

# Water Mission Area U.S. Geological Survey



# 2014





05535500 West Fork of North Branch Chicago River  
at Northbrook, IL; John Goossen, January 13, 2012



# January 2014

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY																																																																																				
Notes:			<b>1</b> 	<b>2</b>	<b>3</b> Reversal of the Chicago River 1900	<b>4</b> Isaac Newton b 1643																																																																																				
<b>5</b>	<b>6</b> Clarence King b 1842	<b>7</b> 	<b>8</b>	<b>9</b>	<b>10</b>	<b>11</b> Aldo Leopold b 1887																																																																																				
<b>12</b> Haiti Earthquake, Magnitude 7.0	<b>13</b>	<b>14</b>	<b>15</b> 	<b>16</b>	<b>17</b>	<b>18</b>																																																																																				
<b>19</b>	<b>20</b> Martin Luther King Day	<b>21</b>	<b>22</b>	<b>23</b>	<b>24</b> 	<b>25</b> Joseph Louis Lagrange b 1736																																																																																				
<b>26</b>	<b>27</b>	<b>28</b>	<b>29</b> Daniel Bernoulli b 1700	<b>30</b> 	<b>31</b> Lunar New Year																																																																																					
			<b>WaterAlert</b> <a href="http://water.usgs.gov/wateralert/">http://water.usgs.gov/wateralert/</a> U.S. Geological Survey <a href="http://www.usgs.gov">http://www.usgs.gov</a> Telephone: 1-888-ASK-USGS		<b>December</b> <table> <tr><td>S</td><td>M</td><td>T</td><td>W</td><td>T</td><td>F</td><td>S</td></tr> <tr><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td><td>7</td></tr> <tr><td>8</td><td>9</td><td>10</td><td>11</td><td>12</td><td>13</td><td>14</td></tr> <tr><td>15</td><td>16</td><td>17</td><td>18</td><td>19</td><td>20</td><td>21</td></tr> <tr><td>22</td><td>23</td><td>24</td><td>25</td><td>26</td><td>27</td><td>28</td></tr> <tr><td>29</td><td>30</td><td>31</td><td></td><td></td><td></td><td></td></tr> </table>	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31					<b>February</b> <table> <tr><td>S</td><td>M</td><td>T</td><td>W</td><td>T</td><td>F</td><td>S</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td>1</td></tr> <tr><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td><td>7</td><td>8</td></tr> <tr><td>9</td><td>10</td><td>11</td><td>12</td><td>13</td><td>14</td><td>15</td></tr> <tr><td>16</td><td>17</td><td>18</td><td>19</td><td>20</td><td>21</td><td>22</td></tr> <tr><td>23</td><td>24</td><td>25</td><td>26</td><td>27</td><td>28</td><td></td></tr> </table>	S	M	T	W	T	F	S							1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	
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0140914550 Manahawkin Bay at Rt. 72 bridge near Ship Bottom, NJ; Andrew Watson and Patrick Bowen inspecting gage after reinstallation following Hurricane Sandy; Michal Nlemoczynski; December 3, 2012



# February 2014

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
Notes:						1
 Super Bowl Groundhog Day	2	3	4	5	6	7
					 e Day Winter Olympics	8
9	10	11	12	13	14	15
	CL Navier b 1785		Abraham Lincoln b 1809		  Galileo Galilei b 1564	
16	17	18	19	20	21	22
	Washington's Birthday (Presidents' Day)					George Washington b 1732 
23	24	25	26	27	28	
WaterNow <a href="http://water.usgs.gov/watnow/">http://water.usgs.gov/watnow/</a>  U.S. Geological Survey <a href="http://www.usgs.gov">http://www.usgs.gov</a> Telephone: 1-888-ASK-USGS				January S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31		March S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31





31083508129450 34H495 Well, Brunswick, GA; Welby Stayton installing groundwater monitoring equipment in a flowing well; Michael Hamrick, February 6, 2008

Artesian well investigations in South Dakota (top-circa 1956-62, bottom-July 1957); South Dakota WSC Archives



