland)	Western	Normal	115	197	47	85% - 90%
Savage River (near Barton)	Western	Normal	10	20	7	75% - 80%
Wills Creek (near Cumberland)	Western	Normal	54	97	38	80% - 85%
Antietam Creek (near Sharpsburg)	Western & Central	Normal	107	134	125	55% - 60%
Monocacy (near Frederick)	Central	Normal	301	604	178	80% - 85%
Patuxent (near Unity)	Central	Normal	8	10	13	0.35
Deer Cr (at Rocks)	Central	Normal	39	56	61	40% - 45%
Choptank (near Greensboro)	Eastern	Normal	61	88	26	85% - 90%
Susquehanna (at Marietta)		Normal	27,600	38,200	8,405	85% - 90%
Potomac (at Little Falls) Corrected)		Normal	5,738	8,280	2,580	85% - 90%

Stream flow Status as of October 15, 2002

Stream Gage Location	Region	Status as of 10/15/2002	Flow (cfs) Reported on 10/17/2002	7-Day Median (cfs) Ending 10/15/02	Historical Median Flow in cfs Ending 10/15	Historical Rank For Week Ending 10/15/02
Youghiogheny (near Oakland)	Western	Normal	488	66	39	65% - 70%
Savage River (near Barton)	Western	Normal	62	11	7	60% - 65%
Wills Creek (near Cumberland)	Western	Normal	303	58	37	75% - 80%
Antietam Creek (near Sharpsburg)	Western & Central	Normal	205	100	117	30% - 35%
Monocacy (near Frederick)	Central	Normal	3,260	356	167	75% - 80%
Patuxent (near Unity)	Central	Watch	35	7	13	15% - 20%
Deer Cr (at Rocks)	Central	Watch	264	41	59	0.2
Choptank (near Greensboro)	Eastern	Normal	108	81	23	85% - 90%
Susquehanna (at Marietta)		Normal	28,300	16,500	8,860	75% - 80%
Potomac (at Little Falls) Corrected)		Normal	6,253	2,730	2,650	50% - 55%

Stream flow Status as of October 8, 2002

Stream Gage Location	Region	Status as of 10/08/2002	Flow (cfs) Reported on 10/9/2002	7-Day Median (cfs) Ending 10/08/02	Historical Median Flow in cfs Ending 10/08	Historical Rank For Week Ending 10/08/02
Youghiogheny (near Oakland)	Western	Watch	18	22	39	0.25
Savage River (near Barton)	Western	Watch	2	3	7	20% - 25%
Wills Creek (near Cumberland)	Western	Watch	24	25	40	15% - 20%
Antietam Creek (near Sharpsburg)	Western & Central	Emergency	64	72	122	<5%
Monocacy (near Frederick)	Central	Watch	73	95	178	10% - 15%
Patuxent (near Unity)	Central	Emergency	3	3	12	< 5%
Deer Cr (at Rocks)	Central	Emergency	17	20	61	< 5%
Choptank (near Greensboro)	Eastern	Normal	13	15	24	25% - 30%
Susquehanna (at Marietta)		Normal	7,810	13,200	8,680	65% - 70%
Potomac (at Little Falls) Corrected)		Normal	1,961	3,000	2,690	55% - 60%

Ground Water - End Sep 2003

Region	USGS Well ID	Well Level[1]	Status	Regional Status
Western	GA Bc 1	7.95	Normal	Normal
	WA Be 2	29.6	Normal	
Central	CL Bf 1	60.31	Normal	Normal
	BA Ea 18	17.37	Normal	
	HA Bd 31	2.68	Normal	
	MO Eh 20	10.78	Normal	
Eastern	QA Ec 1	1.04	Normal	Normal
	WI Cg 20	4	Normal	
	MC51-01	9.61	Normal	
	SO Cf 2	1.02	Normal	
Southern	AA Bf 3 (unconfined)	12.2	Normal	Normal
	CH Ee 16 (unconfined)	12.65	Normal	
	AA Cc 40 (confined)	47.10	On Trend[2]	
	CA Bb 27 (confined)	174.04	On Trend	
	CA Bb 28 (confined)	80.15	On Trend	
	CH Bf 101 (confined)	Not Reporting		
	CH Dd 33 (confined)	131.48	Below Trend	
	PG De 21 (confined)	60.93	On Trend	
	PG Fc 17 (confined)	13.51	On Trend	
	SM Dd 50 (confined)	182.65	On Trend	
	SM Fg 45 (confined)	90.74	On Trend	

Well Level[1] - Measurement of water level as feet below land surface

On Trend[2] - In accordance with Maryland's drought monitoring and response plan, the impact of drought upon confined aquifers is analyzed as a departure from long term trend.

Ground Water - End August 2003

Region	USGS Well ID	Well Level[1]	Status	Regional Status
Western	GA Bc 1	10.61	Normal	Normal
	AL Ca 19	Not Reporting		
	WA Be 2	32.12	Normal	
Central	CL Bf 1	59.31	Normal	Normal
	BA Ea 18	16.76	Normal	
	HA Bd 31	7.05	Normal	
	MO Eh 20	11.73	Normal	
Eastern	QA Ec 1	2.64	Normal	Normal
	WI Cg 20	5.43	Normal	
	MC51-01	10.92	Normal	
	SO Cf 2	6.23	Normal	
Southern	AA Bf 3 (unconfined)	Not Reporting		Normal
	CH Ee 16 (unconfined)	14.4	Normal	
	AA Cc 40 (confined)	47.66	On Trend[2]	
	CA Bb 27 (confined)	Not Reporting		
	CA Bb 28 (confined)	Not Reporting		
	CH Bf 101 (confined)	Not Reporting		
	CH Dd 33 (confined)	130.6	On Trend	
	PG De 21 (confined)	Not Reporting		
	PG Fc 17 (confined)	Not Reporting		
	SM Dd 50 (confined)	Not Reporting		
	SM Fg 45 (confined)	91.9	On Trend	

Well Level[1] - Measurement of water level as feet below land surface

On Trend[2] - In accordance with Maryland's drought monitoring and response plan, the impact of drought upon confined aquifers is analyzed as a departure from long term trend.

Ground Water - End July 2003

Region	USGS Well ID	Well Level[1]	Status	Regional Status
Western	GA Bc 1	14.61	Normal	Normal
	AL Ca 19	Not Reporting		
	WA Be 2	28.59	Normal	
Central	CL Bf 1	55.77	Normal	Normal
	BA Ea 18	17.43	Normal	
	HA Bd 31	6.7	Normal	
	MO Eh 20	10.14	Normal	
Eastern	QA Ec 1	2.86	Normal	Normal
	WI Cg 20	5.67	Normal	
	MC51-01	9.35	Normal	
	SO Cf 2	2.48	Normal	
Southern	AA Bf 3 (unconfined)	11.92	Normal	Normal
	CH Ee 16 (unconfined)	13.78	Normal	
	AA Cc 40 (confined)	47.18	Normal	
	CA Bb 27 (confined)	173.92	On Trend [2]	
	CA Bb 28 (confined)	79.62	On Trend	
	CH Bf 101 (confined)	Not Reporting		
	CH Dd 33 (confined)	130.29	On Trend	
	PG De 21 (confined)	60.74	On Trend	
	PG Fc 17 (confined)	9.79	On Trend	
	SM Dd 50 (confined)	181.25	On Trend	
	SM Fg 45 (confined)	92.67	Below Trend	

Well Level[1] - Measurement of water level as feet below land surface

On Trend[2] - In accordance with Maryland's drought monitoring and response plan, the impact of drought upon confined aquifers is analyzed as a departure from long term trend.

Ground Water – End June 2003

Region	USGS Well ID	Well Level[1]	Status	Regional Status
Western	GA Bc 1	11.42	Normal	Normal
	AL Ca 19	16.57	Normal	
	WA Be 2	19.39	Normal	
Central	CL Bf 1	52.84	Normal	Normal
	BA Ea 18	17.14	Normal	
	HA Bd 31	2.45	Normal	
	MO Eh 20	9.91	Normal	
Eastern	QA Ec 1	1.5	Normal	Normal
	WI Cg 20	4.39	Normal	
	MC51-01	5.52	Normal	
	SO Cf 2	1.44	Normal	
Southern	AA Bf 3 (unconfined)	11.1	Normal	Normal
	CH Ee 16 (unconfined)	12.07	Normal	
	AA Cc 40 (confined)	Not Reporting		
	CA Bb 27 (confined)	172.71	On Trend [2]	
	CA Bb 28 (confined)	79.51	Below Trend	
	CH Bf 101 (confined)	Not Reporting		
	CH Dd 33 (confined)	130.06	On Trend	
	PG De 21 (confined)	60.4	On Trend	
	PG Fc 17 (confined)	7.96	On Trend	
	SM Dd 50 (confined)	179.26	On Trend	
	SM Fg 45 (confined)	90.82	On Trend	

Well Level[1] - Measurement of water level as feet below land surface

On Trend[2] - In accordance with Maryland's drought monitoring and response plan, the impact of drought upon confined aquifers is analyzed as a departure from long term trend.

