

Summary of Hydrologic Indicators for September 30 2016					
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 2016					
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 2016					
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 2016					
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 2016					
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 15 2016					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Normal[1.]	Warning[1.]	Watch	Normal	Normal[2.]
Central	Normal[1.]	Normal	Watch	Normal	Normal
Eastern	Normal[1.]	Normal[1.]	Normal[1.]	N/A	Normal
Southern	Normal[1.]	N/A	Normal	N/A	Normal

[1.] These indicators were updated to 2016-May-15. All other values are as of 2016-Apr-30.

[2.] While the 30 day average streamflows had not yet recovered at the time of this evaluation, the higher daily flows since the start of the month and the response to more recent rainfall make it clear that at least three of the stream gages in this region, and probably all four, will be within the normal range when evaluated at the end of the month. Since the rainfall and reservoir indicators are also expected to be normal at the end of the month, the drought status is also expected to be normal when evaluated at the end of the month. While the US Drought Monitor for 2016-May-17 still indicates a moderate drought within part of the area, we do not believe that a drought watch is warranted at this time.

Summary of Hydrologic Indicators for April 30 2016					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Watch	Warning	Watch	Normal	Normal[1.]
Central	Normal	Normal	Watch	Normal	Normal
Eastern	Normal	Watch	Watch	N/A	Normal[1.]
Southern	Normal	N/A	Normal	N/A	Normal

[1.]Because of the rainfall that had already occurred at the time this evaluation was completed, and the predicted rainfall at that time, it was decided to defer any drought declaration until a mid-month assessment could be made.

Summary of Hydrologic Indicators for March 31 2016					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Normal	Watch	Normal	Normal	Normal
Central	Normal	Normal	Normal	Normal	Normal
Eastern	Normal	Watch	Normal	N/A	Normal
Southern	Normal	N/A	Normal	N/A	Normal

Summary of Hydrologic Indicators for February 29 2016					
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 January 31 2016					
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 December 31 2015					
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 November 30 2015					
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 October 31 2015					
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 September 30 2015					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Normal	Normal	Watch	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 2015					
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 2015					
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 2015					
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 2015					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Normal	Watch	Watch	Normal	Normal[1.]
Central	Normal	Normal	Normal	Normal	Normal
Eastern	Normal	Normal	Normal	N/A	Normal
Southern	Normal	N/A	Watch	N/A	Normal

Normal[1.] - Although two indicators are in drought Watch, recent precipitation and stream flow response indicate that a drought Watch declaration would not be appropriate at this time.

Summary of Hydrologic Indicators for April 30 2015					
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 March 31 2015					
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 February 28 2015					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Normal	Watch	Watch	Normal	Normal[1.]
Central	Normal	Watch	Normal	Normal	Normal
Eastern	Normal	Normal	Normal	N/A	Normal
Southern	Normal	N/A	Normal	N/A	Normal

[1.] Although there are two indicators in the Watch status for the Western Region, the overall status is considered Normal because:

1. According to the *US Drought Monitor*, conditions have improved between 3/3/2015 and 3/10/2015.
2. There was only one stream gage with reliable data available, making our evaluation limited.
3. Any declaration of drought Watch during a season when there is no outdoor water use would have no real impact.

Summary of Hydrologic Indicators for January 31 2015					
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 December 31 2014					
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 November 30 2014					
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 October 31 2014					
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

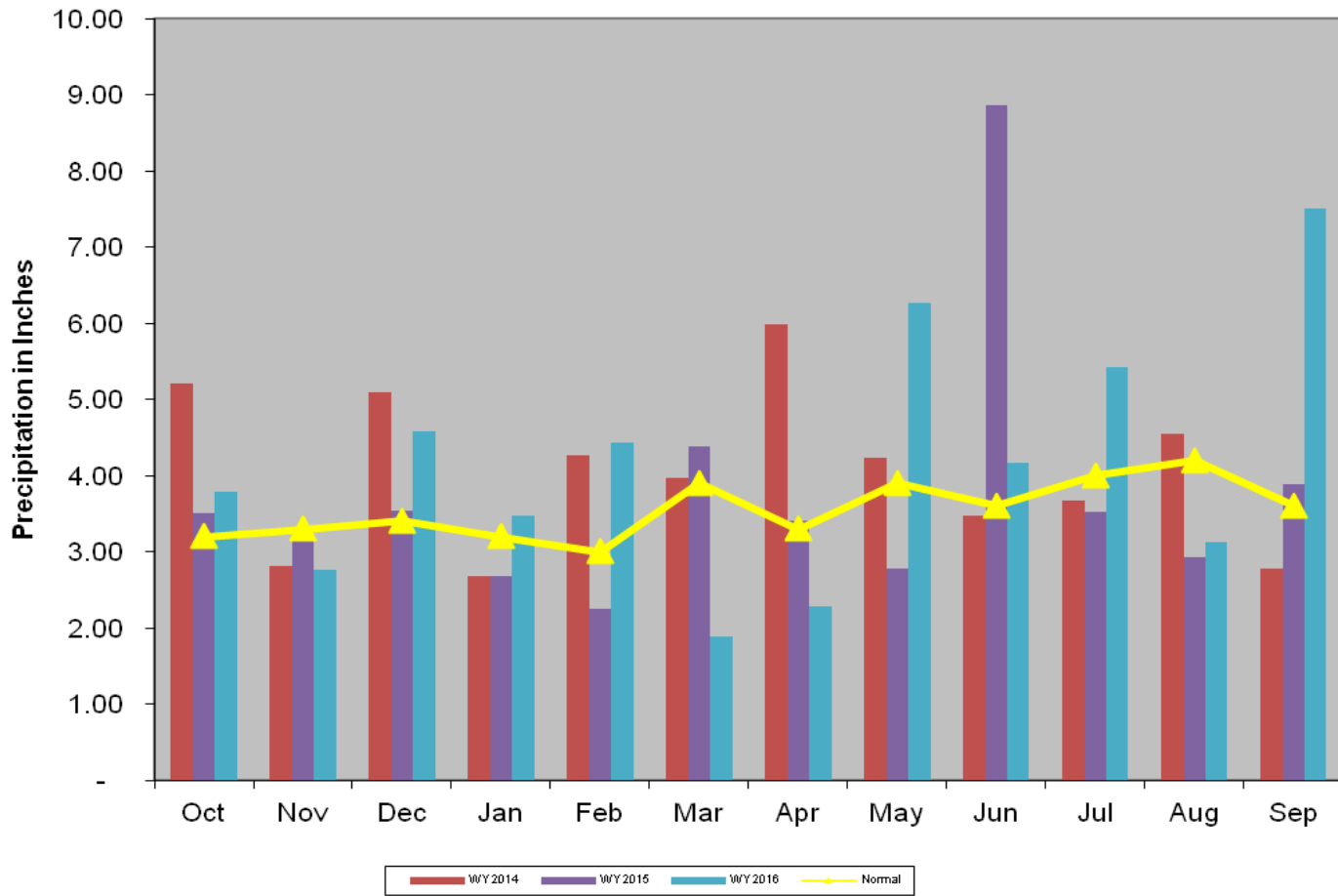
Precipitation Indicators for Maryland Drought Regions

September 30, 2016

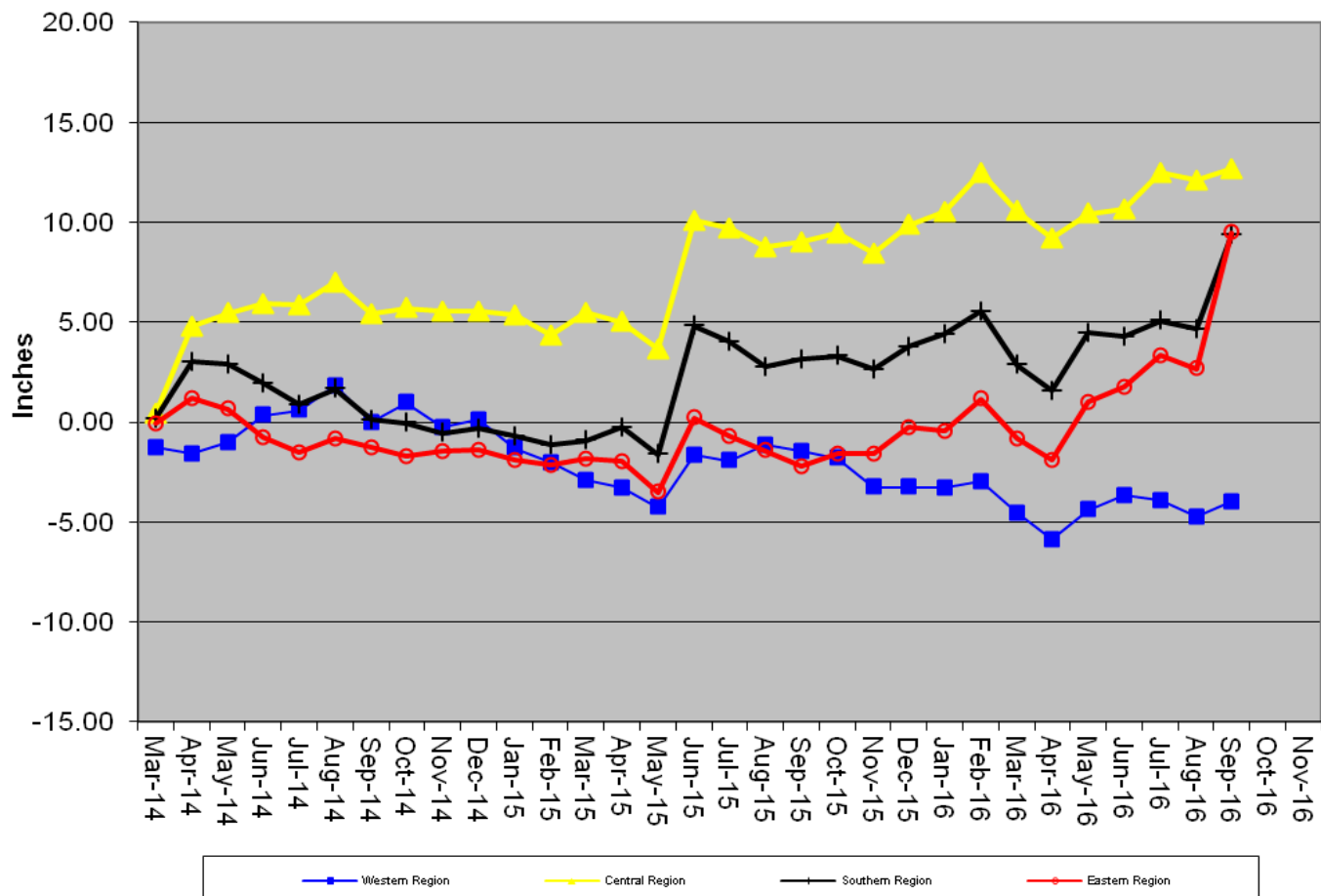
	Since Jun 30, 2016		Since Mar 31, 2016		Since Sep 30, 2015	
Regions	Percent of Normal	Condition	Percent of Normal	Condition	Percent of Normal	Condition
Western	97%	Normal	103%	Normal	94%	Normal
Central	117%	Normal	109%	Normal	108%	Normal
Eastern	164%	Normal	144%	Normal	127%	Normal
Southern	144%	Normal	128%	Normal	114%	Normal