# March 2014

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
Notes:						1
2  Read Across America Day Theodor Seuss Geisel b 1904	3  USGS Established 1879	4  Mardi Gras	5  Ash Wednesday Frederick H Newell b 1862	6	7  CW Thornthwaite b 1899	8
9  Daylight Saving Time Starts	10	11  Great Tohoku Earthquake and Tsunami, Honshu, Japan 2011 Magnitude 9.0	12	13	14  pi Day Albert Einstein b 1879	15  Purim
16  	17  St. Patrick's Day	18	19	20  Vernal Equinox	21  World Poetry Day	22  World Water Day
23  World Meteorological Day	24  John Wesley Powell b 1834	25	26	27  Good Friday Earthquake, Alaska 1964 Magnitude 9.2	28	29  Earth Hour 8:30-9:30 pm
30  	31  Rene Descartes b 1596	<b>WaterWatch</b> <a href="http://waterwatch.usgs.gov/">http://waterwatch.usgs.gov/</a>  <b>U.S. Geological Survey</b> <a href="http://www.usgs.gov">http://www.usgs.gov</a> <b>Telephone: 1-888-ASK-USGS</b>			<b>February</b> S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28	<b>April</b> S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30





03463300 South Toe River Near Celo, NC, Oran Mosteller streamgaging; John Mazurek, August 6, 2013



April 2014

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY																																																																																											
		<div>Happy April Fool's Day</div> <div>1</div>	<div>2</div>	<div>3</div>	<div>4</div> <div>William Henry Jackson b 1843</div>	<div>5</div>																																																																																											
<div>6</div>	<div>7</div> <div>☾</div>	<div>8</div>	<div>9</div>	<div>10</div> <div>Howard Penman b 1909</div>	<div>11</div>	<div>12</div>																																																																																											
<div>13</div> <div>Palm Sunday</div>	<div>14</div>	<div>15</div> <div>Passover Tax Day Leonardo da Vinci b 1452 Leonhard Euler b 1701</div> <div>☉</div>	<div>16</div>	<div>17</div>	<div>18</div> <div>Good Friday</div>	<div>19</div>																																																																																											
<div>20</div> <div>Happy Easter</div>	<div>21</div> <div>John Muir b 1838</div>	<div>22</div> <div>Earth Day JLM Poiseuille b 1797</div> <div>☾</div>	<div>23</div> <div>Administrative Professionals Day</div>	<div>24</div>	<div>25</div> <div>Arbor Day</div> <div>🌳</div>	<div>26</div>																																																																																											
<div>27</div>	<div>28</div> <div>World Day for Safety and Health at Work</div>	<div>29</div> <div>☀</div>	<div>30</div> <div>Carl Friedrich Gauss b 1777</div>	Notes:																																																																																													
		<b>Flood Inundation Mapping Science</b> <a href="http://water.usgs.gov/osw/flood_inundation/">http://water.usgs.gov/osw/flood_inundation/</a>  <b>U.S. Geological Survey</b> <a href="http://www.usgs.gov">http://www.usgs.gov</a> <b>Telephone: 1-888-ASK-USGS</b>			<div>March</div> <table border="1"> <tr><td>S</td><td>M</td><td>T</td><td>W</td><td>T</td><td>F</td><td>S</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td>1</td></tr> <tr><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td><td>7</td><td>8</td></tr> <tr><td>9</td><td>10</td><td>11</td><td>12</td><td>13</td><td>14</td><td>15</td></tr> <tr><td>16</td><td>17</td><td>18</td><td>19</td><td>20</td><td>21</td><td>22</td></tr> <tr><td>23</td><td>24</td><td>25</td><td>26</td><td>27</td><td>28</td><td>29</td></tr> <tr><td>30</td><td>31</td><td></td><td></td><td></td><td></td><td></td></tr> </table>	S	M	T	W	T	F	S							1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31						<div>May</div> <table border="1"> <tr><td>S</td><td>M</td><td>T</td><td>W</td><td>T</td><td>F</td><td>S</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td>1 2 3</td></tr> <tr><td>4</td><td>5</td><td>6</td><td>7</td><td>8</td><td>9</td><td>10</td></tr> <tr><td>11</td><td>12</td><td>13</td><td>14</td><td>15</td><td>16</td><td>17</td></tr> <tr><td>18</td><td>19</td><td>20</td><td>21</td><td>22</td><td>23</td><td>24</td></tr> <tr><td>25</td><td>26</td><td>27</td><td>28</td><td>29</td><td>30</td><td>31</td></tr> </table>	S	M	T	W	T	F	S							1 2 3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
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San Francisco Bay, CA; Amy Little on Research Vessel Polaris, sampling for water quality constituents; Francis Parchaso, October 15, 2003