Ground Water - End May 2003

Region	USGS Well ID	Well Level[1]	Status	Regional Status
	GA Bc 1	12.27	Normal	
	AL Ca 19	16.37	Normal	
Western	WA Be 2	18.85	Normal	Normal
	CL Bf 1	59.31	Normal	
	BA Ea 18	19.83	Normal	
	HA Bd 31	3.39	Normal	
Central	MO Eh 20	9.55	Normal	Normal
	QA Ec 1	0.38	Normal	
	WI Cg 20	4.02	Normal	
	MC51-01	8.49	Normal	
Eastern	SO Cf 2	0.88	Normal	Normal
	AA Bf 3 (unconfined)	12.34	Normal	
	CH Ee 16 (unconfined)	11.28	Normal	
	AA Cc 40 (confined)	47.61	On Trend[2]	
	CA Bb 27 (confined)	172.65	On Trend	
	CA Bb 28 (confined)	79.55	On Trend	
	CH Bf 101 (confined)	269.12	On Trendl	
	CH Dd 33 (confined)	129.98	On Trend	
	PG De 21 (confined)	60.47	On Trend	
	PG Fc 17 (confined)	6.22	On Trend	
	SM Dd 50 (confined)	177.47	On Trend	
Southern	SM Fg 45 (confined)	90.57	On Trend	Normal

Well Level[1] - Measurement of water level as feet below land surface

On Trend[2] - In accordance with Maryland's drought monitoring and response plan, the impact of drought upon confined aquifers is analyzed as a departure from long term trend.

Ground Water – End April 2003

Region	USGS Well ID	Well Level[1]	Status	Regional Status
Western	GA Bc 1	13.93	Watch	Watch
	AL Ca 19	16.92	Watch	
	WA Be 2	22.54	Normal	
Central	CL Bf 1	57.22	Normal	Normal
	BA Ea 18	20.2	Normal	
	HA Bd 31	6.6	Normal	
	MO Eh 20	11.19	Normal	
Eastern	QA Ec 1	1.22	Normal	Normal
	WI Cg 20	4.47	Normal	
	MC51-01	7.67	Normal	
	SO Cf 2	1.41	Watch	
Southern	AA Bf 3 (unconfined)	11.7	Normal	Normal
	CH Ee 16 (unconfined)	12.42	Normal	
	AA Cc 40 (confined)	48.11	On Trend[2]	
	CA Bb 27 (confined)	172.71	On Trend	
	CA Bb 28 (confined)	80.61	Below Trend	
	CH Bf 101 (confined)	Not Reporting		
	CH Dd 33 (confined)	129.92	On Trend	
	PG De 21 (confined)	61	On Trend	
	PG Fc 17 (confined)	93.45	On Trend	
	SM Dd 50 (confined)	177	On Trend	
	SM Fg 45 (confined)	90.84	On Trend	

Well Level[1] - Measurement of water level as feet below land surface

On Trend[2] - In accordance with Maryland's drought monitoring and response plan, the impact of drought upon confined aquifers is analyzed as a departure from long term trend.

Ground Water - End March 2003

Region	USGS Well ID	Well Level[1]	Status	Regional Status
	GA Bc 1	5.33	Normal	
	AL Ca 19	16.5	Normal	
Western	WA Be 2	25.74	Normal	Normal
	CL Bf 1	58.02	Normal	
	BA Ea 18	21.1	Normal	
	HA Bd 31	6.33	Normal	
Central	MO Eh 20	10.45	Normal	Normal
	QA Ec 1	0.61	Normal	
	WI Cg 20	4.37	Normal	
	MC51-01	6.58	Normal	
Eastern	SO Cf 2	1.08	Normal	Normal
	AA Bf 3 (unconfined)	10.75	Normal	
	CH Ee 16 (unconfined)	11.67	Normal	
	AA Cc 40 (confined)	48.32	On Trend[2]	
	CA Bb 27 (confined)	172.71	On Trend	
	CA Bb 28 (confined)	80.61	Below Trend	
	CH Bf 101 (confined)	266.98	On Trend	
	CH Dd 33 (confined)	129.88	On Trend	
	PG De 21 (confined)	61	On Trend	
	PG Fc 17 (confined)	93.45	On Trend	
	SM Dd 50 (confined)	177	On Trend	
Southern	SM Fg 45 (confined)	90.85	On Trend	Normal

Well Level[1] - Measurement of water level as feet below land surface

On Trend[2] - In accordance with Maryland's drought monitoring and response plan, the impact of drought upon confined aquifers is analyzed as a departure from long term trend.

Ground Water - End Feb 2003

Region	USGS Well ID	Well Level[1]	Status	Regional Status
Western	GA Bc 1	7.67	Normal	Normal
	AL Ca 19	16.78	Normal	
	WA Be 2	27.78	Normal	
Central	CL Bf 1	63.8	Normal	Normal
	BA Ea 18	24.2	Normal	
	HA Bd 31	9.82	Normal	
	MO Eh 20	11.1	Normal	
Eastern	QA Ec 1	0.49	Normal	Normal
	WI Cg 20	4.11	Normal	
	MC51-01	6.14	Normal	
	SO Cf 2	0.8	Normal	
Southern	AA Bf 3 (unconfined)	12.35	Normal	Normal
	CH Ee 16 (unconfined)	11.29	Normal	
	AA Cc 40 (confined)	49.05	On Trend[2]	
	CA Bb 27 (confined)	173.55	On Trend	
	CA Bb 28 (confined)	81.72	Below Trend	
	CH Bf 101 (confined)	266.98	On Trend	
	CH Dd 33 (confined)	130.13	On Trend	
	PG De 21 (confined)	61.29	On Trend	
	PG Fc 17 (confined)	97.64	On Trend	
	SM Dd 50 (confined)	177.24	On Trend	
	SM Fg 45 (confined)	91.23	On Trend	

Well Level[1] - Measurement of water level as feet below land surface

On Trend[2] - In accordance with Maryland's drought monitoring and response plan, the impact of drought upon confined aquifers is analyzed as a departure from long term trend.

Ground Water – End Jan 2003

Region	USGS Well ID	Well Level[1]	Status	Regional Status
Western	GA Bc 1	14.48	Watch	Normal
	AL Ca 19	17.5	Normal	
	WA Be 2	26.31	Normal	
Central	CL Bf 1	60.65	Normal	Normal
	BA Ea 18	24.5	Watch	
	HA Bd 31	11.32	Normal	
	MO Eh 20	13.2	Normal	
Eastern	QA Ec 1	2.05	Normal	Normal
	WI Cg 20	4.37	Normal	
	MC51-01	9.91	Normal	
	SO Cf 2	2.03	Normal	
Southern	AA Bf 3 (unconfined)	12.35	Normal	Normal
	CH Ee 16 (unconfined)	14.18	Normal	
	AA Cc 40 (confined)	49.24	On Trend[2]	
	CA Bb 27 (confined)	174.69	On Trend	
	CA Bb 28 (confined)	82.27	Below Trend	
	CH Bf 101 (confined)	266.98	On Trend	
	CH Dd 33 (confined)	130.2	On Trend	
	PG De 21 (confined)	61.89	On Trend	
	PG Fc 17 (confined)	97.64	On Trend	
	SM Dd 50 (confined)	175.81	On Trend	
	SM Fg 45 (confined)	91.6	On Trend	

Well Level[1] - Measurement of water level as feet below land surface

On Trend[2] - In accordance with Maryland's drought monitoring and response plan, the impact of drought upon confined aquifers is analyzed as a departure from long term trend.

Ground Water - End Dec 2002

Region	USGS Well ID	Well Level[1]	Status	Regional Status
Western	GA Bc 1	11.5	Normal	Normal
	AL Ca 19	16.76	Normal	
	WA Be 2	24.81	Normal	
Central	CL Bf 1	65.5	Normal	Normal
	BA Ea 18	26.25	Watch	
	HA Bd 31	13.47	Normal	
	MO Eh 20	13.19	Normal	
Eastern	QA Ec 1	1.37	Normal	Normal
	WI Cg 20	4.15	Normal	
	MC51-01	8.82	Normal	
	SO Cf 2	2.03	Normal	
Southern	AA Bf 3 (unconfined)	12.79	Normal	Normal
	CH Ee 16 (unconfined)	14.56	Normal	
	AA Cc 40 (confined)	50.05	On Trend[2]	
	CA Bb 27 (confined)	175.63	On Trend	
	CA Bb 28 (confined)	83.56	Below Trend	
	CH Bf 101 (confined)	267.6	On Trend	
	CH Dd 33 (confined)	129.99	On Trend	
	PG De 21 (confined)	62.7	On Trend	
	PG Fc 17 (confined)	97.55	On Trend	
	SM Dd 50 (confined)	176.82	On Trend	
	SM Fg 45 (confined)	90.73	On Trend	

Well Level[1] - Measurement of water level as feet below land surface

On Trend[2] - In accordance with Maryland's drought monitoring and response plan, the impact of drought upon confined aquifers is analyzed as a departure from long term trend.