WY or Water Year begins on October 1

Statewide Average Monthly Precipitation Totals for Water Years 2014, 2015, and 2016



Cumulative Precipitation - Departure From Normal Since March 31, 2014



Precipitation Indicators for Maryland Drought Regions						
August 31, 2016						
	Since May 31, 2016		WY To Date		Since Aug 31, 2015	
Regions	Percent of Normal	Condition	Percent of Normal	Condition	Percent of Normal	Condition
Western	97%	Normal	92%	Normal	91%	Normal
Central	115%	Normal	108%	Normal	108%	Normal
Eastern	114%	Normal	112%	Normal	109%	Normal
Southern	102%	Normal	104%	Normal	104%	Normal
WY or Water Year begins on October 1						

Precipitation Indicators for Maryland Drought Regions						
July 31, 2016						
	Since Apr 30, 2016		WY To Date		Since Jul 31, 2015	
Regions	Percent of Normal	Condition	Percent of Normal	Condition	Percent of Normal	Condition
Western	116%	Normal	93%	Normal	95%	Normal
Central	127%	Normal	110%	Normal	106%	Normal
Eastern	145%	Normal	115%	Normal	109%	Normal
Southern	129%	Normal	105%	Normal	102%	Normal
WY or Water Year begins on October 1						

Precipitation Indicators for Maryland Drought Regions						
June 30, 2016						
	Since Mar 31, 2016		WY To Date		Since Jun 30, 2015	
Regions	Percent of Normal	Condition	Percent of Normal	Condition	Percent of Normal	Condition
Western	108%	Normal	93%	Watch	95%	Normal
Central	101%	Normal	105%	Normal	101%	Normal
Eastern	123%	Normal	112%	Normal	103%	Normal
Southern	112%	Normal	104%	Normal	99%	Normal
WY or Water Year begins on October 1						

Precipitation Indicators for Maryland Drought Regions						
31-May-16						
	Since Feb 29, 2016		WT To Date		Since May 31, 2015	
Regions	Percent of Normal	Condition	Percent of Normal	Condition	Percent of Normal	Condition
Western	88%	Normal	89%	Normal	100%	Normal
Central	83%	Normal	105%	Normal	115%	Normal
Eastern	99%	Normal	111%	Normal	110%	Normal
Southern	90%	Normal	105%	Normal	114%	Normal
¹ WY or Water Year begins on October 1.						

Precipitation Indicators for Maryland Drought Regions						
May 15, 2016						
	Since Feb 29, 2016		WY To Date		Since May 31, 2015	
Regions	Percent of Normal	Condition	Percent of Normal	Condition	Percent of Normal	Condition
Western	79%	Unknown	86%	Normal	98%	Normal
Central	82%	Unknown	107%	Normal	117%	Normal
Eastern	87%	Unknown	108%	Normal	108%	Normal
Southern	76%	Unknown	101%	Normal	112%	Normal
WY or Water Year begins on October 1						

Precipitation Indicators for Maryland Drought Regions						
April 30, 2016						
	Since Jan 31, 2016		WY To Date		Since Apr 30, 2015	
Regions	Percent of Normal	Condition	Percent of Normal	Condition	Percent of Normal	Condition
Western	75%	Watch	81%	Watch	94%	Normal
Central	88%	Normal	101%	Normal	110%	Normal
Eastern	86%	Normal	101%	Normal	100%	Normal
Southern	72%	Watch	93%	Normal	104%	Normal
WY or Water Year begins on October 1						

Precipitation Indicators for Maryland Drought Regions						
March 31, 2016						
	Since Dec 31, 2015		WY To Date		Since Mar 31, 2015	
Regions	Percent of Normal	Condition	Percent of Normal	Condition	Percent of Normal	Condition
Western	86%	Normal	84%	Normal	96%	Normal
Central	107%	Normal	108%	Normal	111%	Normal
Eastern	94%	Normal	107%	Normal	102%	Normal
Southern	91%	Normal	99%	Normal	109%	Normal
WY or Water Year begins on October 1						

Precipitation Indicators for Maryland Drought Regions						
February 28, 2016						
	Since Nov 30, 2015		WY To Date		Since Feb 28, 2015	
Regions	Percent of Normal	Condition	Percent of Normal	Condition	Percent of Normal	Condition
Western	103%	Normal	90%	Normal	98%	Normal
Central	142%	Normal	121%	Normal	118%	Normal
Eastern	128%	Normal	120%	Normal	108%	Normal
Southern	131%	Normal	115%	Normal	115%	Normal
WY or Water Year begins on October 1						

Precipitation Indicators for Maryland Drought Regions						
January 31, 2016						
	WY To Date		Since July 31, 2015		Since Jan 31, 2015	
Regions	Percent of Normal	Condition	Percent of Normal	Condition	Percent of Normal	Condition
Western	85%	Normal	93%	Normal	95%	Normal
Central	111%	Normal	104%	Normal	112%	Normal
Eastern	113%	Normal	101%	Normal	103%	Normal
Southern	109%	Normal	102%	Normal	112%	Normal
WY or Water Year begins on October 1						

Precipitation Indicators for Maryland Drought Regions						
December 31, 2015						
	WY To Date		Since June 30, 2015		Since Dec 31, 2014	
Regions	Percent of Normal	Condition	Percent of Normal	Condition	Percent of Normal	Condition
Western	81%	Normal	92%	Normal	92%	Normal
Central	108%	Normal	99%	Normal	110%	Normal
Eastern	119%	Normal	98%	Normal	103%	Normal
Southern	106%	Normal	95%	Normal	109%	Normal
WY or Water Year begins on October 1						

Precipitation Indicators for Maryland Drought Regions						
November 30, 2015						
	Since August 31, 2015		Since May 31, 2015		Since Nov 30, 2014	
Regions	Percent of Normal	Condition	Percent of Normal	Condition	Percent of Normal	Condition
Western	79%	Normal	105%	Normal	93%	Normal
Central	97%	Normal	121%	Normal	107%	Normal
Eastern	98%	Normal	109%	Normal	100%	Normal
Southern	99%	Normal	119%	Normal	107%	Normal
WY or Water Year begins on October 1						

Precipitation Indicators for Maryland Drought Regions						
October 31, 2015						
	Since July 31, 2015		Since April 30, 2015		Since Oct 31, 2014	
Regions	Percent of Normal	Condition	Percent of Normal	Condition	Percent of Normal	Condition
Western	101%	Normal	107%	Normal	93%	Normal
Central	98%	Normal	119%	Normal	109%	Normal
Eastern	92%	Normal	102%	Normal	100%	Normal
Southern	93%	Normal	115%	Normal	108%	Normal
WY or Water Year begins on October 1						

Stream Flow Status Based on Thirty Day Average: 30-Sep-2016					
Region	Stream Gage Location	Notes	Status Based on 30 Day Average		
			30 Day Average (cfs)	Percentage	Status
Western	Youghiogheny (near Oakland)		18	10% - 15%	Watch
Western	Savage River (near Barton)		12.3	65% - 70%	Normal
Western	Wills Creek (near Cumberland)		56.5	60% - 65%	Normal
Western and Central	Antietam Creek (near Sharpsburg)		118	30% - 35%	Normal
Central	Monocacy (Jug Bridge near Frederick)		145	30% - 35%	Normal
Central	Patuxent (near Unity)		19.9	65% - 70%	Normal
Central	Deer Cr (at Rocks)		62	40% - 45%	Normal
Eastern	Choptank (near Greensboro)		73	75% - 80%	Normal
Eastern	Nassawango Creek (near Snow Hill)		108.4	> 95%	Normal
	Susquehanna (at Marietta)		5,506	20% - 25%	Normal
	Potomac (at Little Falls)(Adjusted)		2,166	25% - 30%	Normal

Notes:

Stream Flow Status Based on Thirty Day Average: 31-Aug-2016					
Region	Stream Gage Location	Notes	Status Based on 30 Day Average		
			30 Day Average (cfs)	Percentage	Status
Western	Youghiogheny (near Oakland)		36	25% - 30%	Normal
Western	Savage River (near Barton)		5.7	30% - 35%	Normal
Western	Wills Creek (near Cumberland)		44.3	30% - 35%	Normal
Western and Central	Antietam Creek (near Sharpsburg)		151	40% - 45%	Normal
Central	Monocacy (Jug Bridge near Frederick)		220	40% - 45%	Normal
Central	Patuxent (near Unity)		20.8	60% - 65%	Normal
Central	Deer Cr (at Rocks)		81	55% - 60%	Normal
Eastern	Choptank (near Greensboro)		29	45% - 50%	Normal
Eastern	Nassawango Creek (near Snow Hill)		7.4	35% - 40%	Normal
	Susquehanna (at Marietta)		9,942	50% - 55%	Normal
	Potomac (at Little Falls)(Adjusted)		3,720	45% - 50%	Normal

Notes:

Stream Flow Status Based on Thirty Day Average: 31-Jul-2016					
Region	Stream Gage Location	Notes	Status Based on 30 Day Average		
			30 Day Average (cfs)	Percentage	Status
Western	Youghiogheny (near Oakland)		97	45% - 50%	Normal
Western	Savage River (near Barton)		10.6	40% - 45%	Normal
Western	Wills Creek (near Cumberland)		53.8	20% - 25%	Watch
Western and Central	Antietam Creek (near Sharpsburg)		182	45% - 50%	Normal
Central	Monocacy (Jug Bridge near Frederick)		326	50% - 55%	Normal
Central	Patuxent (near Unity)		42.7	85% - 90%	Normal
Central	Deer Cr (at Rocks)		87	50%	Normal
Eastern	Choptank (near Greensboro)		59	60% - 65%	Normal
Eastern	Nassawango Creek (near Snow Hill)		33.3	75% - 80%	Normal
	Susquehanna (at Marietta)		6,859	10% - 15%	Watch
	Potomac (at Little Falls)(Adjusted)		4,554	50% - 55%	Normal

Notes:

Stream Flow Status Based on 30 Day Average as of June 30, 2016					
Region	Stream Gage Location	Notes	Status Based on 30 Day Average		
			30 Day Average (cfs)	Percentage	Status
Western	Youghiogheny (near Oakland)		121	40% - 45%	Normal
Western	Savage River (near Barton)		65.5	70% - 75%	Normal
Western	Wills Creek (near Cumberland)		318	75% - 80%	Normal
Western and Central	Antietam Creek (near Sharpsburg)		252	45% - 50%	Normal
Central	Monocacy (Jug Bridge near Frederick)		592	55% - 60%	Normal
Central	Patuxent (near Unity)		32.5	50% - 55%	Normal
Central	Deer Cr (at Rocks)		96	30% - 35%	Normal
Eastern	Choptank (near Greensboro)		101	60% - 65%	Normal
Eastern	Nassawango Creek (near Snow Hill)		56.2	85% - 90%	Normal
	Susquehanna (at Marietta)		15,638	25% - 30%	Normal
	Potomac (at Little Falls)(Adjusted)	1.	10,340	65% - 70%	Normal

Notes:

1. Three missing values was estimated using interpolation

Stream Flow Status Based on Thirty Day Average: 31-May-2016					
Region	Stream Gage Location	Notes	Status Based on 30 Day Average		
			30 Day Average (cfs)	Percentage	Status
Western	Youghiogheny (near Oakland)	1.	645	90% - 95%	Notmsl
Western	Savage River (near Barton)		140	70% - 75%	Normal
Western	Wills Creek (near Cumberland)		548	60% - 65%	Normal
Western and Central	Antietam Creek (near Sharpsburg)		384	60% - 65%	Normal
Central	Monocacy (Jug Bridge near Frederick)		1,398	70% - 75%	Normal
Central	Patuxent (near Unity)		47.1	55% - 60%	Normal
Central	Deer Cr (at Rocks)		153	55% - 60%	Normal
Eastern	Choptank (near Greensboro)		267	85% - 90%	Normal
Eastern	Nassawango Creek (near Snow Hill)		68.4	85% - 90%	Normal
	Susquehanna (at Marietta)	2.	34,450	35% - 40%	Normal
	Potomac (at Little Falls)(Adjusted)	3.	19,755	70% - 75%	Normal

Notes:

1. One missing values was estimated using interpolation
2. Two missing values were estimated using interpolation
3. Two missing values were neglected

Stream Flow Status Based on Thirty Day Average: 15-May-2016 for the Western Region, the

Region	Stream Gage Location	Notes	Status Based on 30 Day Average		
			30 Day Average (cfs)	Percentage	Status
Western	Youghiogheny (near Oakland)	1.	476	35% - 40%	Normal
Western	Savage River (near Barton)	1.	63.3	5% - 10%	Warning
Western	Wills Creek (near Cumberland)	1.	275	5% - 10%	Warning
Western and Central	Antietam Creek (near Sharpsburg)	1.	330	20%-25%	Watch
Central	Monocacy (Jug Bridge near Frederick)	2.	660	10% - 15%	Watch
Central	Patuxent (near Unity)	2.	41.2	30% - 35%	Normal
Central	Deer Cr (at Rocks)	2.	153	40% - 45%	Normal
Eastern	Choptank (near Greensboro)	1.	219	75% - 80%	Normal
Eastern	Nassawango Creek (near Snow Hill)	1.	50.8	45% - 50%	Normal
	Susquehanna (at Marietta)	2.	33,810	<5%	Emergency
	Potomac (at Little Falls)(Adjusted)	1. , 3.	14,382	25%	Watch

Notes:

1. Updated to 2016-May-15
2. As of 2016-Apr-30
3. Two missing values were estimated from real time data

Stream Flow Status Based on Thirty Day Average: 30-Apr-2016

Region	Stream Gage Location	Notes	Status Based on 30 Day Average		
			30 Day Average (cfs)	Percentage	Status
Western	Youghiogheny (near Oakland)		335	30% - 35%	Normal
Western	Savage River (near Barton)	1.	37.4	<5%	Emergency
Western	Wills Creek (near Cumberland)		160	<5%	Emergency
Western and Central	Antietam Creek (near Sharpsburg)		262	15% - 20%	Watch
Central	Monocacy (Jug Bridge near Frederick)		660	10% - 15%	Watch
Central	Patuxent (near Unity)		41.2	30% - 35%	Normal
Central	Deer Cr (at Rocks)		153	40% - 45%	Normal
Eastern	Choptank (near Greensboro)		108	20% - 25%	Watch
Eastern	Nassawango Creek (near Snow Hill)		40.8	25% - 30%	Normal
	Susquehanna (at Marietta)		33,810	<5%	Emergency
	Potomac (at Little Falls)(Adjusted)		7,231	<5%	Emergency

Notes

1. One missing value was estimated using interpolation

Stream Flow Status Based on Thirty Day Average: 31-Mar-2016					
Region	Stream Gage Location	Notes	Status Based on 30 Day Average		
			30 Day Average (cfs)	Percentage	Status
Western	Youghiogheny (near Oakland)		311	5% - 10%	Warning
Western	Savage River (near Barton)		89.8	10% - 15%	Watch
Western	Wills Creek (near Cumberland)		434	15% - 20%	Watch
Western and Central	Antietam Creek (near Sharpsburg)		465	50% - 55%	Normal
Central	Monocacy (Jug Bridge near Frederick)		1,115	20% - 25%	Watch
Central	Patuxent (near Unity)		54.6	45% - 50%	Normal
Central	Deer Cr (at Rocks)		176	60% - 65%	Normal
Eastern	Choptank (near Greensboro)		181	20% - 25%	Watch
Eastern	Nassawango Creek (near Snow Hill)		43.3	10% - 15%	Watch
	Susquehanna (at Marietta)		42,267	10% - 15%	Watch
	Potomac (at Little Falls)(Adjusted)		13,392	20% - 25%	Watch

Stream Flow Status Based on Thirty Day Average: 29-Feb-2016					
Region	Stream Gage Location	Notes	Status Based on 30 Day Average		
			30 Day Average (cfs)	Percentage	Status
Western	Youghiogheny (near Oakland)	1.	573	65% - 70%	Normal
Western	Savage River (near Barton)	2.	232.0	90% - 95%	Normal
Western	Wills Creek (near Cumberland)	3.	873	85% - 90%	Normal
Western and Central	Antietam Creek (near Sharpsburg)		746	90% - 95%	Normal
Central	Monocacy (Jug Bridge near Frederick)	1.	4,107	>95%	Normal
Central	Patuxent (near Unity)		104.9	90% - 95%	Normal
Central	Deer Cr (at Rocks)	4.	346	>95%	Normal
Eastern	Choptank (near Greensboro)		400	85% - 90%	Normal
Eastern	Nassawango Creek (near Snow Hill)	3.	127.7	80% - 85%	Normal
	Susquehanna (at Marietta)		72,553	85% - 90%	Normal
	Potomac (at Little Falls)(Adjusted)		38,607	>95%	Normal

Notes

1. Two missing values were neglected
2. Nine missing values were neglected
3. One missing value was neglected
4. Five missing values were neglected

Stream Flow Status Based on Thirty Day Average: 31-Jan-2016					
Region	Stream Gage Location	Notes	Status Based on 30 Day Average		
			30 Day Average (cfs)	Percentage	Status
Western	Youghiogheny (near Oakland)	1.			Unknown
Western	Savage River (near Barton)	1.			Unknown
Western	Wills Creek (near Cumberland)	2.	382	50% - 55%	Normal
Western and Central	Antietam Creek (near Sharpsburg)	3.	242	45% - 50%	Normal
Central	Monocacy (Jug Bridge near Frederick)		1,466	70% - 75%	Normal
Central	Patuxent (near Unity)	4.	43.4	50% - 55%	Normal
Central	Deer Cr (at Rocks)	1.			Unknown
Eastern	Choptank (near Greensboro)		148	35% - 40%	Normal
Eastern	Nassawango Creek (near Snow Hill)		76.0	50% - 55%	Normal
	Susquehanna (at Marietta)		45,643	55% - 60%	Normal
	Potomac (at Little Falls)(Adjusted)		13,054	55% - 60%	Normal

Notes:

1. Too many values were unavailable as of 2016-Feb-23 to evaluate
2. Twelve missing values were ignored
3. Four missing values were ignored
4. Eight missing values were ignored

Stream Flow Status Based on Thirty Day Average: 31-Dec-2015					
Region	Stream Gage Location	Notes	Status Based on 30 Day Average		
			30 Day Average (cfs)	Percentage	Status
Western	Youghiogheny (near Oakland)		313	35-40%	Normal
Western	Savage River (near Barton)		84.6	50-55%	Normal
Western	Wills Creek (near Cumberland)		333	55-60%	Normal
Western and Central	Antietam Creek (near Sharpsburg)	1.	162	30-35%	Normal
Central	Monocacy (Jug Bridge near Frederick)		1,442	65-70%	Normal
Central	Patuxent (near Unity)		46.8	65-70%	Normal
Central	Deer Cr (at Rocks)	2.	115	55-60%	Normal
Eastern	Choptank (near Greensboro)		117	50-55%	Normal
Eastern	Nassawango Creek (near Snow Hill)	2.	50.6	45-50%	Normal
	Susquehanna (at Marietta)		33,129	35-40%	Normal
	Potomac (at Little Falls)(Adjusted)		11,526	55-60%	Normal

Notes:

1. Two missing values were estimated using linear interpolation
2. One missing value was estimated using linear interpolation