395557082283800 Buckeye Lake at Crystal Beach, OH; Chris Ecker and Carrie Huitger measuring water quality parameters; Donna Francy, September 17, 2013



02350524 Hillabahatchee Creek, GA; Nick Henry and Jeff Riley doing Rich Target Habitat (RTH) sampling; Alan Cressler, May 31, 2012



# May 2014

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
Notes:				1	2	3
						Henry Pitot b 1695
4	 5	6	7	8	9	10
						
 11	12	13	14	15	16	17
	Florence Nightingale b 1820		Hans A Einstein b 1904			Armed Forces Day
18	19	20	21	22	23	24
Mount Saint Helens Erupted 1980 Robert E Horton b 1875				International Day for Biological Diversity		
25	 26	27	28	29	30	31
		Rachel Carson b 1907	Louis Agassiz b 1807			Johnstown Flood 1889
<b>National Streamflow Information Program</b> <a href="http://water.usgs.gov/nsip/">http://water.usgs.gov/nsip/</a>  <b>U.S. Geological Survey</b> <a href="http://www.usgs.gov">http://www.usgs.gov</a> <b>Telephone: 1-888-ASK-USGS</b>				<b>April</b> S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30		<b>June</b> S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30





01648000 Rock Creek at Sherrill Drive, Washington, DC;  
staff gage; Kate Flynn, August 2013



# June 2014

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
1	2	3	4	5 World Environment Day 	6	7
8 World Oceans Day	9 Rapid City Flood 1972	10 Henry Darcy b 1803 Abel Wolman b 1892	11	12	13 	14  World Blood Donor Day
15 <b>HAPPY FATHERS DAY</b>	16	17 World Day to Combat Desertification & Drought	18	19 Blaise Pascal b 1623 	20	21 Summer Solstice
22	23 Public Service Day	24	25 Day of the Seafarer	26	27 	28 Ramadan Begins
29	30	Notes:				

Groundwater Watch  
<http://groundwaterwatch.usgs.gov/>  
 U.S. Geological Survey <http://www.usgs.gov>  
 Telephone: 1-888-ASK-USGS

May							July						
S	M	T	W	T	F	S	S	M	T	W	T	F	S
				1	2	3			1	2	3	4	5
4	5	6	7	8	9	10	6	7	8	9	10	11	12
11	12	13	14	15	16	17	13	14	15	16	17	18	19
18	19	20	21	22	23	24	20	21	22	23	24	25	26
25	26	27	28	29	30	31	27	28	29	30	31		





02481510 Wolf River near Landon, MS; Mack Moss measuring overflow during Hurricane Issac; Jim Alvis, August 30, 2012



# July 2014

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
		1  Canada Day Gottfried Leibniz b 1646	2	3	4 	5 
6	7	8	9	10	11	12 
13	14	15	16	17	18 	19
20	21	22  pi Approximation Day	23	24	25	26 
27  Eid al-Fitr	28	29	30	31  Big Thompson Flood 1976 (31,200 cfs)	Notes:	
		<b>WaterAlert</b> <a href="http://water.usgs.gov/wateralert/">http://water.usgs.gov/wateralert/</a>  U.S. Geological Survey <a href="http://www.usgs.gov">http://www.usgs.gov</a> Telephone: 1-888-ASK-USGS			<b>June</b> S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	<b>August</b> S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31