Ground Water - End Nov 2002

Region	USGS Well ID	Well Level[1]	Status	Regional Status
Western	GA Bc 1	11.18	Normal	Normal
	AL Ca 19	16.3	Normal	
	WA Be 2	27.48	Normal	
Central	CL Bf 1	68.06	Normal	Watch
	BA Ea 18	27.39	Emergency	
	HA Bd 31	15.27	Normal	
	MO Eh 20	14.67	Watch	
Eastern	QA Ec 1	2.68	Normal	Normal
	WI Cg 20	3.87	Normal	
	MC51-01	8.77	Normal	
	SO Cf 2	3.45	Normal	
Southern	AA Bf 3 (unconfined)	12.66	Normal	Normal
	CH Ee 16 (unconfined)	15.49	Normal	
	AA Cc 40 (confined)	50.4	On Trend[2]	
	CA Bb 27 (confined)	176.42	On Trend	
	CA Bb 28 (confined)	84.32	Below Trend	
	CH Bf 101 (confined)	268.5	On Trend	
	CH Dd 33 (confined)	129.76	On Trend	
	PG De 21 (confined)	63.25	Below Trend	
	PG Fc 17 (confined)	97.52	On Trend	
	SM Dd 50 (confined)	179.65	On Trend	
	SM Fg 45 (confined)	91.3	On Trend	

Well Level[1] - Measurement of water level as feet below land surface

On Trend[2] - In accordance with Maryland's drought monitoring and response plan, the impact of drought upon confined aquifers is analyzed as a departure from long term trend.

Ground Water - Mid Nov 2002

Region	USGS Well ID	Well Level[1]	Status	Regional Status
Western	GA Bc 1	10.36	Normal	Normal
	AL Ca 19	17.09	Normal	
	WA Be 2	31.05	Normal	
Central	CL Bf 1	70.52	Normal	Warning
	BA Ea 18	28.02	Emergency	
	HA Bd 31	16.02	Normal	
	MO Eh 20	15.37	Warning	
Eastern	QA Ec 1	2.95	Normal	Normal
	WI Cg 20	3.97	Normal	
	MC51-01	11.25	Normal	
	SO Cf 2	5.18	Normal	
Southern	AA Bf 3 (unconfined)	13.61	Normal	Normal
	CH Ee 16 (unconfined)	16.02	Warning	
	AA Cc 40 (confined)	50.50(10/31)	On Trend[2]	
	CA Bb 27 (confined)	178.34(10/31)	Below Trend	
	CA Bb 28 (confined)	85.09(10/31)	Below Trend	
	CH Bf 101 (confined)	Not Available		
	CH Dd 33 (confined)	129.58(10/31)	On Trend	
	PG De 21 (confined)	64.52(10/31)	Below Trend	
	PG Fc 17 (confined)	97.52(10/31)	On Trend	
	SM Dd 50 (confined)	180.90(10/31)	On Trend	
	SM Fg 45 (confined)	91.19(10/31)	On Trend	

Well Level[1] - Measurement of water level as feet below land surface

response plan, the impact of drought upon confined aquifers is analyzed as

Ground Water - End of Oct 2002

Region	USGS Well ID	Well Level[1]	Status	Regional Status
Western	GA Bc 1	13.08	Normal	Normal
	AL Ca 19	17.32	Normal	
	WA Be 2	32.92	Normal	
Central	CL Bf 1	71.93	Normal	Emergency
	BA Ea 18	28.13	Emergency	
	HA Bd 31	18.22	Emergency	
	MO Eh 20	16.16	Emergency	
Eastern	QA Ec 1	5.13	Normal	Normal
	WI Cg 20	4.55	Normal	
	MC51-01	12.2	Normal	
	SO Cf 2	6.28	Emergency	
Southern	AA Bf 3 (unconfined)	14.21	Normal	Normal
	CH Ee 16 (unconfined)	16.31	Emergency	
	AA Cc 40 (confined)	50.5	On Trend[2]	
	CA Bb 27 (confined)	178.34	Below Trend	
	CA Bb 28 (confined)	85.09	Below Trend	
	CH Bf 101 (confined)	Not Available		
	CH Dd 33 (confined)	129.58	On Trend	
	PG De 21 (confined)	64.52	Below Trend	
	PG Fc 17 (confined)	97.52	On Trend	
	SM Dd 50 (confined)	180.9	On Trend	
	SM Fg 45 (confined)	91.19	On Trend	

Well Level[1] - Measurement of water level as feet below land surface

On Trend[2] - In accordance with Maryland's drought monitoring and response plan, the impact of drought upon confined aquifers is analyzed as a departure from long term trend.

Ground Water - Middle Oct 2002

Region	USGS Well ID	Well Level[1]	Status	Regional Status
Western	GA Bc 1	14.6	Normal	Normal
	AL Ca 19	17.88	Normal	
	WA Be 2	33.45	Normal	
Central	CL Bf 1	74.6	Emergency	Emergency
	BA Ea 18	28.06	Emergency	
	HA Bd 31	19.05	Emergency	
	MO Eh 20	16.67	Emergency	
Eastern	QA Ec 1	5.46	Normal	Normal
	WI Cg 20	4.95	Normal	
	MC51-01	12.72	Normal	
	SO Cf 2	6.39	Emergency	
Southern	AA Bf 3 (unconfined)	15.1	Normal	Watch
	CH Ee 16 (unconfined)	16.64	Emergency	
	AA Cc 40 (confined)	51.10 (9/30)	Below Trend	
	CA Bb 27 (confined)	180.79 (9/30)	Below Trend	
	CA Bb 28 (confined)	84.97 (9/30)	Below Trend	
	CH Bf 101 (confined)	275.22 (9/30)	Below Trend	
	CH Dd 33 (confined)	129.52 (9/30)	On Trend [2]	
	PG De 21 (confined)	64.9 (9/30)	Below Trend	
	PG Fc 17 (confined)	97.45(9/30)	On Trend	
	SM Dd 50 (confined)	183.03(9/30)	On Trend	
	SM Fg 45 (confined)	91.88(9/30)	Below Trend	

Well Level[1] - Measurement of water level as feet below land surface

On Trend [2] - In accordance with Maryland's drought monitoring and response plan, the impact of drought upon confined aquifers is analyzed as a departure from long term trend.

Reservoir Volumes and Storage for Drought Monitoring as of September, 2003

Water System	Reservoir	Percent Full*	Days of Storage**
City of Frostburg	Piney	100%	409
City of Cumberland	Lake Gordon	100%	
	Lake Koon	100%	411
City of Baltimore ****	Liberty	100%	
	Loch Raven	100%	
	Prettyboy	100%	296
WSSC	Triadelphia Reservoir		
	Rocky Gorge/Ducket t	98%	221
	Seneca Creek Reserve	100%	NA
All Potomac River Plants	Jennings-Randolph Reserve***	100%	NA

* Percent Fullis the ratio of current volume to the maximum usable volume in each reservoir at the end of the month.

** Days of Storageis the amount of days it would take to use current volume of reservoir (w/o recharge) based on average raw water withdrawals from similar time frame from previous two years.

*** Percent full for Jennings-Randolph Reservoir is based on alloted amount of water in reservoir used to supplement Potomac River flow for drinking water purposes, data provided by ICPRB.

****Source - USGS

Reservoir Volumes and Storage for Drought Monitoring as of August, 2003

Water System	Reservoir	Percent Full*	Days of Storage**
City of Frostburg	Piney	100%	386
City of Cumberland	Lake Gordon	Not Availble	Not Availble
	Lake Koon	Not Availble	
City of Baltimore ****	Liberty	100%	261
	Loch Raven	100%	
	Prettyboy	100%	
WSSC	Triadelphia Reservoir	100%	225
	Rocky Gorge/Ducket t		
	Seneca Creek Reserve	100%	NA
All Potomac River Plants	Jennings-Randolph Reserve***	100%	NA

* Percent Fullis the ratio of current volume to the maximum usable volume in each reservoir at the end of the month.

** Days of Storageis the amount of days it would take to use current volume of reservoir (w/o recharge) based on average raw water withdrawals from similar time frame from previous two years.

*** Percent full for Jennings-Randolph Reservoir is based on alloted amount of water in reservoir used to supplement Potomac River flow for drinking water purposes, data provided by ICPRB.