Stream Flow Status Based on Thirty Day Average: 30-Nov-2015					
Region	Stream Gage Location	Notes	Status Based on 30 Day Average		
			30 Day Average (cfs)	Percentage	Status
Western	Youghiogheny (near Oakland)		98	20%	Watch
Western	Savage River (near Barton)		29.2	40% - 45%	Normal
Western	Wills Creek (near Cumberland)		93	35% - 40%	Normal
Western and Central	Antietam Creek (near Sharpsburg)	2.	132	35% - 40%	Normal
Central	Monocacy (Jug Bridge near Frederick)		472	45% - 50%	Normal
Central	Patuxent (near Unity)		20.8	40% - 45%	Normal
Central	Deer Cr (at Rocks)		82	40% - 45%	Normal
Eastern	Choptank (near Greensboro)		57	40% - 45%	Normal
Eastern	Nassawango Creek (near Snow Hill)		28.2	55% - 60%	Normal
	Susquehanna (at Marietta)		24,093	40% - 45%	Normal
	Potomac (at Little Falls)(Adjusted)		5,829	50% - 55%	Normal

Notes:

2. Two missing values were estimated using linear interpolation

Stream Flow Status Based on Thirty Day Average: 31-Oct-2015					
Region	Stream Gage Location	Notes	Status Based on 30 Day Average		
			30 Day Average (cfs)	Percentage	Status
Western	Youghiogheny (near Oakland)		61	40% - 45%	Normal
Western	Savage River (near Barton)		25.6	70% - 75%	Normal
Western	Wills Creek (near Cumberland)	2.	68	55% - 60%	Normal
Western and Central	Antietam Creek (near Sharpsburg)		146	55%	Normal
Central	Monocacy (Jug Bridge near Frederick)		855	75% - 80%	Normal
Central	Patuxent (near Unity)		23.0	70% - 75%	Normal
Central	Deer Cr (at Rocks)		104	70% - 75%	Normal
Eastern	Choptank (near Greensboro)		78	70%	Normal
Eastern	Nassawango Creek (near Snow Hill)		16.2	60% - 65%	Normal
	Susquehanna (at Marietta)		13,716	50% - 55%	Normal
	Potomac (at Little Falls)(Adjusted)		7,952	75% - 80%	Normal

Notes:

2. One missing values were neglected

Ground Water Status - End of Sep 2016				
Region	USGS Well ID	Well Level[1]	Status	Regional Status
Western	GA Bc 1	16.17	Watch	Normal
	AL Ah 1	5.04	Normal	
	WA Be 2	33.75	Normal	
	WA Bk 25	48.81	Emergency	
Central	BA Ea 18	20.37	Normal	Normal
	HA Bd 31	15.17	Normal	
	HA Ca 23	8.40	Watch	
	MO Cc 14	35.68	Normal	
	MO Eh 20	15.59[6]	Watch	
Eastern	QA Cg 69	4.65	Normal	Normal
	WI Cg 20	5.85	Normal	
	MC51-01	14.35	Watch	
	SO Cf 2	5.65	Watch	
Southern	CH Bg 12 (unconfined)	8.56	Normal	Normal
	AA Cc 40 (confined)	50.42	Watch	
	CA Bb 27 (confined)	182.28	On Trend[4]	
	CH Dd 33 (confined)	[2]	Unknown	
	PG De 21 (confined)	[2]	Unknown	
	SM Fg 45 (confined)	93.22	On Trend[4]	
<p>Well Level[1] - Measurement of water level as feet below land surface</p> <p>[2] - Not available as of 2016-10-12</p> <p>[3] - Value computed from real time measurement</p> <p>On Trend[4] - 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.</p> <p>[5] - Measurement from 2016-09-07 and included in last month's well evaluation</p> <p>[6] - Measurement made October 6</p>				

Ground Water Status - End of Aug 2016

Region	USGS Well ID	Well Level[1]	Status	Regional Status
Western	GA Bc 1	14.86	Normal	Normal
	AL Ah 1	4.90	Normal	
	WA Be 2	32.55	Normal	
	WA Bk 25	48.68	Warning	
Central	BA Ea 18	19.74	Normal	Normal
	HA Bd 31	14.44	Watch	
	HA Ca 23	8.06	Warning	
	MO Cc 14	32.46	Normal	
	MO Eh 20	15.09	Normal	
Eastern	QA Cg 69	3.90	Normal	Normal
	WI Cg 20	5.94	Normal	
	MC51-01	13.72	Watch	
	SO Cf 2	5.68	Warning	
Southern	CH Bg 12 (unconfined)	7.68	Normal	Normal
	AA Cc 40 (confined)	50.42	Watch	
	CA Bb 27 (confined)	180.60	On Trend[4]	
	CH Dd 33 (confined)	[2]	Unknown	
	PG De 21 (confined)	[2]	Unknown	
	SM Fg 45 (confined)	[2]	Unknown	

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

[2] - Not available as of 2016-Sep-16 at 10:30 PM

[3] - Value computed from real time measurement

On Trend[4] - 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 Status - End of Jul 2016

Region	USGS Well ID	Well Level[1]	Status	Regional Status
Western	GA Bc 1	15.73	Normal	Normal
	AL Ah 1	4.92	Normal	
	WA Be 2	32.25	Normal	
	WA Bk 25	47.67	Emergency	
Central	BA Ea 18	19.94	Normal	Normal
	HA Bd 31	12.80	Normal	
	HA Ca 23	7.68	Warning	
	MO Cc 14	34.45	Normal	
	MO Eh 20	14.65	Watch	
Eastern	QA Cg 69	3.35	Normal	Normal
	WI Cg 20	5.64	Normal	
	MC51-01	13.03	Normal	
	SO Cf 2	4.42	Normal	
Southern	CH Bg 12 (unconfined)	6.80	Normal	Normal
	AA Cc 40 (confined)	[2]	Unknown	
	CA Bb 27 (confined)	179.07	On Trend[4]	
	CH Dd 33 (confined)	[2]	Unknown	
	PG De 21 (confined)	[2]	Unknown	
	SM Fg 45 (confined)	[2]	Unknown	

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

[2] - Not available as of 2016-Aug-05 at 2:00 PM

[3] - Value computed from real time measurement

On Trend[4] - 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 Status - End of June, 2016

Region	USGS Well ID	Well Level[1]	Status	Regional Status
Western	AL Ah 1	4.31	Normal	Normal
	GA Bc 1	15.01	Normal	
	WA Be 2	30.63	Normal	
	WA Bk 25	42.91	Normal	
Central	BA Ea 18	18.98	Normal	Normal
	HA Bd 31	10.91	Watch	
	HA Ca 23	7.04	Watch	
	MO Cc 14	31.79	Normal	
Eastern	MO Eh 20	13.61	Normal	Normal
	QA Cg 69	3.52	Normal	
	WI Cg 20	4.69	Normal	
	MC51-01	12.77	Watch	
Southern	SO Cf 2	4.50	Watch	Normal
	CH Bg 12 (unconfined)	3.53	Normal	
	AA Cc 40 (confined)	Na[2]	Unknown	
	CA Bb 27 (confined)	177.10	On Trend[4]	
	CH Dd 33 (confined)	Na[2]	Unknown	
	PG De 21 (confined)	Na[2]	Unknown	
	SM Fg 45 (confined)	Na[2]	Unknown	

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

[2] - Measurements not reported as of 2016-Jul-08 at 3:30 PM

[3] - Value computed from real time measurement

On Trend[4] - 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 Status - End of May, 2016

Region	USGS Well ID	Well Level[1]	Status	Regional Status
Western	AL Ah 1	3.04	Normal	Normal
	GA Bc 1	7.88	Normal	
	WA Be 2	30.35	Normal	
	WA Bk 25	36.42	Normal	
Central	BA Ea 18	19.03	Normal	Normal
	HA Bd 31	10.91	Watch	
	HA Ca 23	6.28	Normal	
	MO Cc 14	28.64	Normal	
	MO Eh 20	13.18	Watch	
Eastern	QA Cg 69	3.89	Normal	Normal
	WI Cg 20	4.17	Normal	
	MC51-01	11.58	Normal	
	SO Cf 2	0.92	Normal	
Southern	CH Bg 12 (unconfined)	2.26	Normal	Normal
	AA Cc 40 (confined)	48.98	On Trend[4]	
	CA Bb 27 (confined)	174.09	On Trend[4]	
	CH Dd 33 (confined)	Na[2]	Unknown	
	PG De 21 (confined)	Na[2]	Unknown	
	SM Fg 45 (confined)	Na[2]	Unknown	

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

[2] - Measurements not reported as of 2016-Jun-10 at 9:30 AM

[3] - Value computed from real time measurement

On Trend[4] - 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 Status - End of Apr 2016 But With One Well, MC51-01, Updated to 2016-May-15 Using Adjusted Data from Real Time Well MC51-01a

Region	USGS Well ID	Well Level[1]	Status	Regional Status
Western	AL Ah 1	4.76	Watch	Watch
	WA Be 2	30.80	Watch	
	WA Bk 25	42.88	Watch	
Central	BA Ea 18	18.90	Normal	Watch
	HA Bd 31	11.24	Warning	
	HA Ca 23	5.91	Normal	
	MO Cc 14	31.43	Watch	
	MO Eh 20	13.32	Warning	
Eastern	QA Cg 69	[5]	Unknown	Normal
	WI Cg 20	4.60	Normal	
	MC51-01	11.95[3]	Normal	
	SO Cf 2	1.94	Emergency	
Southern	CH Bg 12 (unconfined)	2.75	Normal	Normal
	AA Cc 40 (confined)	[2]	Unknown	
	CA Bb 27 (confined)	173.95	On Trend[4]	
	CH Dd 33 (confined)	149.60	On Trend[4]	
	PG De 21 (confined)	62.52	On Trend[4]	
	SM Fg 45 (confined)	92.28	On Trend[4]	

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

[2] - Not available as of 2016-May-04 at 1:30 PM

[3] Value computed from the adjusted real time measurement of MC51-01a

On Trend[4] - 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.