13181000 Owyhee River near Rome, OR; Alvin Sablan streamgaging; John Wirt, August 15, 2012



# August 2014

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
Notes:					1  Peak of Record Mississippi River at St. Louis 1993 (1,070,000 cfs)	2
3  	4	5	6	7	8	9  Amadeo Avogadro b 1776
10  Julius Weisbach b 1806 	11	12	13  George Stokes b 1819	14  Ven Te Chow b 1919 Harold A Thomas b 1913	15	16  Gordon "Reds" Wolman b 1924
17  Hurricane Camille 1969 Pierre de Fermat b 1601 	18	19	20	21	22	23  Barre de Saint Venant b 1797 Osborne Reynolds b 1842
24  Hurricane Andrew 1992	25  The Great Colonial Flood 1635 	26	27	28	29  Hurricane Katrina 2005	30
31		<b>WaterNow</b> <a href="http://water.usgs.gov/watnow/">http://water.usgs.gov/watnow/</a>  U.S. Geological Survey <a href="http://www.usgs.gov">http://www.usgs.gov</a> Telephone: 1-888-ASK-USGS			<b>July</b> S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	<b>September</b> S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30





06741510 Big Thompson River at Loveland, CO; temporary rapid deployment streamgage (right) installed when the nearby permanent gage (left) was damaged during September 2013 flooding; Marisa Lubeck, September 18, 2013



06730525 St. Vrain Creek below Boulder Creek at Hwy 119 near Longmont, CO; Bob Brandle, Cory Stephens, Matt Nicotra, and Kevin Scofield measure discharge and install temporary streamgage replacing nearby damaged gage at 06725450 St. Vrain Creek below Longmont, CO; Marisa Lubeck, September 17, 2013



# September 2014

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
	<b>1</b> <b>LABOR DAY</b>	<b>2</b> 	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b> Carl Garner Federal Lands Cleanup Day
<b>7</b> <i>Happy Grandparent's Day</i>	<b>8</b> Galveston Hurricane 1900 International Literacy Day 	<b>9</b>	<b>10</b>	<b>11</b>  <b>Patriot Day</b>	<b>12</b>	<b>13</b> San Felipe-Okeechobee Hurricane 1928 Hurricane Ike 2008
<b>14</b>	<b>15</b> 	<b>16</b> International Day for the Preservation of the Ozone Layer	<b>17</b>	<b>18</b>	<b>19</b>  International Talk Like a Pirate Day	<b>20</b>
<b>21</b>	<b>22</b> World Water Monitoring Day	<b>23</b> Autumn Equinox	<b>24</b> Hurricane Rita 2005 	<b>25</b> World Maritime Day Rosh Hashanah	<b>26</b>	<b>27</b>
<b>28</b>	<b>29</b>	<b>30</b>	<b>Notes:</b>			

**WaterWatch**  
<http://waterwatch.usgs.gov/>

U.S. Geological Survey <http://www.usgs.gov>  
 Telephone: 1-888-ASK-USGS

**August**

S	M	T	W	T	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

**October**

S	M	T	W	T	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	





Liberty State Park, Jersey City, NJ; Chad Ostheimer surveying a high-water mark left October 29, 2012 by Hurricane Sandy; New Jersey WSC Archives, November 5, 2012



15247900 Salmon Creek at Bruno Road near Seward, AK; Paul Schauer running a level survey for the streambed scour project; Robin Beebee, August 21, 2013



06730160 Fourmile Canyon Creek near Sunshine, CO; Zach Martin surveying high-water mark for indirect flood measurement after 2013 Boulder floods; Todd Koenig, September 22, 2013



# October 2014

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
Notes:			1 	2	3	4 Eid al-Adha Yom Kippur
5 	6 World Habitat Day	7	8 International Day for Natural Disaster Reduction Luna Leopold b 1915 	9 Leif Erikson Day J R Mather b 1923	10	11
12	13 Columbus Day Thanksgiving Day (Canada)	14	15 E Torricelli b 1608 	16 Boss's Day	17 Walter Langbein b 1907	18
19	20	21	22 Robert Manning b 1816	23 Mole Day 	24	25
26	27	28	29 Hurricane Sandy 2012	30 	31  Halloween	
		<b>Flood Inundation Mapping Science</b> <a href="http://water.usgs.gov/osw/flood_inundation/">http://water.usgs.gov/osw/flood_inundation/</a>  <b>U.S. Geological Survey</b> <a href="http://www.usgs.gov">http://www.usgs.gov</a> Telephone: 1-888-ASK-USGS			<b>September</b> S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	<b>November</b> S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28