****Source - USGS

Reservoir Volumes and Storage for Drought Monitoring as of July, 2003

Water System	Reservoir	Percent Full*	Days of Storage**
City of Frostburg	Piney	100%	401
City of Cumberland	Lake Gordon	100%	385
	Lake Koon	100%	
City of Baltimore ****	Liberty	100%	280
	Loch Raven	100%	
	Prettyboy	100%	
WSSC	Triadelphia Reservoir	97%	210
	Rocky Gorge/Ducket t		
	Seneca Creek Reserve	100%	NA
All Potomac River Plants	Jennings-Randolph Reserve***	100%	NA

* Percent Fullis the ratio of current volume to the maximum usable volume in each reservoir at the end of the month.

** Days of Storageis the amount of days it would take to use current volume of reservoir (w/o recharge) based on average raw water withdrawals from similar time frame from previous two years.

*** Percent full for Jennings-Randolph Reservoir is based on alloted amount of water in reservoir used to supplement Potomac River flow for drinking water purposes, data provided by ICPRB.

****Source - USGS

Reservoir Volumes and Storage for Drought Monitoring as of June, 2003

Water System	Reservoir	Percent Full*	Days of Storage**
City of Frostburg	Piney	100%	440
City of Cumberland	Lake Gordon	100%	384
	Lake Koon	100%	
City of Baltimore ****	Liberty	100%	274
	Loch Raven	100%	
	Prettyboy	100%	
WSSC	Triadelphia Reservoir	100%	224
	Rocky Gorge/Ducket t	100%	
	Seneca Creek Reserve	100%	NA
River Plants	Randolph	100%	NA

* Percent Fullis the ratio of current volume to the maximum usable volume in each reservoir at the end of the month.

** Days of Storageis the amount of days it would take to use current volume of reservoir (w/o recharge) based on average raw water withdrawals from similar time frame from previous two years.

*** Percent full for Jennings-Randolph Reservoir is based on alloted amount of water in reservoir used to supplement Potomac River flow for drinking water purposes, data provided by ICPRB.

****Source - USGS

Reservoir Volumes and Storage for Drought Monitoring as of June, 2003

Water System	Reservoir	Percent Full*	Days of Storage**
City of Frostburg	Piney	100%	440
City of Cumberland	Lake Gordon	100%	384
	Lake Koon	100%	
City of Baltimore ****	Liberty	100%	274
	Loch Raven	100%	
	Prettyboy	100%	
WSSC	Triadelphia Reservoir	100%	224
	Rocky Gorge/Ducket t	100%	
	Seneca Creek Reserve	100%	NA
All Potomac River Plants	Jennings-Randolph Reserve***	100%	NA

* Percent Fullis the ratio of current volume to the maximum usable volume in each reservoir at the end of the month.

** Days of Storageis the amount of days it would take to use current volume of reservoir (w/o recharge) based on average raw water withdrawals from similar time frame from previous two years.

*** Percent full for Jennings-Randolph Reservoir is based on alloted amount of water in reservoir used to supplement Potomac River flow for drinking water purposes, data provided by ICPRB.

****Source - USGS

Reservoir Volumes and Storage for Drought Monitoring as of May, 2003

Water System	Reservoir	Percent Full*	Days of Storage**
City of Frostburg	Piney	100%	482
City of Cumberland	Lake Gordon		Not Yet Reporting
	Lake Koon		
City of Baltimore (Estimated ****)	Liberty	100%	
	Loch Raven	100%	
	Prettyboy	100%	272
WSSC	Triadelphia Reservoir	100%	
	Rocky Gorge/Duckett	100%	222
	Seneca Creek Reserve	100%	NA
All Potomac River Plants	Jennings-Randolph Reserve***	100%	NA

* Percent Fullis the ratio of current volume to the maximum usable volume in each reservoir at the end of the month.

** Days of Storageis the amount of days it would take to use current volume of reservoir (w/o recharge) based on average raw water withdrawals from similar time frame from previous two years.

*** Percent full for Jennings-Randolph Reservoir is based on alloted amount of water in reservoir used to supplement Potomac River flow for drinking water purposes, data provided by ICPRB.

****Estimated by SRBC - Baltimore not reporting.

Reservoir Volumes and Storage for Drought Monitoring as of April, 2003

Water System	Reservoir	Percent Full*	Days of Storage**
City of Frostburg	Piney	100%	444
City of Cumberland	Lake Gordon	100%	288
	Lake Koon	100%	
City of Baltimore (as of May 9)	Liberty	100%	278
	Loch Raven	100%	
	Prettyboy	100%	
WSSC	Triadelphia Reservoir	100%	226
	Rocky Gorge/Duckett	100%	
	Seneca Creek Reserve	100%	NA
All Potomac River Plants	Jennings-Randolph Reserve***	100%	NA

* Percent Fullis the ratio of current volume to the maximum usable volume in each reservoir at the end of the month.

** Days of Storageis the amount of days it would take to use current volume of reservoir (w/o recharge) based on average raw water withdrawals from similar time frame from previous two years.

*** Percent full for Jennings-Randolph Reservoir is based on alloted amount of water in reservoir used to supplement Potomac River flow for drinking water purposes, data provided by ICPRB.

Reservoir Volumes and Storage for Drought Monitoring as of March, 2003

Water System	Reservoir	Percent Full*	Days of Storage**
City of Frostburg	Piney	100%	446
City of Cumberland	Lake Gordon	100%	401
	Lake Koon	100%	
City of Baltimore	Liberty		Not yet reported.
	Loch Raven		
	Prettyboy		
WSSC	Triadelphia Reservoir	100%	227
	Rocky Gorge/Ducket t	100%	
	Seneca Creek Reserve	100%	NA
All Potomac River Plants	Jennings-Randolph Reserve***	100%	NA

* Percent Fullis the ratio of current volume to the maximum usable volume in each reservoir at the end of the month.

** Days of Storageis the amount of days it would take to use current volume of reservoir (w/o recharge) based on average raw water withdrawals from similar time frame from previous two years.

*** Percent full for Jennings-Randolph Reservoir is based on alloted amount of water in reservoir used to supplement Potomac River flow for drinking water purposes, data provided by ICPRB.

Reservoir Volumes and Storage for Drought Monitoring as of February, 2003

Water System	Reservoir	Percent Full*	Days of Storage**
City of Frostburg	Piney	100	444
City of Cumberland	Lake Gordon		
	Lake Koon		
City of Baltimore	Liberty	71%	
	Loch Raven	100%	
	Prettyboy	78	240
WSSC	Triadelphia Reservoir	100%	
	Rocky Gorge/Ducket t	100%	219
	Seneca Creek Reserve		NA
All Potomac River Plants	Jennings-Randolph Reserve***		NA

* Percent Fullis the ratio of current volume to the maximum usable volume in each reservoir as of the end of February, 2003

** Days of Storageis the amount of days it would take to use current volume of reservoir (w/o recharge) based on average raw water withdrawals from similar time frame from previous two years.

*** Percent full for Jennings-Randolph Reservoir is based on alloted amount of water in reservoir used to supplement Potomac River flow for drinking water purposes, data provided by ICPRB.

Reservoir Volumes and Storage for Drought Monitoring as of January, 2003

Water System	Reservoir	Percent Full*	Days of Storage**
City of Frostburg	Piney	100	427
City of Cumberland	Lake Gordon	100	
	Lake Koon	100	419
City of Baltimore	Liberty	56	273
	Loch Raven	97	
	Prettyboy	55	171
WSSC	Tridelphia Reservoir	97	
	Rocky Gorge/Duckett	88	203
	Seneca Creek Reserve	100	NA
All Potomac River Plants	Jennings-Randolph Reserve***	100	NA

* Percent Fullis the ratio of current volume to the maximum usable volume in each reservoir.

** Days of Storageis the amount of days it would take to use current volume of reservoir (w/o recharge) based on average raw water withdrawals from similar time frame from previous two years.

*** Percent full for Jennings-Randolph Reservoir is based on alloted amount of water in reservoir used to supplement Potomac River flow for drinking water purposes, data provided by ICPRB.

Reservoir Volumes and Storage for Drought Monitoring as of December, 2002

Water System	Reservoir	Percent Full*	Days of Storage**
City of Frostburg	Piney		
City of Cumberland	Lake Gordon	100%	
	Lake Koon	100%	414
City of Baltimore	Liberty	46%	239
	Loch Raven	97%	
	Prettyboy	42%	150
WSSC	Tridelphia Reservoir		
	Rocky Gorge/Duckett	74%	165
	Seneca Creek Reserve	100%	NA
All Potomac River Plants	Jennings-Randolph Reserve***	100%	NA

* Percent Fullis the ratio of current volume to the maximum usable volume in each reservoir as of Deceber 31, 2002

** Days of Storageis the amount of days it would take to use current volume of reservoir (w/o recharge) based on average raw water withdrawals from similar time frame from previous two years (based on volumes as of Deceber 31, 2002)

*** Percent full for Jennings-Randolph Reservoir is based on alloted amount of water in reservoir used to supplement Potomac River flow for drinking water purposes, data provided by ICPRB.

