Moderate Flooding Forecast Across Parts of the Mid-Atlantic

Decision Support Briefing #2
As of: 1 pm, June 3, 2018

What Has Changed?
✓ 4 forecasts to exceed moderate flood stage
✓ Multiple minor flood forecasts
✓ Continued heavy rain with more expected this afternoon.
# Main Points

<table>
<thead>
<tr>
<th>HAZARD:</th>
<th>Additional heavy rain from slow moving and persistent thunderstorms</th>
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<tbody>
<tr>
<td>IMPACTS:</td>
<td>Flash flooding and river flooding at many locations in Maryland, Virginia and West Virginia.</td>
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<tr>
<td>LOCATION:</td>
<td>Maryland, West Virginia and Virginia. Coastal flooding also in New Jersey and Delaware</td>
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<tr>
<td>TIMING:</td>
<td>Heavy rain overnight will continue into this afternoon. Some locations do not fall below flood stage until Wednesday, June 6, 2018</td>
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<tr>
<td>NOTES:</td>
<td>Parts of the Shenandoah, Potomac, and Rappahannock have had 2” to 4”+ over the past 24 hours. Areas of eastern Virginia have seen 4” to 7”+ by radar estimates.</td>
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</table>
Observed Precipitation

- Heavy rain during the past 24 hours
- Extreme widespread rainfall in Virginia, Maryland, and West Virginia.
✓ Highest forecast amounts in Virginia and Maryland.
✓ Max area can see an additional 1-2” of rain (basin average).
✓ Higher point amounts are likely.
✓ The majority of this rain falls before sunrise on Monday, June 4, 2018.
A Slight risk of excessive rainfall over parts of Maryland, Virginia, West Virginia and Pennsylvania.
Flood Statements

- Flood Watch has been issued for a large portion of the Mid-Atlantic basin.
- Flood Warnings are also in effect due to recent and current heavy rain.
5 Day Flood Outlook

- Significant River Flooding is *Likely* over portions of the Potomac and Shenandoah Basins.

- Significant River Flooding is *Possible* over the remainder of the southern half of our basin.
Select Forecast Hydrographs

CACAPON RIVER NEAR GREAT CACAPON

Latest observed value: 12.19 ft at 11:30 AM EDT 3 Jun 2018. Flood Stage is 9 ft

Site Time (EDT)
- Graph Created (12:24PM Jun 3, 2018) - Observed - Forecast (issued 11:17AM Jun 3)

OPEQUON CREEK NEAR MARTINSBURG

Latest observed value: 10.19 ft at 11:30 AM EDT 3 Jun 2018. Flood Stage is 10 ft

Site Time (EDT)
- Graph Created (12:24PM Jun 3, 2018) - Observed - Forecast (issued 9:24AM Jun 3)

POTOMAC RIVER AT HANCOCK

Latest observed value: 13.74 ft at 11:15 AM EDT 3 Jun 2018. Flood Stage is 20 ft

Site Time (EDT)
- Graph Created (12:18PM Jun 3, 2018) - Observed - Forecast (issued 9:42AM Jun 3)

POTOMAC RIVER AT SHEPHERDSTOWN

Latest observed value: 9.29 ft at 11:30 AM EDT 3 Jun 2018. Flood Stage is 15 ft

Site Time (EDT)
- Graph Created (12:24PM Jun 3, 2018) - Observed - Forecast (issued 9:42AM Jun 3)
Select Forecast Hydrographs

POTOMAC RIVER AT HARPERS FERRY

POTOMAC RIVER AT POINT OF ROCKS

GOOSE CREEK NEAR LEESBURG

POTOMAC RIVER AT EDWARDS FERRY
Select Forecast Hydrographs

**POTOMAC RIVER NEAR WASHINGTON DC (LITTLE FALLS)**

Latest observed value: 7.38 ft at 10:45 AM EDT 3-Jun-2018. Flood Stage is 10.5 ft.

**WASHINGTON CHANNEL AT SW WATERFRONT**

Latest observed value: 4.83 ft at 11:52 AM EDT 3-Jun-2018. Flood Stage is 4.2 ft.

**POTOMAC RIVER AT GEORGETOWN / WISCONSIN AVE**

Latest observed value: 5.44 ft at 11:54 AM EDT 3-Jun-2018. Flood Stage is 6 ft.

**SOUTH FORK SHENANDOAH RIVER NEAR LYNWOOD**

Latest observed value: 14.78 ft at 11:45 AM EDT 3-Jun-2018. Flood Stage is 16 ft.
Select Forecast Hydrographs

Middle Atlantic River Forecast Center

NATIONAL WEATHER SERVICE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

NWSMARFC

Presentation Created 6/3/2018 12:57 PM
Event Summary

✓ Persistent rainfall over the past few days has lead to flooding on small streams/creeks as well as flooding along major rivers in portions of West Virginia, Maryland, and Virginia.

✓ Light to Moderate rain continues to fall over Virginia, Maryland, West Virginia and Pennsylvania.

✓ Our rainfall forecast over the next 3 days shows the highest amounts likely over southern Maryland and eastern Virginia.
**Latest Forecast Information**

Information in this briefing package may change with updated forecast information. Please refer to the offices below for the latest official forecasts.

<table>
<thead>
<tr>
<th>Office</th>
<th>Web Page</th>
<th>Social Media</th>
</tr>
</thead>
<tbody>
<tr>
<td>Binghamton, NY</td>
<td><a href="http://weather.gov/bgm">http://weather.gov/bgm</a></td>
<td>@NWSBinghamton</td>
</tr>
<tr>
<td>Blacksburg, VA</td>
<td><a href="http://weather.gov/rnk">http://weather.gov/rnk</a></td>
<td>@NWSBlacksburg</td>
</tr>
<tr>
<td>Mount Holly, NJ</td>
<td><a href="http://weather.gov/phi">http://weather.gov/phi</a></td>
<td>@NWS_MountHolly</td>
</tr>
<tr>
<td>State College, PA</td>
<td><a href="http://weather.gov/ctp">http://weather.gov/ctp</a></td>
<td>@NWSStateCollege</td>
</tr>
<tr>
<td>New York City, NY</td>
<td><a href="http://weather.gov/okx">http://weather.gov/okx</a></td>
<td>@NWSNewYorkNY</td>
</tr>
<tr>
<td>Sterling, VA</td>
<td><a href="http://weather.gov/lwx">http://weather.gov/lwx</a></td>
<td>@NWS_BaltWash</td>
</tr>
<tr>
<td>Wakefield, VA</td>
<td><a href="http://weather.gov.akq">http://weather.gov.akq</a></td>
<td>@NWSWakefieldVA</td>
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</tbody>
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Forecasts also available on the AHPS web site: [http://water.weather.gov](http://water.weather.gov)
Or the MARFC web site: [http://www.weather.gov/marfc](http://www.weather.gov/marfc)
Contact and Next Briefing Information

Next Briefing

**When:** Afternoon of Monday, June 4, 2018

Briefing Webpage:
http://www.weather.gov/marfc/self_briefing

Disclaimer: The information contained within this briefing is time-sensitive, do not use after Monday, June 4, 2018