01606900 South Mill Creek near Mozer, WV;  
Gary Crosby, October 29, 2013



# November 2014

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
Notes:						1
 Daylight Saving Time Ends	2	3	4	5	6	8
		Election Day			 Typhoon Haiyan, The Phillipines 2013 Marie Curie b 1867	Edmond Halley b 1656
9	10	 Carleton Watkins b 1829	12	13	14	15
Hedy Lamarr b 1913	World Science Day					
16	17	18	19	20	21	22
		Louis Daguerre b 1851		Universal Children's Day		
23	24	25	26	 Gilbert F White b 1911	27	28
30		National Streamflow Information Program <a href="http://water.usgs.gov/nsip/">http://water.usgs.gov/nsip/</a>  U.S. Geological Survey <a href="http://www.usgs.gov">http://www.usgs.gov</a> Telephone: 1-888-ASK-USGS			October S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	December S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31





10038000 Bear River below Smiths Fork, near Cokeville, WY;  
Martel Fisher streamgaging; Dave Allen, January 11, 2010



# December 2014

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
	1	2	3 Ellen S Richards b 1842	4	5 International Volunteer Day	6
7	8	9 Grace Hopper b 1906	10 Ada Lovelace b 1815	11 International Mountain Day	12	13
14 	15	16	17 Hanukkah	18	19	20
21 First official USGS discharge measurement, Embudo, NM 1888 Winter Solstice 	22	23	24 Christmas Eve	25 	26 Kwanza Sumatra-Andaman Earthquake and Tsunami, Sumatra, Indonesia 2004 Magnitude 9.1	27 Charles Babbage b 1791
28 	29	30	31  New Year's Eve	Notes:		
		<b>Groundwater Watch</b> <a href="http://groundwaterwatch.usgs.gov/">http://groundwaterwatch.usgs.gov/</a>  <b>U.S. Geological Survey</b> <a href="http://www.usgs.gov">http://www.usgs.gov</a> <b>Telephone: 1-888-ASK-USGS</b>			<b>November</b> S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	<b>January</b> S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31



### January

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18	19	20	21	22	23	24
25	26	27	28	29	30	31

### February

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28

### March

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

### April

S	M	T	W	T	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		

# 2015

### May

S	M	T	W	T	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

### June

S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				

### July

S	M	T	W	T	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

### August

S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

### September

S	M	T	W	T	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30			

### October

S	M	T	W	T	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

### November

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					

### December

S	M	T	W	T	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

Glacial Aquifer System in the Midwest, near Canton, IL;  
Bill Morrow getting to the field early; Pat Mills, September 27, 2006





09359020 Animas River below Silverton, CO, Kevin Murphy collecting water quality sample; Dave Grey, September 26, 2013

## Popular USGS Water Resources Websites

### Water Data

National Water Information System—[waterdata.usgs.gov/nwis](http://waterdata.usgs.gov/nwis)  
WaterAlert—[water.usgs.gov/wateralert/](http://water.usgs.gov/wateralert/)  
WaterNow—[water.usgs.gov/waternow/](http://water.usgs.gov/waternow/)  
StreamStats—[streamstats.usgs.gov/](http://streamstats.usgs.gov/)  
Water Use Information—[water.usgs.gov/watuse](http://water.usgs.gov/watuse)  
WaterWatch—[waterwatch.usgs.gov](http://waterwatch.usgs.gov)  
GroundwaterWatch—[groundwaterwatch.usgs.gov](http://groundwaterwatch.usgs.gov)  
WaterQualityWatch—[waterwatch.usgs.gov/wqwatch/](http://waterwatch.usgs.gov/wqwatch/)

### Water Programs

National Streamflow Information Program (NSIP)—[water.usgs.gov/nsip](http://water.usgs.gov/nsip)  
National Water Quality Assessment—[water.usgs.gov/nawqa](http://water.usgs.gov/nawqa)  
Cooperative Water—[water.usgs.gov/coop](http://water.usgs.gov/coop)  
National Research—[water.usgs.gov/nrp](http://water.usgs.gov/nrp)  
Water Availability—[water.usgs.gov/ogw/gwrp/activities/water-avail-use.html](http://water.usgs.gov/ogw/gwrp/activities/water-avail-use.html)