Reservoir Volumes and Storage for Drought Monitoring as of November, 2002

Water System	Reservoir	Percent Full*	Days of Storage**
City of Frostburg	Piney	100%	386
City of Cumberland	Lake Gordon	100%	
	Lake Koon	100%	406
City of Baltimore	Liberty	40%	217
	Loch Raven	92%	
	Prettyboy	29%	129
WSSC	Tridelphia Reservoir	58%	
	Rocky Gorge/Duckett	54%	134
	Seneca Creek Reserve	96%	NA
All Potomac River Plants	Jennings-Randolph Reserve***	71%	NA

* Percent Fullis the ratio of current volume to the maximum usable volume in each reservoir as of November 25, 2002

** Days of Storageis the amount of days it would take to use current volume of reservoir (w/o recharge) based on average raw water withdrawals from similar time frame from previous two years (based on volumes as of November 25, 2002)

*** Percent full for Jennings-Randolph Reservoir is based on alloted amount of water in reservoir used to supplement Potomac River flow for drinking water purposes, data provided by ICPRB (as of 10/14/02).

Reservoir Volumes and Storage for Drought Monitoring as of October, 2002

Water System	Reservoir	Percent Full*	Days of Storage**
City of Frostburg	Piney	100%	384
City of Cumberland	Lake Gordon	96%	
	Lake Koon	71%	329
City of Baltimore	Liberty	36%	190
	Loch Raven	83%	
	Prettyboy	20%	114
WSSC	Tridelphia Reservoir	41%	
	Rocky Gorge/Ducket t	46%	102
	Seneca Creek Reserve	82%	NA
All Potomac River Plants	Jennings-Randolph Reserve***	64%	NA

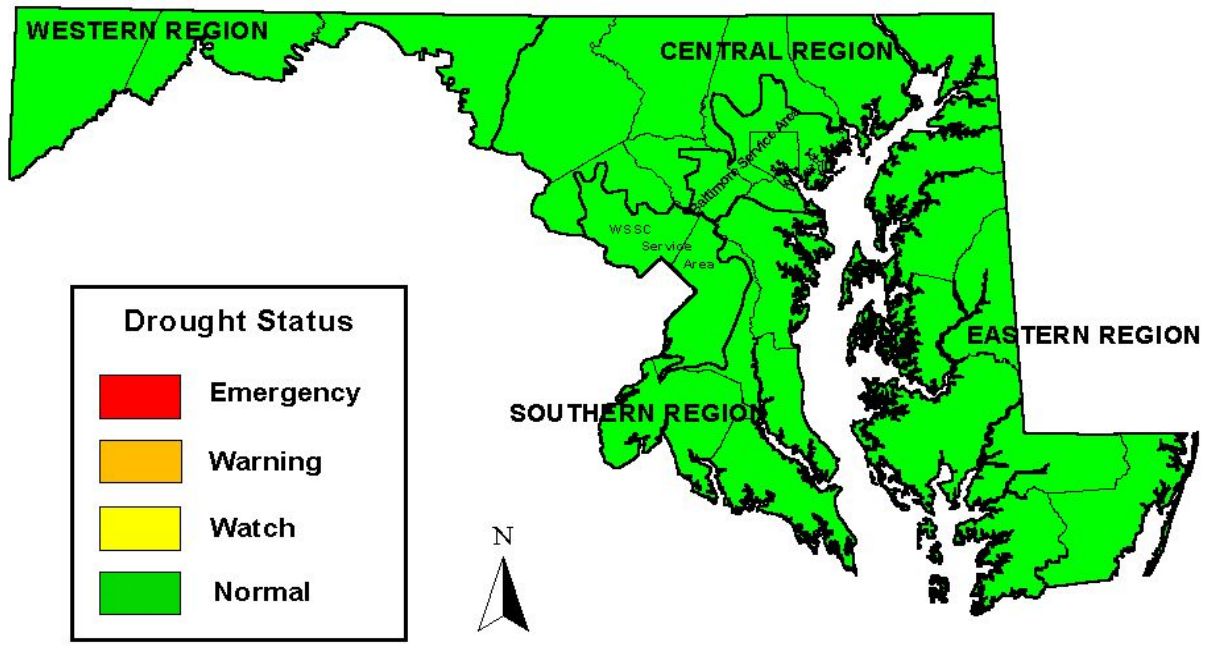
* Percent Fullis the ratio of current volume to the maximum usable volume in each reservoir as of October 28, 2002

** Days of Storageis the amount of days it would take to use current volume of reservoir (w/o recharge) based on average raw water withdrawals from similar time frame from previous two years (based on volumes as of October 28, 2002)

*** Percent full for Jennings-Randolph Reservoir is based on alloted amount of water in reservoir used to supplement Potomac River flow for drinking water purposes, data provided by ICPRB (as of 10/14/02).