[5] - Value disregarded based on the recommendation of USGS

Ground Water Status - End of Apr 2016				
Region	USGS Well ID	Well Level[1]	Status	Regional Status
Western	AL Ah 1	4.76	Watch	Watch
	WA Be 2	30.80	Watch	
	WA Bk 25	42.88	Watch	
Central	BA Ea 18	18.90	Normal	Watch
	HA Bd 31	11.24	Warning	
	HA Ca 23	5.91	Normal	
	MO Cc 14	31.43	Watch	
	MO Eh 20	13.32	Warning	
Eastern	QA Cg 69	[5]	Unknown	Watch
	WI Cg 20	4.60	Normal	
	MC51-01	11.95	Watch	
	SO Cf 2	1.94	Emergency	
Southern	CH Bg 12 (unconfined)	2.75	Normal	Normal
	AA Cc 40 (confined)	[2]	Unknown	
	CA Bb 27 (confined)	173.95	On Trend[4]	
	CH Dd 33 (confined)	149.60	On Trend[4]	
	PG De 21 (confined)	62.52	On Trend[4]	
	SM Fg 45 (confined)	92.28	On Trend[4]	
<p>Well Level[1] - Measurement of water level as feet below land surface</p> <p>[2] - Not available as of 2016-May-04 at 1:30 PM</p> <p>[3] Value computed from real time measurement</p> <p>On Trend[4] - 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.</p> <p>[5] - Value disregarded based on the recommendation of USGS</p>				

Ground Water Status - End of Mar 2016				
Region	USGS Well ID	Well Level[1]	Status	Regional Status
Western	AL Ah 1	4.43	Watch	Normal
	WA Be 2	27.17	Normal	
	WA Bk 25	38.65	Normal	
Central	BA Ea 18	18.65	Normal	Normal
	HA Bd 31	9.52	Normal	
	HA Ca 23	5.31	Normal	
	MO Cc 14	28.31	Normal	
	MO Eh 20	12.69	Watch	
Eastern	QA Cg 69	2.59	Normal	Normal
	WI Cg 20	4.37	Normal	
	MC51-01	11.33	Normal	
	SO Cf 2	1.00	Normal	
Southern	CH Bg 12 (unconfined)	2.89	Normal	Normal
	AA Cc 40 (confined)	NA[2]	Unknown	
	CA Bb 27 (confined)	173.65	On trend [4]	
	CH Dd 33 (confined)	NA[2]	Unknown	
	PG De 21 (confined)	NA[2]	Unknown	
	SM Fg 45 (confined)	NA[2]	Unknown	

Well Level[1] - Measurement of water level as feet below land surface
[2] - Not available as of 2016-04-13 at 12:15 PM
[3] Value computed from real time measurement
On Trend[4] - 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 Status - End of Feb 2016				
Region	USGS Well ID	Well Level[1]	Status	Regional Status
Western	AL Ah 1	3.33	Normal	Normal
	WA Be 2	22.09	Normal	
	WA Bk 25	24.18	Normal	
Central	BA Ea 18	19.14	Normal	Normal
	HA Bd 31	4.72	Normal	
	HA Ca 23	4.86	Normal	
	MO Cc 14	20.06	Normal	
	MO Eh 20	10.40	Normal	
Eastern	QA Cg 69	2.28	Normal	Normal
	WI Cg 20	4.07	Normal	
	MC51-01	11.63	Normal	
	SO Cf 2	0.87	Normal	
Southern	CH Bg 12 (unconfined)	1.81	Normal	Normal
	AA Cc 40 (confined)	NA[2]	Unknown	
	CA Bb 27 (confined)	174.56	On trend [4]	
	CH Dd 33 (confined)	NA[2]	Unknown	
	PG De 21 (confined)	NA[2]	Unknown	
	SM Fg 45 (confined)	NA[2]	Unknown	
<p>Well Level[1] - Measurement of water level as feet below land surface [2] - Not available as of 2016-03-25 at 10:00 AM [3] Value computed from real time measurement On Trend[4] - 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.</p>				

Ground Water Status - End of January 2016

Region	USGS Well ID	Well Level[1]	Status	Regional Status
Western	AL Ah 1	4.68	Normal	Normal
	WA Be 2	32.05	Normal	
	WA Bk 25	44.53	Normal	
Central	BA Ea 18	21.35	Normal	Normal
	HA Bd 31	8.33	Normal	
	HA Ca 23	7.40	Normal	
	MO Cc 14	26.87	Normal	
	MO Eh 20	NA[2]	Unknown	
Eastern	QA Cg 69	2.56	Normal	Normal
	WI Cg 20	4.11	Normal	
	MC51-01	12.35	Normal	
	SO Cf 2	0.80	Normal	
Southern	CH Bg 12 (unconfined)	3.16	Normal	Normal
	AA Cc 40 (confined)	NA[2]	Unknown	
	CA Bb 27 (confined)	174.98	On trend [4]	
	CH Dd 33 (confined)	NA[2]	Unknown	
	PG De 21 (confined)	NA[2]	Unknown	
	SM Fg 45 (confined)	NA[2]	Unknown	

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

[2] - Not available as of 2016-02-19 at 3:06 PM

[3] Value computed from real time measurement

On Trend[4] - 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.

[5] Measure included in March drought update

Ground Water Status - End of December 2015

Region	USGS Well ID	Well Level[1]	Status	Regional Status
Western	AL Ah 1	4.04	Normal	Normal
	WA Be 2	35.03	Watch	
	WA Bk 25	47.05	Normal	
Central	BA Ea 18	22.38	Normal	Normal
	HA Bd 31	12.40	Normal	
	HA Ca 23	7.43	Normal	
	MO Cc 14	31.35	Normal	
	MO Eh 20	14.34	Watch	
Eastern	QA Cg 69	2.84	Normal	Normal
	WI Cg 20	NA[2]	Unknown	
	MC51-01	13.96	Normal	
	SO Cf 2	3.77	Normal	
Southern	CH Bg 12 (unconfined)	4.23	Normal	Normal
	AA Cc 40 (confined)	NA[2]	Unknown	
	CA Bb 27 (confined)	176.34	On trend [4]	
	CH Dd 33 (confined)	NA[2]	Unknown	
	PG De 21 (confined)	NA[2]	Unknown	
	SM Fg 45 (confined)	NA[2]	Unknown	

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

[2] - Not available as of 2016-01-15 at 10:30

[3] Value computed from real time measurement

On Trend[4] - 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.

[5] Measure included in March drought update

Ground Water Status - End of November 2015

Region	USGS Well ID	Well Level[1]	Status	Regional Status
Western	AL Ah 1	4.85	Normal	Normal
	WA Be 2	35.52	Watch	
	WA Bk 25	47.04	Normal	
Central	BA Ea 18	22.12	Normal	Normal
	HA Bd 31	13.04	Normal	
	HA Ca 23	7.51	Normal	
	MO Cc 14	31.90	Normal	
	MO Eh 20	14.35	Normal	
Eastern	QA Cg 69	4.44	Normal	Normal
	WI Cg 20	5.00	Normal	
	MC51-01	14.72	Watch	
	SO Cf 2	4.02	Normal	
Southern	CH Bg 12 (unconfined)	5.40	Normal	Normal
	AA Cc 40 (confined)	NA[2]	Unknown	
	CA Bb 27 (confined)	177.17[3]	On trend [4]	
	CH Dd 33 (confined)	NA[2]	Unknown	
	PG De 21 (confined)	NA[2]	Unknown	
	SM Fg 45 (confined)	NA[2]	Unknown	

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

[2] - Not available as of 2015-12-11 at 10:30

[3] Value computed from real time measurement

On Trend[4] - 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.

[5] Measure included in March drought update

Ground Water Status - End of October 2015

Region	USGS Well ID	Well Level[1]	Status	Regional Status
Western	AL Ah 1	5.42	Normal	Normal
	WA Be 2	35.37	Normal	
	WA Bk 25	46.47	Normal	
Central	BA Ea 18	21.74	Normal	Normal
	HA Bd 31	13.83	Normal	
	HA Ca 23	7.55	Normal	
	MO Cc 14	34.05	Normal	
	MO Eh 20	14.64	Normal	
Eastern	QA Cg 69	6.26	Normal	Normal
	WI Cg 20	5.10	Normal	
	MC51-01	14.49	Normal	
	SO Cf 2	5.38	Normal	
Southern	CH Bg 12 (unconfined)	6.89	Normal	Normal
	AA Cc 40 (confined)	Na[2]	Unknown	
	CA Bb 27 (confined)	179.54	On trend [4]	
	CH Dd 33 (confined)	Na[2]	Unknown	
	PG De 21 (confined)	Na[2]	Unknown	
	SM Fg 45 (confined)	Na[2]	Unknown	

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

[2] - Not available as of 2015-11-17 at 10:00

[3] Value computed from real time measurement

On Trend[4] - 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.

[5] Measure included in March drought update

Reservoir Volumes and Storage for Drought Monitoring

For the End of September 2016

<i>Water System</i>	<i>Reservoir</i>	<i>Percent Full*</i>	<i>Days of Storage**</i>
City of Frostburg	Piney	****	****
City of Cumberland	Lake Gordon	98%	362
	Lake Koon	82%	
City of Baltimore	Liberty	94%	354
	Loch Raven	95%	
	Prettyboy	94%	
	Total	94%	
WSSC	Tridelphia Reservoir	78%	172
	Rocky Gorge/Duckett		
	Seneca Creek Reserve	100%	NA
All Potomac River Plants	Jennings-Randolph Reserve***	100%	NA

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

** *Days of Storage* is 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 three years.

*** Percent full for Jennings-Randolph Reservoir is based on allotted amount of water in reservoir used to supplement Potomac River flow for drinking water purposes.

**** Not available as of 2016-10-12 at 8:00 AM

Reservoir Volumes and Storage for Drought Monitoring

For the End of August 2016

<i>Water System</i>	<i>Reservoir</i>	<i>Percent Full*</i>	<i>Days of Storage**</i>
City of Frostburg	Piney	99%	566
City of Cumberland	Lake Gordon	100%	385
	Lake Koon	88%	
City of Baltimore	Liberty	99%	350
	Loch Raven	97%	
	Prettyboy	98%	
	Total	98%	
WSSC	Tridelphia Reservoir	91%	180
	Rocky Gorge/Duckett		
	Seneca Creek Reserve	100%	NA
All Potomac River Plants	Jennings-Randolph Reserve***	100%	NA

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

** *Days of Storage* is 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 three years.

*** Percent full for Jennings-Randolph Reservoir is based on allotted amount of water in reservoir used to supplement Potomac River flow for drinking water purposes.