### Technical Contacts

USGS Water Science Centers—[water.usgs.gov/local\\_offices.html](http://water.usgs.gov/local_offices.html)  
Groundwater—[water.usgs.gov/ogw](http://water.usgs.gov/ogw)  
Surface Water—[water.usgs.gov/osw](http://water.usgs.gov/osw)  
Water Quality—[water.usgs.gov/owq](http://water.usgs.gov/owq)

## Publications and Products

USGS Publications Warehouse—[pubs.er.usgs.gov](http://pubs.er.usgs.gov)  
Software Models and Tools—[water.usgs.gov/software](http://water.usgs.gov/software)

## Streamgages in cooperation with:

JANUARY: 05535500—Illinois Department of Natural Resources, Office of Water Resources, and U.S. Army Corps of Engineers, Chicago District  
FEBRUARY: 0140914550—New Jersey Department of Environmental Protection  
MARCH: 31083508129450—Glynn County Joint Water and Sewer Commission  
APRIL: 03463300—North Carolina Department of Environment and Natural Resources  
MAY: 395557082283800—Ohio Water Development Authority;  
02350524—NAWQA Biology  
JUNE: 01648000—District of Columbia and Department of the Environment  
JULY: 02481510—National Streamflow Information Program  
AUGUST: 13181000—Bonneville Power Administration  
SEPTEMBER: 06741510—City of Loveland, CO; 06730525—City of Longmont, CO  
OCTOBER: Federal Emergency Management Agency, Region II;  
15237900—Alaska Department of Transportation;  
06730160—Urban Drainage and Flood Control District  
NOVEMBER: 01606900—West Virginia Conservation Agency  
DECEMBER: 10038000—National Streamflow Information Program  
PHOTO ABOVE: 09359020—Southwestern Water Conservation District

## Educational Resources

Water Science for Schools—[ga.water.usgs.gov/edu](http://ga.water.usgs.gov/edu)  
USGS and Science Education—[education.usgs.gov](http://education.usgs.gov)  
Information for Students and Teachers—[water.usgs.gov/education.html](http://water.usgs.gov/education.html)



# WaterAlert



## Threshold-triggered notifications:

Sign up for daily or hourly email or text alerts about current water conditions using your thresholds at any of the 8,000+ streamflow, groundwater, and water quality sites where USGS collects real-time water data (<http://water.usgs.gov/wateralert/>).

### USGS WaterAlert

#### Subscription Form

##### Site Info:

Site Number: 07288280  
Site Name: BIG SUNFLOWER RIVER NR  
MERIGOLD, MS  
Agency: USGS  
Transaction ID: tT8sq

##### Send Notification To:

[about this...](#)

- ☐ My mobile phone  
☐ My email address

##### Notification Frequency:

[about this...](#)

- Hourly ☐  
Daily ☒

##### Streamflow Data-type

[about this...](#)

##### Parameter:

Discharge (cfs) ☐ Recent value:  
Gage height (ft) ☒ 44 (peak chart)  
4.17 (peak chart)

##### Threshold Condition:

[about this...](#)

- ☒ Greater than (>) Real-time value is greater than:  ft  
☐ Less than (<)  
☐ Outside a range (< or >)  
☐ Inside a range (> and <)



Nick Stasulis, ME WSC


# WaterNow



## Current conditions on-demand:

Send an email message to [WaterNow@usgs.gov](mailto:WaterNow@usgs.gov) where either the Subject or the first line of the message contains the USGS Site Number of the gage you want to query (optionally add parameter codes to customize your query). You will receive a response within a few minutes. (<http://water.usgs.gov/waternow/>).

< New message

[WaterNow@usgs.gov](mailto:WaterNow@usgs.gov) 

01638500

< [waternow@usgs.gov](mailto:waternow@usgs.gov)

9:22AM 01638500

01638500 08:45EST POTOMAC RIVER AT POINT OF ROCKS, MD  
flow = 2140 cfs  
stage = 1.27 ft 9:23AM

Enter message 142/1

Q W E R T Y U I O P  
A S D F G H J K L