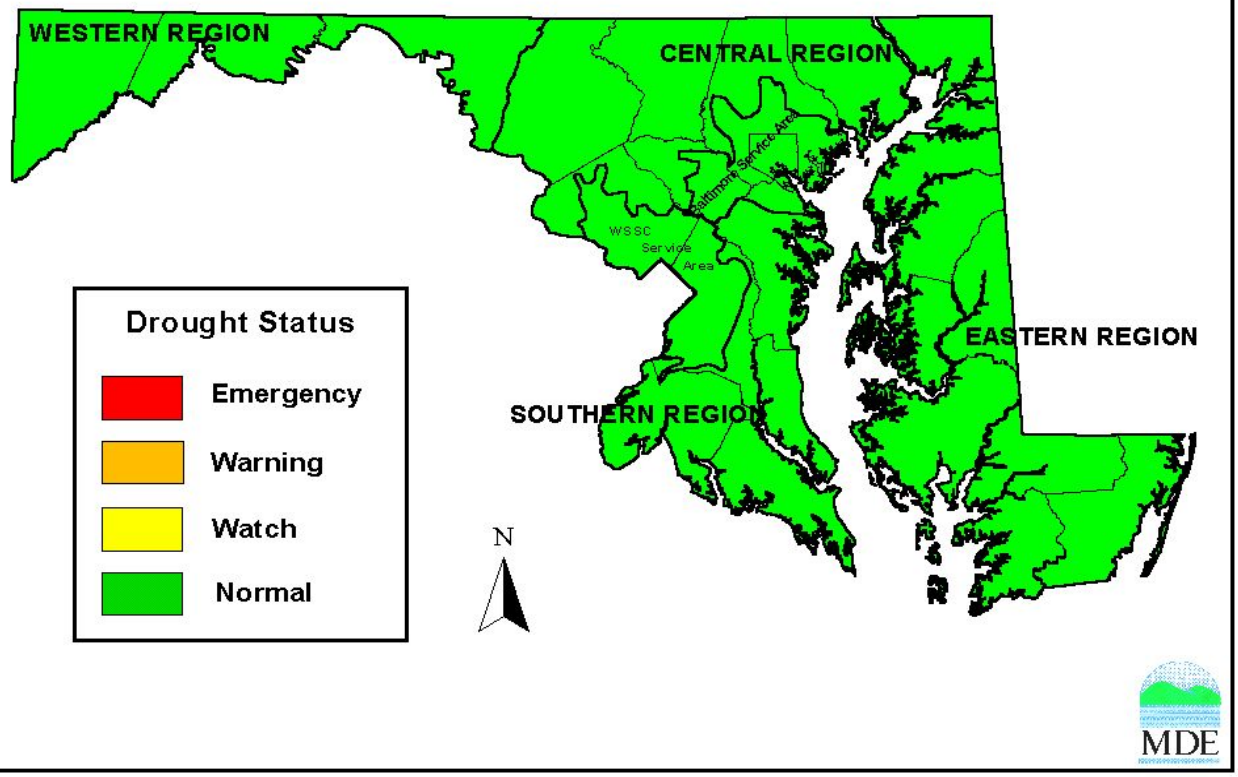
Drought Status in Maryland

As of September 30, 2003



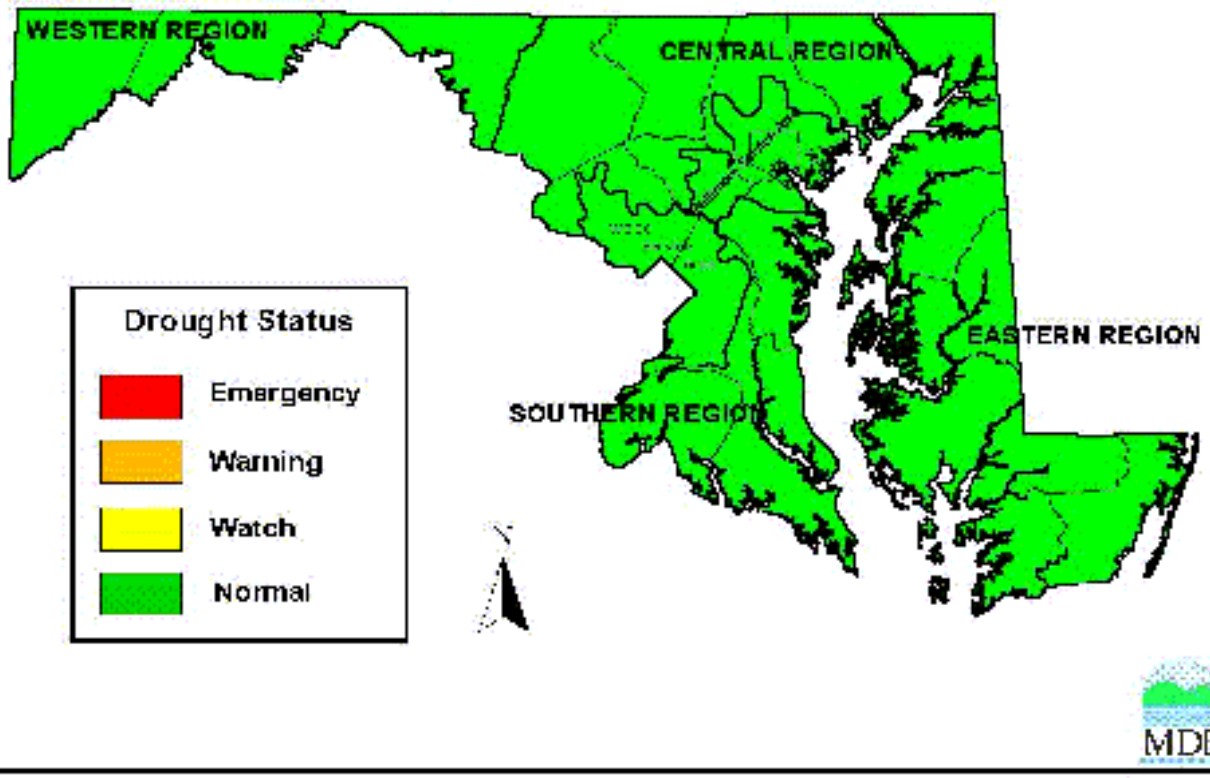
Drought Status in Maryland

As of July 31, 2003



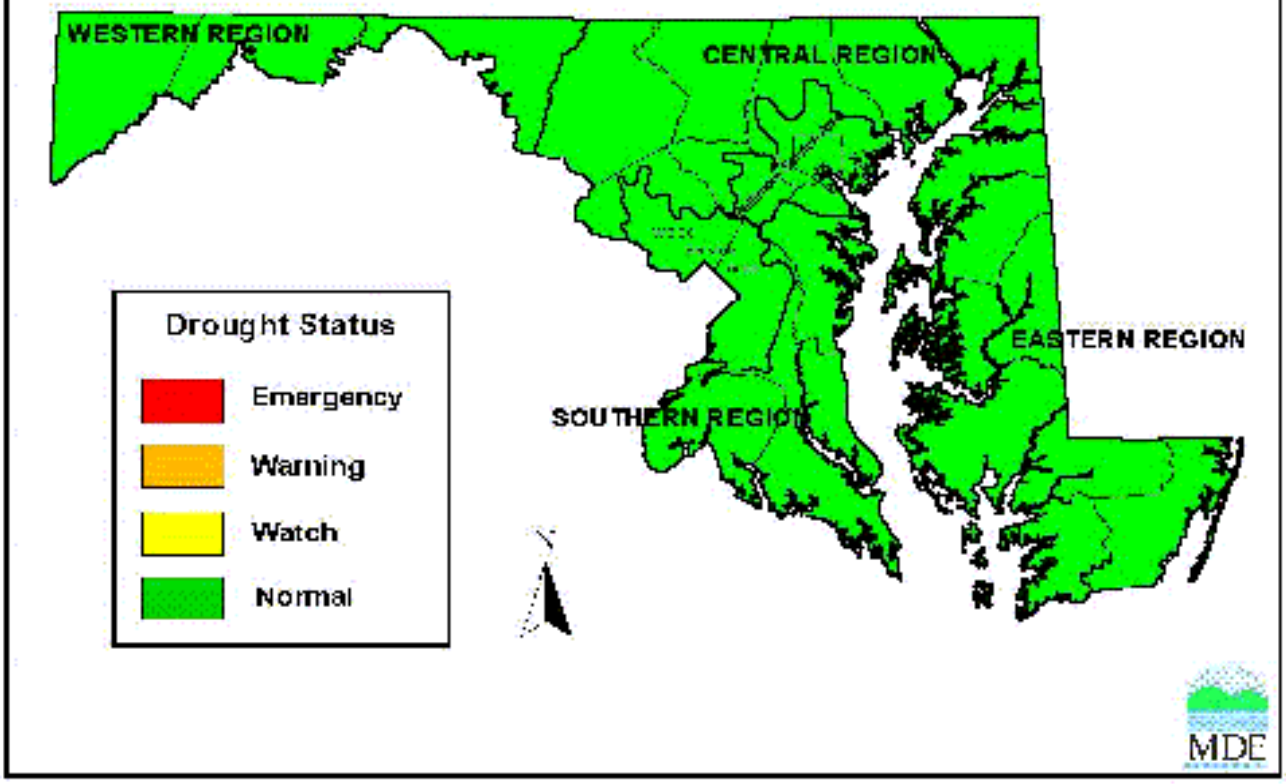
Drought Status in Maryland

As of June 30, 2003



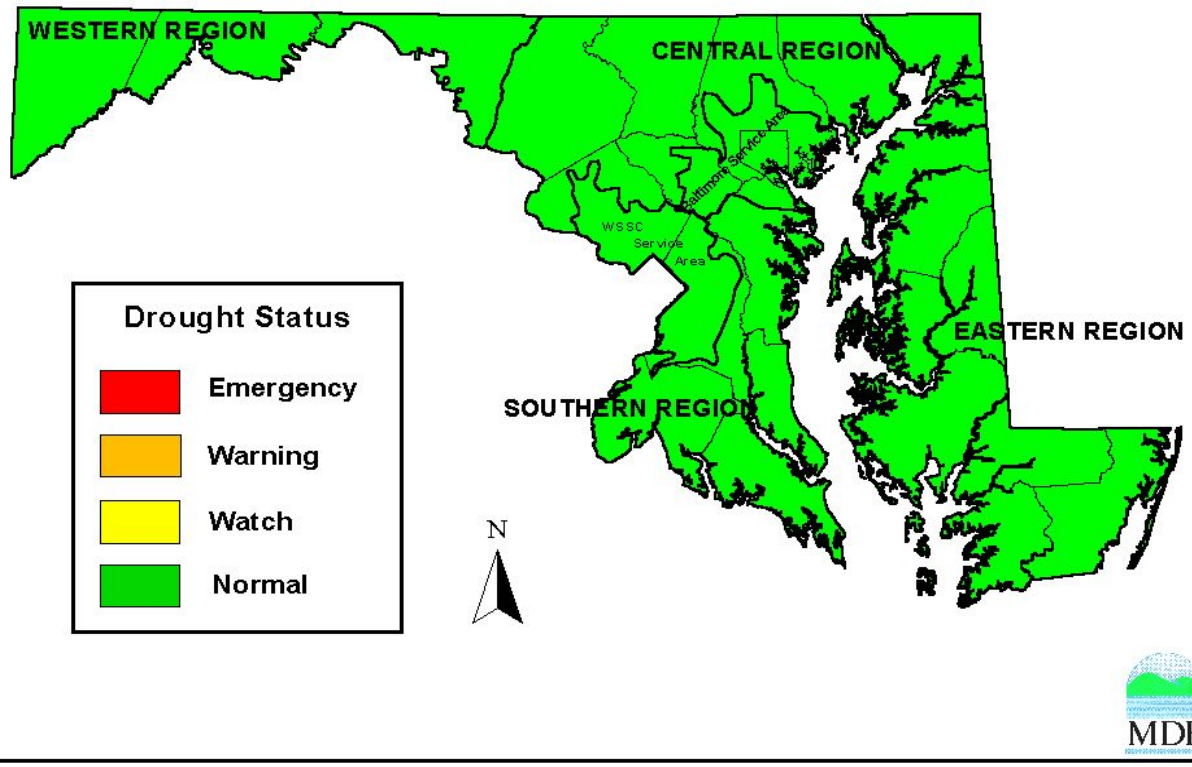
Drought Status in Maryland

As of June 30, 2003



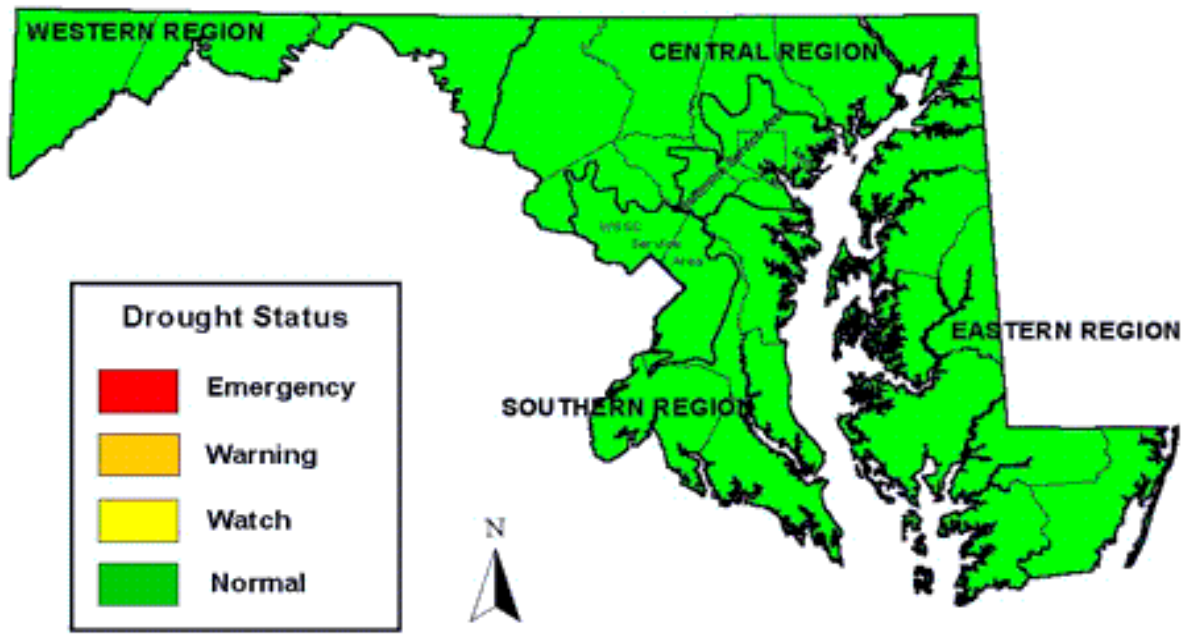
Drought Status in Maryland

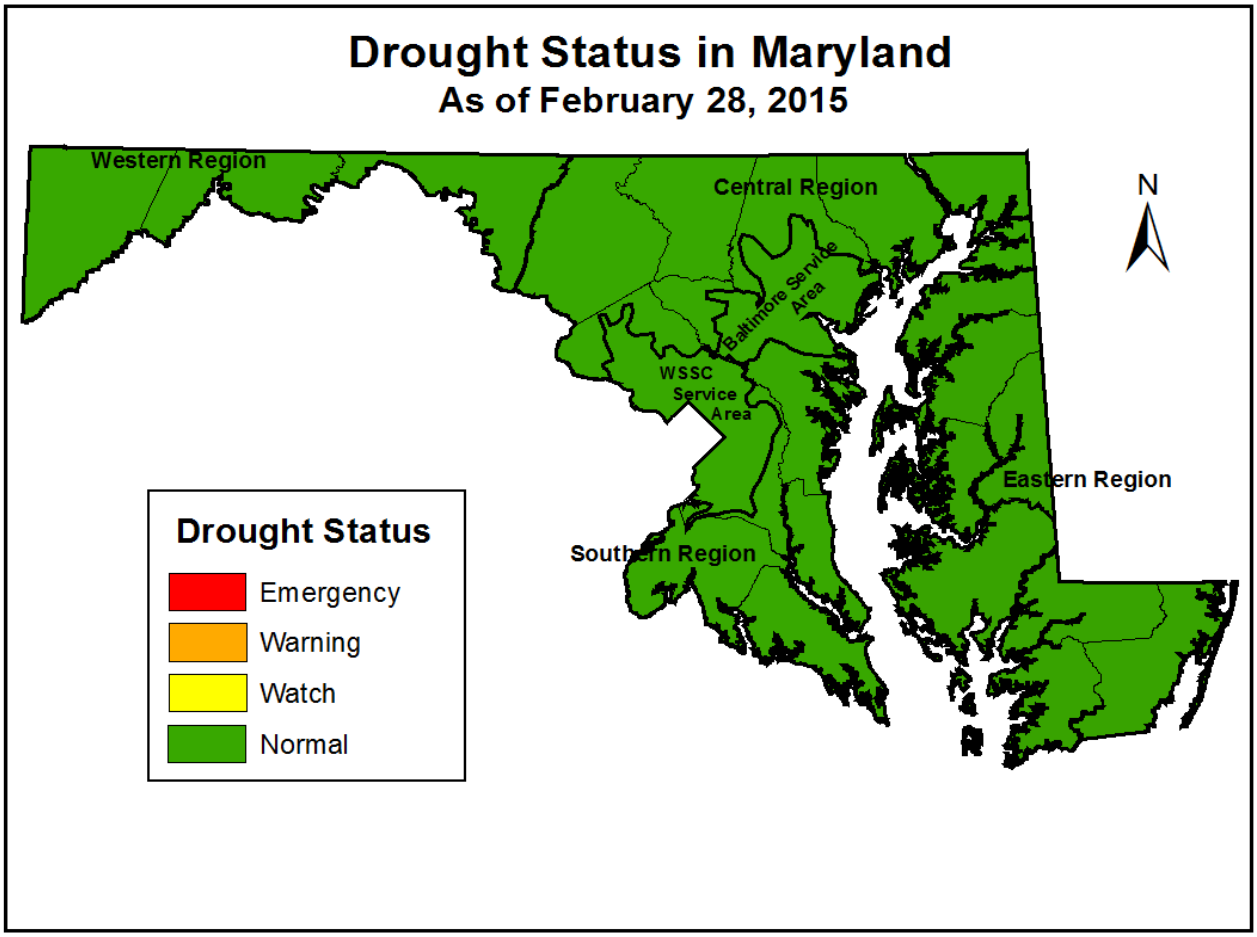
As of May 31, 2003

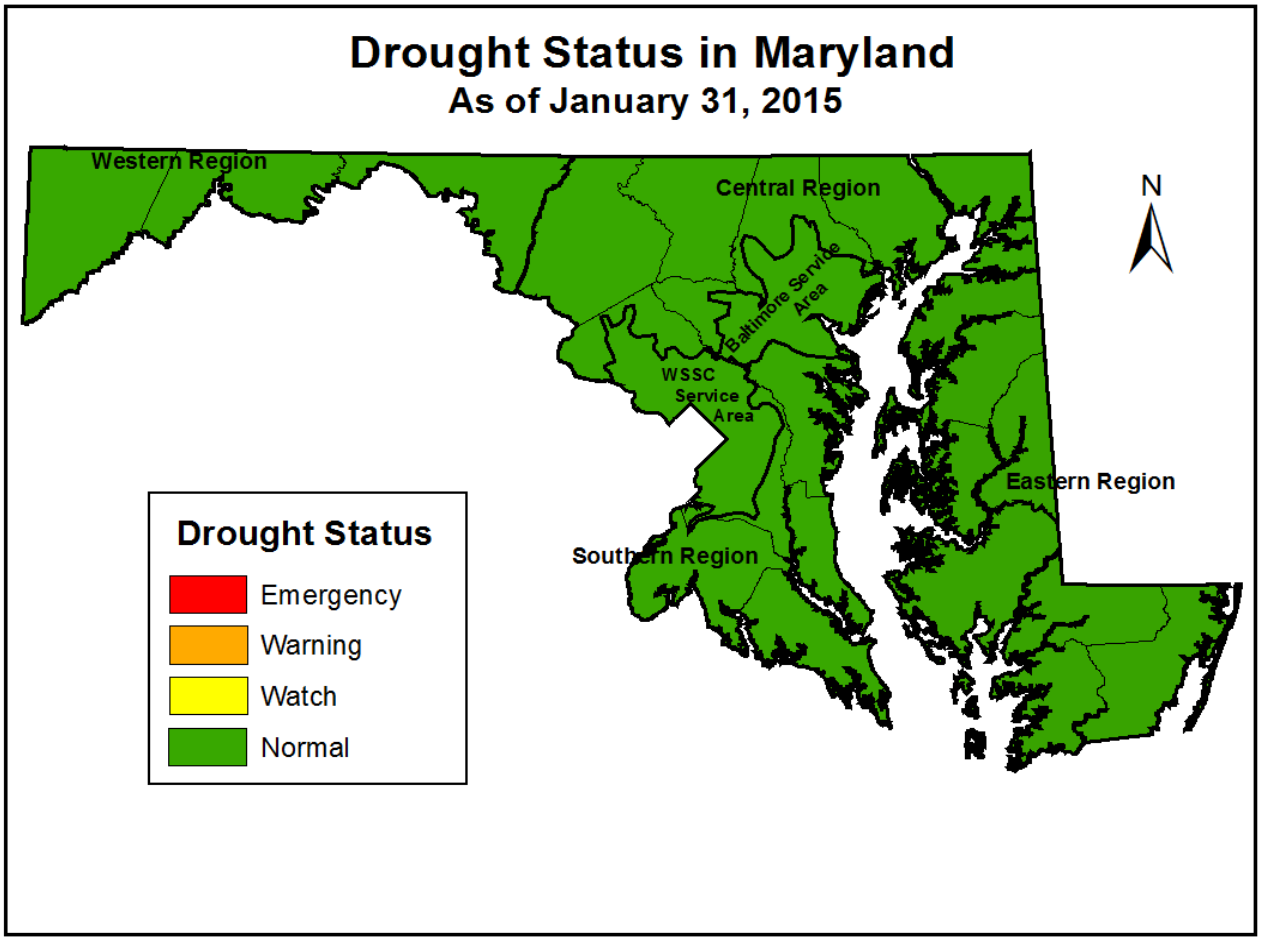


Drought Status in Maryland

As of March 20, 2003

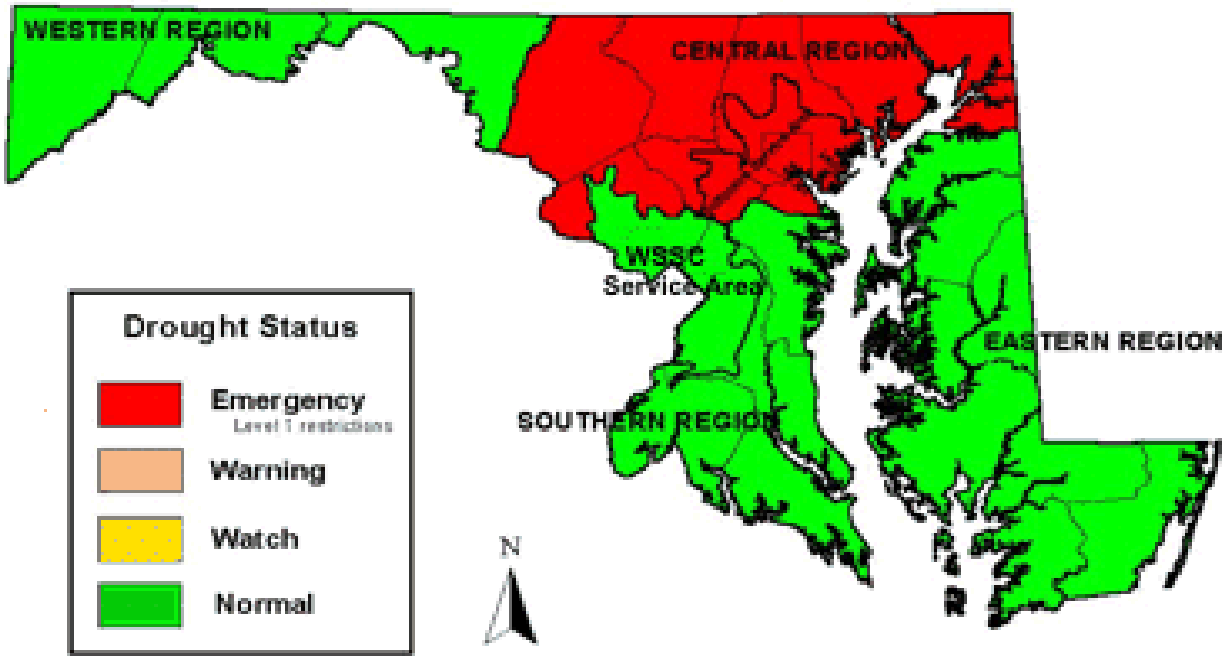



Drought Status in Maryland
As of February 28, 2015
Western Region
Central Region
Baltimore Service Area
WSSC Service Area
Eastern Region
Southern Region
N
Drought Status
Emergency
Warning
Watch
Normal


Drought Status in Maryland
As of January 31, 2015
Western Region
Central Region
Baltimore Service Area
WSSC Service Area
Eastern Region
Southern Region
N
Drought Status
Emergency
Warning
Watch
Normal

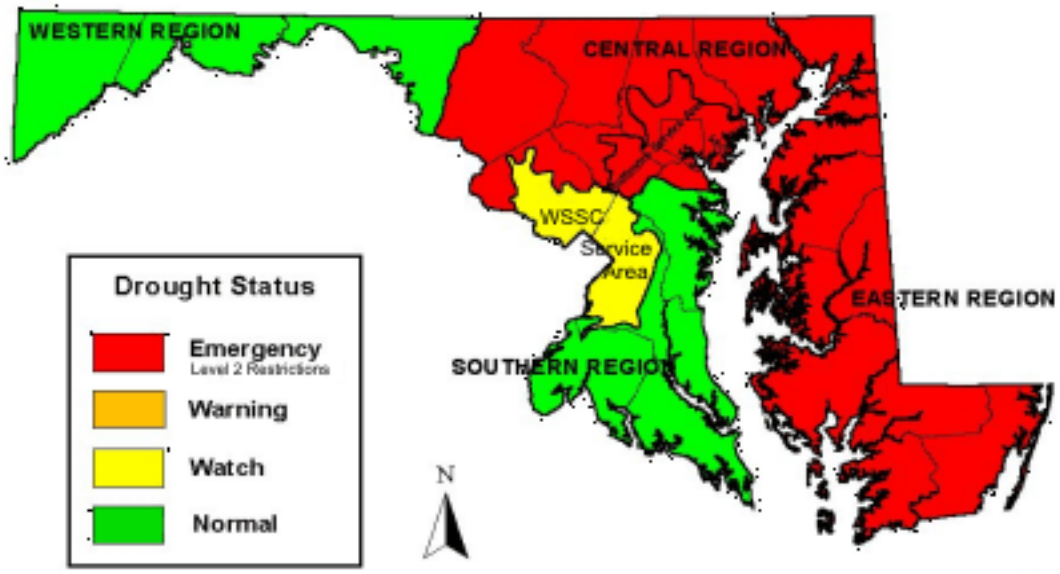
Drought Status in Maryland

As of December 31, 2002



Drought Status in Maryland

As of October 31, 2002



As of November 5, streamflows were normal at all evaluated locations in the region. Streamflow status has been normal for the region as a whole at every evaluation from October 15 to November 5. Regular weekly precipitation has kept stream levels about normal during this period.
As of the end of October, 114 days of storage remained in the Prettyboy/Loch Raven reservoir system and 102 days of storage remained in WSSC's Patuxent Reservoirs. Therefore, the reservoir status indicates drought watch.