**** Not available as of 2016-05-05 at 11:00 AM

Reservoir Volumes and Storage for Drought Monitoring

For the End of July 2016

<i>Water System</i>	<i>Reservoir</i>	<i>Percent Full*</i>	<i>Days of Storage**</i>
City of Frostburg	Piney	99%	598
City of Cumberland	Lake Gordon	100%	402
	Lake Koon	94%	
City of Baltimore	Liberty	97%	344
	Loch Raven	99%	
	Prettyboy	98%	
	Total	98%	
WSSC	Tridelphia Reservoir	98%	179
	Rocky Gorge/Duckett		
	Seneca Creek Reserve	100%	NA
All Potomac River Plants	Jennings-Randolph Reserve***	100%	NA

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

** *Days of Storage* is 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 three years.

*** Percent full for Jennings-Randolph Reservoir is based on allotted amount of water in reservoir used to supplement Potomac River flow for drinking water purposes.

**** Not available as of 2016-05-05 at 11:00 AM

Reservoir Volumes and Storage for Drought Monitoring as of June 30, 2016

<i>Water System</i>	<i>Reservoir</i>	<i>Percent Full*</i>	<i>Days of Storage**</i>
City of Frostburg	Piney	****	****
City of Cumberland	Lake Gordon	100%	402
	Lake Koon	100%	
City of Baltimore	Liberty	100%	321
	Loch Raven	100%	
	Prettyboy	98%	
	Total	100%	
WSSC	Triadelphia Reservoir	97%	173
	Rocky Gorge/Duckett		
	Seneca Creek Reserve	98%	NA
All Potomac River Plants	Jennings-Randolph Reserve***	100%	NA

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

** Days of Storage is 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 allotted amount of water in reservoir used to supplement Potomac River flow for drinking water purposes.

Reservoir Volumes and Storage for Drought Monitoring May 31,2016

Storage in selected Maryland reservoirs for the end of May, 2016			
Water System	Reservoir	Percent Full*	Days of Storage**
City of Frostburg	Piney	99%	714
City of Cumberland	Lake Gordon	****	****
	Lake Koon	****	
City of Baltimore	Liberty	100%	322
	Loch Raven	100%	
	Prettyboy	100%	
	Total	100%	
WSSC	Triadelphia Reservoir	99%	175
	Rocky Gorge/Duckett		
	Seneca Creek Reserve	98%	NA
All Potomac River Plants	Jennings-Randolph Reserve***	100%	NA

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

** Days of Storage is 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 allotted amount of water in reservoir used to supplement Potomac River flow

**** Not available as of 2016-06-10 at 10:00 AM

Reservoir Volumes and Storage for Drought Monitoring

For the End of April 2016

<i>Water System</i>	<i>Reservoir</i>	<i>Percent Full*</i>	<i>Days of Storage**</i>
City of Frostburg	Piney	100%	753
City of Cumberland	Lake Gordon	100%	404
	Lake Koon	100%	
City of Baltimore	Liberty	100%	344
	Loch Raven	100%	
	Prettyboy	100%	
	Total	100%	
WSSC	Tridelphia Reservoir	99%	177
	Rocky Gorge/Duckett		
	Seneca Creek Reserve	100%	NA
All Potomac River Plants	Jennings-Randolph Reserve***	100%	NA

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

** Days of Storage is 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 three years.

*** Percent full for Jennings-Randolph Reservoir is based on allotted amount of water in reservoir used to supplement Potomac River flow for drinking water purposes.

**** Not available as of 2016-05-05 at 11:00 AM

Reservoir Volumes and Storage for Drought Monitoring

For the End of March 2016

<i>Water System</i>	<i>Reservoir</i>	<i>Percent Full*</i>	<i>Days of Storage**</i>
City of Frostburg	Piney	99%	752
City of Cumberland	Lake Gordon	100%	430
	Lake Koon	100%	
City of Baltimore	Liberty	100%	340
	Loch Raven	100%	
	Prettyboy	100%	
	Total	100%	
WSSC	Tridelphia Reservoir	100%	180
	Rocky Gorge/Duckett		
	Seneca Creek Reserve	100%	NA
All Potomac River Plants	Jennings-Randolph Reserve***	100%	NA

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

** Days of Storage is 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 three years.

*** Percent full for Jennings-Randolph Reservoir is based on allotted amount of water in reservoir used to supplement Potomac River flow for drinking water purposes.

Reservoir Volumes and Storage for Drought Monitoring

For the End of February 2016

<i>Water System</i>	<i>Reservoir</i>	<i>Percent Full*</i>	<i>Days of Storage**</i>
City of Frostburg	Piney	99%	691
City of Cumberland	Lake Gordon	100%	435
	Lake Koon	100%	
City of Baltimore	Liberty	100%	355
	Loch Raven	100%	
	Prettyboy	100%	
	Total	100%	
WSSC	Tridelphia Reservoir	100%	185
	Rocky Gorge/Duckett		
	Seneca Creek Reserve	100%	NA
All Potomac River Plants	Jennings-Randolph Reserve***	100%	NA

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

** Days of Storage is 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 three years.

*** Percent full for Jennings-Randolph Reservoir is based on allotted amount of water in reservoir used to supplement Potomac River flow for drinking water purposes.

Reservoir Volumes and Storage for Drought Monitoring

For the End of January 2016

<i>Water System</i>	<i>Reservoir</i>	<i>Percent Full*</i>	<i>Days of Storage**</i>
City of Frostburg	Piney	99%	622
City of Cumberland	Lake Gordon	100%	432
	Lake Koon	100%	
City of Baltimore	Liberty	100%	358
	Loch Raven	100%	
	Prettyboy	100%	
	Total	100%	
WSSC	Tridelphia Reservoir	77%	145
	Rocky Gorge/Duckett		
	Seneca Creek Reserve	100%	NA
All Potomac River Plants	Jennings-Randolph Reserve***	100%	NA

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

** Days of Storage is 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 three years.

*** Percent full for Jennings-Randolph Reservoir is based on allotted amount of water in reservoir used to supplement Potomac River flow for drinking water purposes.

Reservoir Volumes and Storage for Drought Monitoring

For the End of December 2015

<i>Water System</i>	<i>Reservoir</i>	<i>Percent Full*</i>	<i>Days of Storage**</i>
City of Frostburg	Piney	99%	622
City of Cumberland	Lake Gordon	100%	355
	Lake Koon	82%	
City of Baltimore	Liberty	98%	354
	Loch Raven	100%	
	Prettyboy	100%	
	Total	99%	
WSSC	Tridelphia Reservoir	74%	142
	Rocky Gorge/Duckett		
	Seneca Creek Reserve	100%	NA
All Potomac River Plants	Jennings-Randolph Reserve***	100%	NA

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

** Days of Storage is 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 three years.

*** Percent full for Jennings-Randolph Reservoir is based on allotted amount of water in reservoir used to supplement Potomac River flow for drinking water purposes.

Reservoir Volumes and Storage for Drought Monitoring

For the End of November 2015

<i>Water System</i>	<i>Reservoir</i>	<i>Percent Full*</i>	<i>Days of Storage**</i>
City of Frostburg	Piney	99%	621
City of Cumberland	Lake Gordon	100%	333
	Lake Koon	74%	
City of Baltimore	Liberty	99%	359
	Loch Raven	100%	
	Prettyboy	100%	
	Total	100%	
WSSC	Tridelphia Reservoir	61%	122
	Rocky Gorge/Duckett		
	Seneca Creek Reserve	100%	NA
All Potomac River Plants	Jennings-Randolph Reserve***	100%	NA

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

** Days of Storage is 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 three years.

*** Percent full for Jennings-Randolph Reservoir is based on allotted amount of water in reservoir used to supplement Potomac River flow for drinking water purposes.

Reservoir Volumes and Storage for Drought Monitoring

For the End of October 2015

<i>Water System</i>	<i>Reservoir</i>	<i>Percent Full*</i>	<i>Days of Storage**</i>
City of Frostburg	Piney	99%	619
City of Cumberland	Lake Gordon	100%	347
	Lake Koon	76%	
City of Baltimore	Liberty	100%	362
	Loch Raven	100%	
	Prettyboy	100%	
	Total	100%	
WSSC	Tridelphia Reservoir	63%	127
	Rocky Gorge/Duckett		
	Seneca Creek Reserve	100%	NA
All Potomac River Plants	Jennings-Randolph Reserve***	100%	NA