This region remains in an ***EMERGENCY*** continuing the mandatory Level Two emergency water use restrictions, which began to be in effect on August 27, 2002.

EASTERN REGION

Kent, Queen Anne's, Caroline, Talbot, Dorchester, Wicomico, Somerset and Worcester Counties are designated as the Eastern Region. Rainfall was at or above normal for all counties in the region in October. Rainfall since September 2001 is 82 percent of normal. The rainfall indicator is now in the watch range.

Ground water levels have recovered at three of the four wells we evaluate on in the Eastern Region. The well in Somerset County, however, while improved, is still in the Emergency range. Overall, the ground water indicator is showing Normal conditions in this region.

The streamflow indicator has been within the normal range for every evaluation in October.

This region remains in an ***EMERGENCY*** continuing the mandatory Level Two emergency water use restrictions, which began to be in effect on August 27, 2002.

SOUTHERN REGION

comprise the Southern Region. The overall status for the Southern Region is ***NORMAL***. Two indicators, precipitation and ground water levels, are used to evaluate this region. While precipitation since August 1, 2002 is 116 percent of normal, accumulated deficits since September indicate a drought warning. Ground water levels in the shallower aquifers indicate

BALTIMORE CITY

supplementing their reservoirs by using water from the Susquehanna River and has declared certain mandatory water use restrictions. The Susquehanna flow was in the Normal range when evaluated on November 5. Rainfall deficits continue while water supplies remain adequate. As a result of the reduced reservoir storage, the Governor has declared a

WSSC

(Jennings-Randolph and Seneca Lake) are at 73% of capacity. Flows on the Potomac remain adequate to meet all of D.C. area water supply and flowby requirements. Reservoirs in Western Maryland are beginning to recover as releases have stopped and are unlikely to restart this autumn. The drought ***WATCH*** declared by the Washington Council of

Drought Status Narative for 2002-12-31

In order to monitor drought conditions across the State, Maryland Department of the Environment performs both weekly and monthly evaluations of hydrologic indicators. These indicators are precipitation, stream flow, ground water levels and reservoir storage. Precipitation and stream flow have been evaluated weekly since drought conditions went to the warning stage in January 2002. These indicators are used in conjunction with the condition of water supplies, status of utilities, temperature, season of year and other relevant factors. This method was endorsed by the Water Conservation/Drought Task Force Committee to measure the impact of a drought on a regional basis throughout the State.

Drought conditions are evaluated on a regional basis. Precipitation, however, is also reviewed statewide and by county. The task force plan allows for staged response to drought, with conditions being in the "Normal," "Watch," "Warning," or "Emergency." In order for a region to be placed in the "Watch," "Warning," or "Emergency" stage, two or more indicators must be in that category or a higher level.