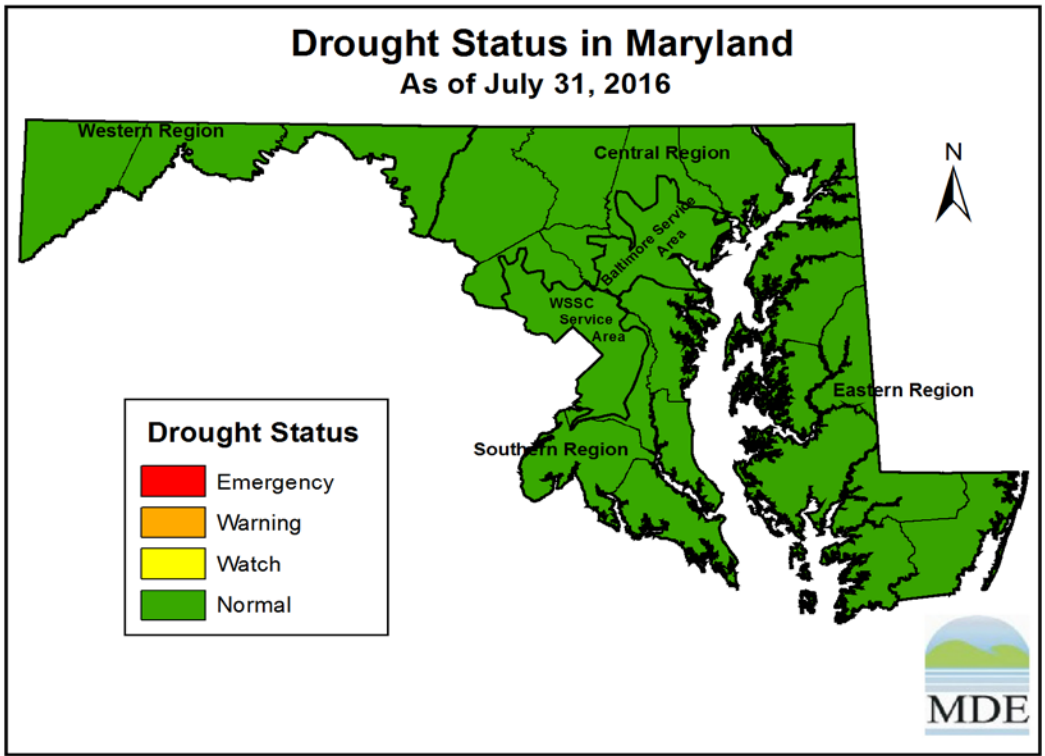
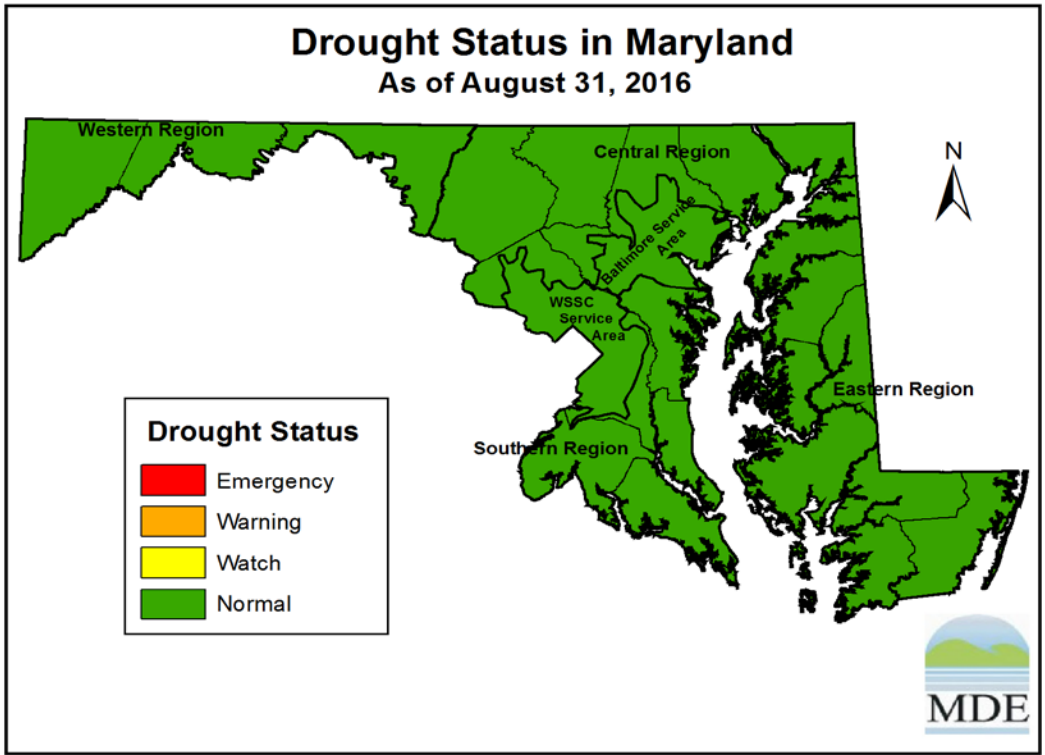
* Percent Full is the ratio of current volume to the maximum usable volume in each reservoir at the end of the month.

** Days of Storage is 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 three years.

*** Percent full for Jennings-Randolph Reservoir is based on allotted amount of water in reservoir used to supplement Potomac River flow for drinking water purposes.

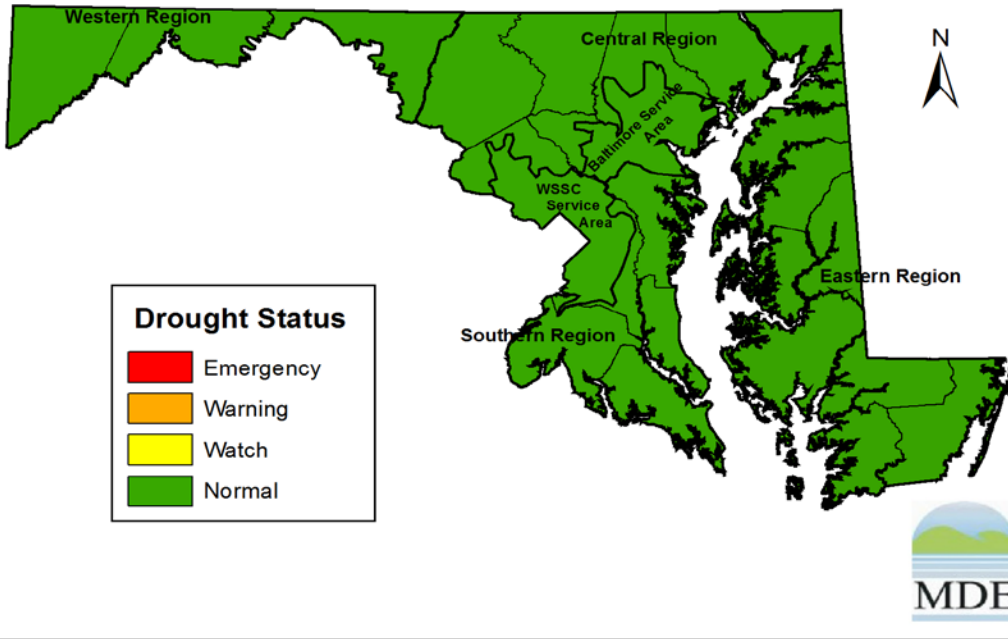
Drought Maps for WY 2016

The map for September is not available



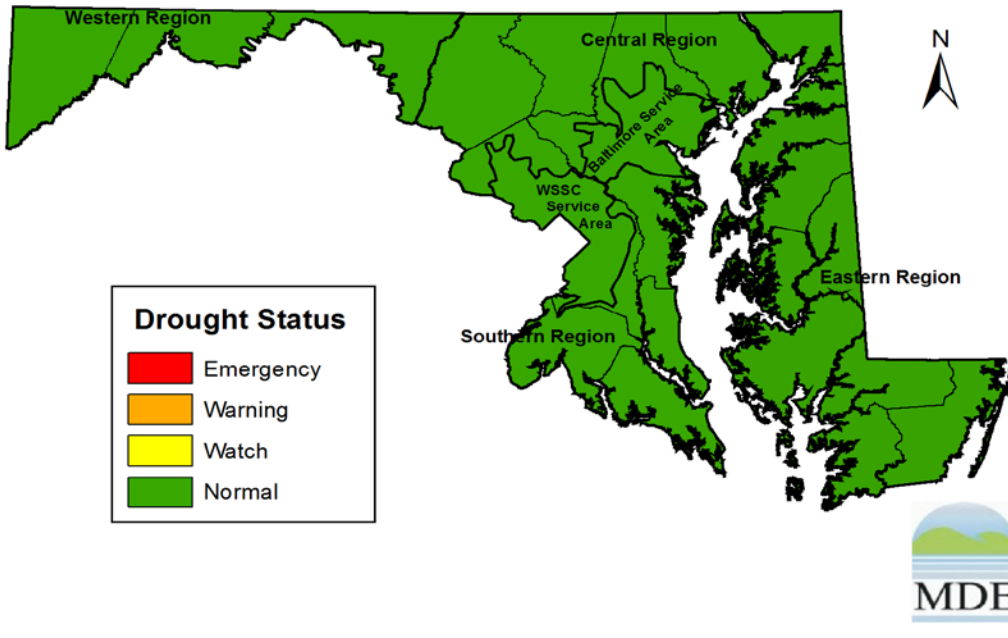
Drought Status in Maryland

As of June 30, 2016

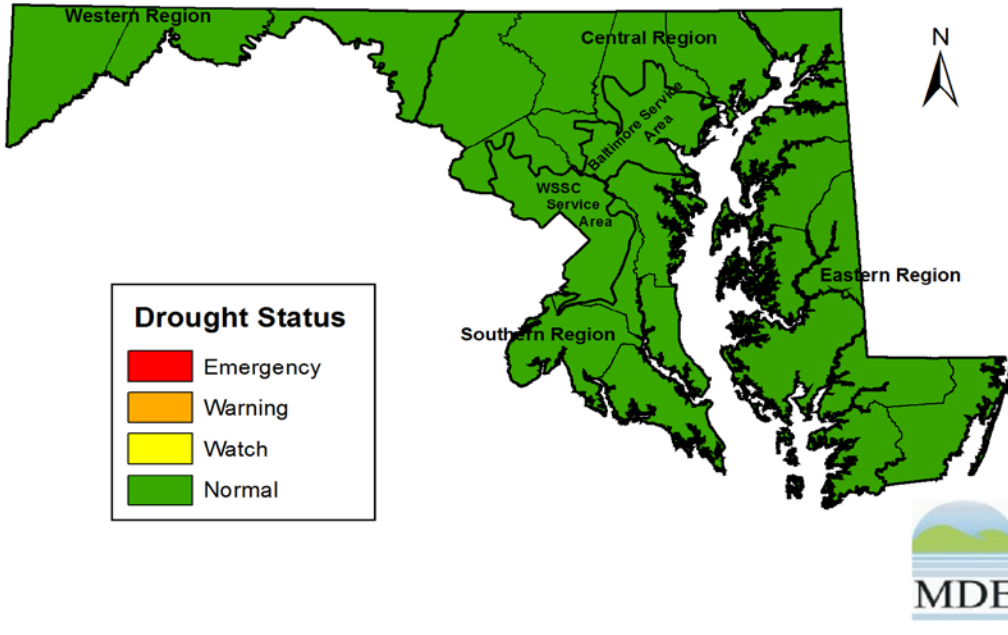


Drought Status in Maryland

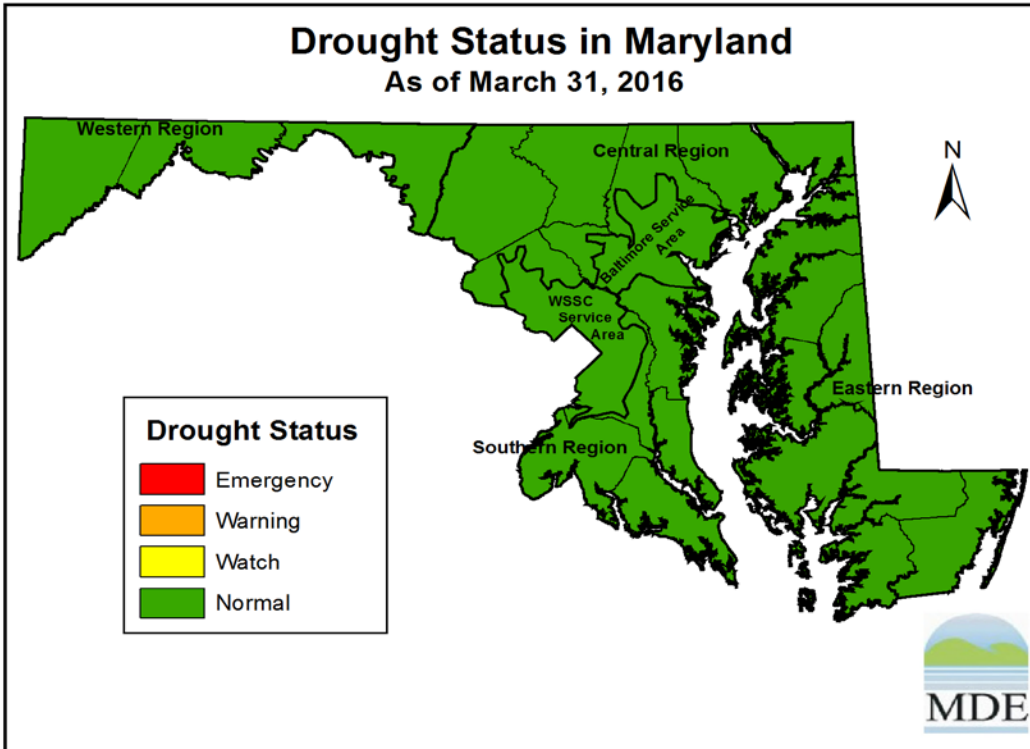
As of May 31, 2016



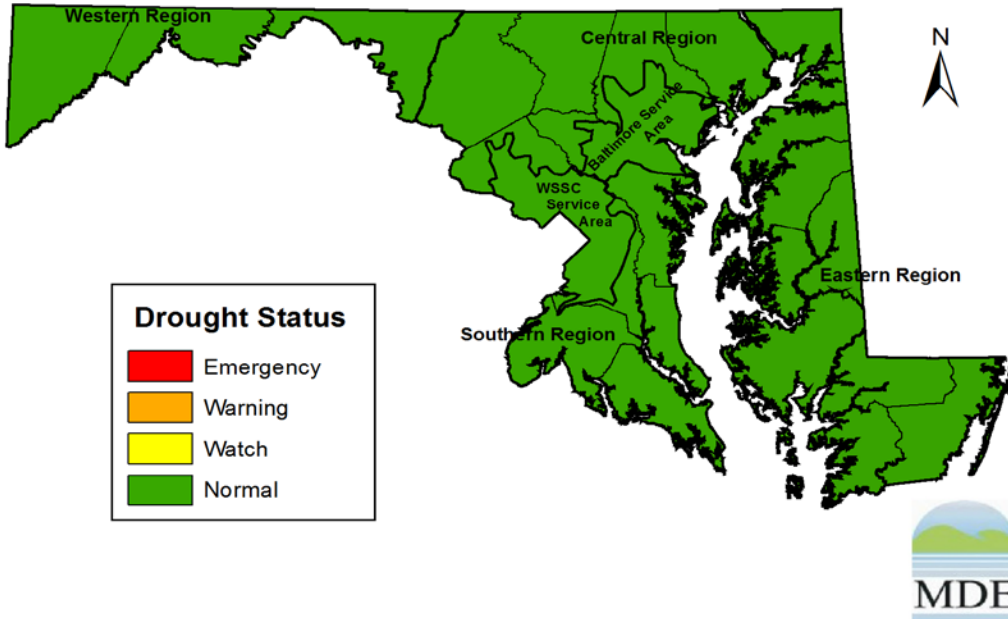
Drought Status in Maryland As of April 30, 2016



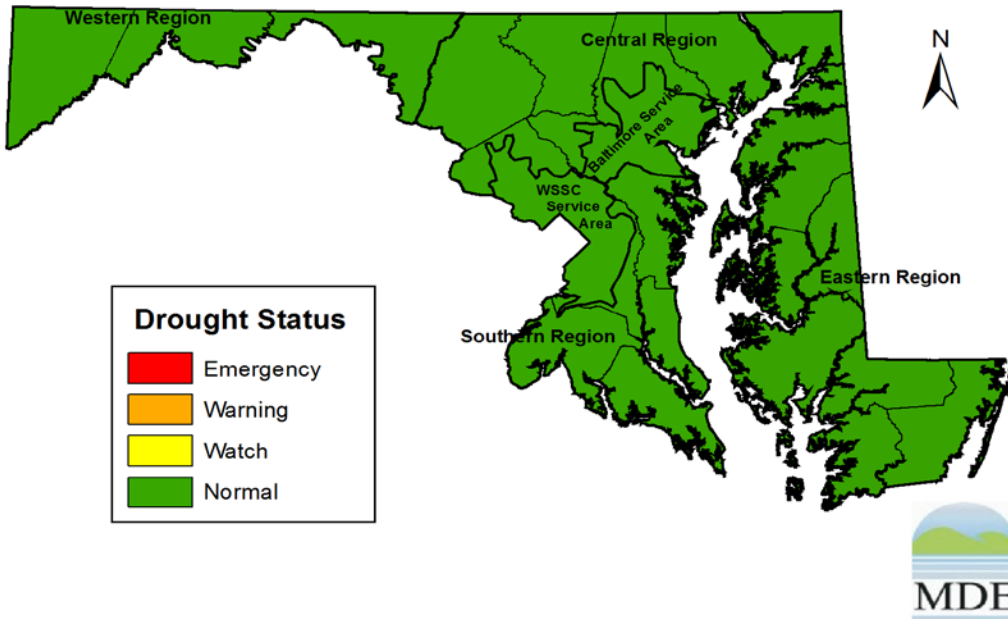
Drought Status in Maryland As of March 31, 2016



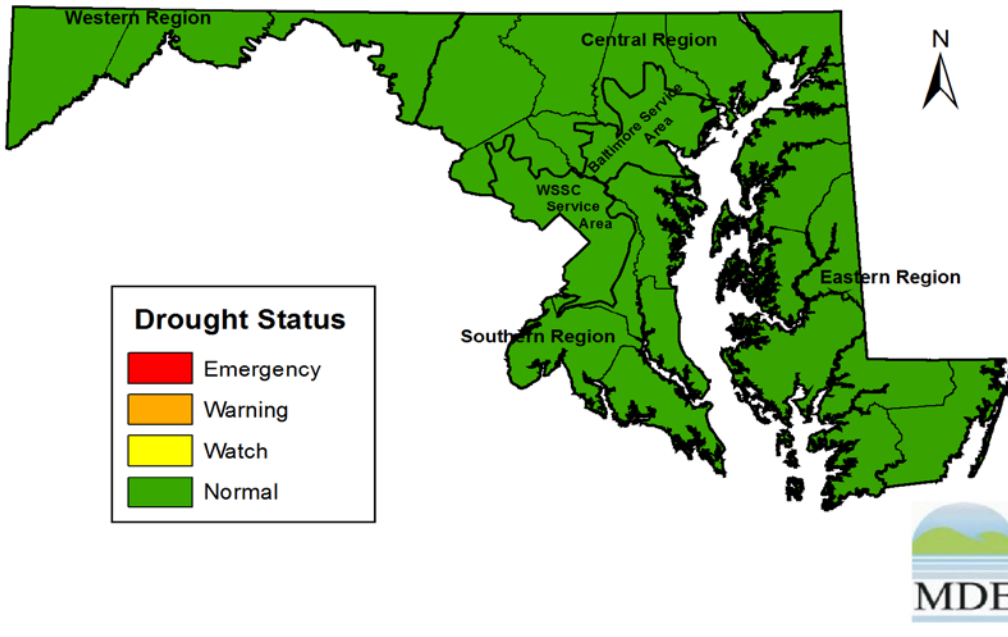
Drought Status in Maryland As of February 29, 2016



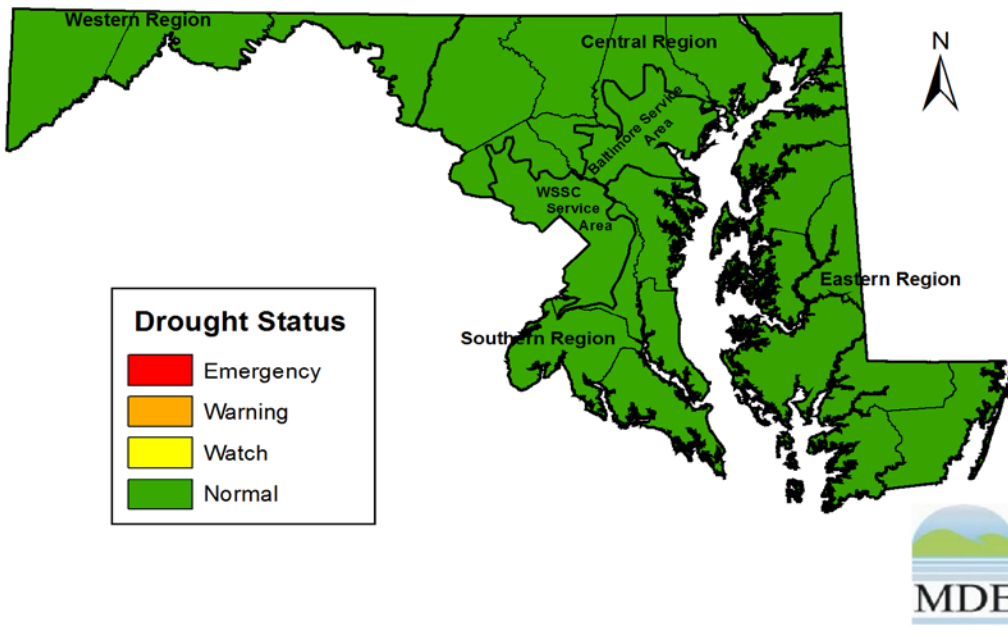
Drought Status in Maryland As of January 31, 2016



Drought Status in Maryland As of December 31, 2015



Drought Status in Maryland As of November 30, 2015



Drought Status in Maryland

As of October 31, 2015

