

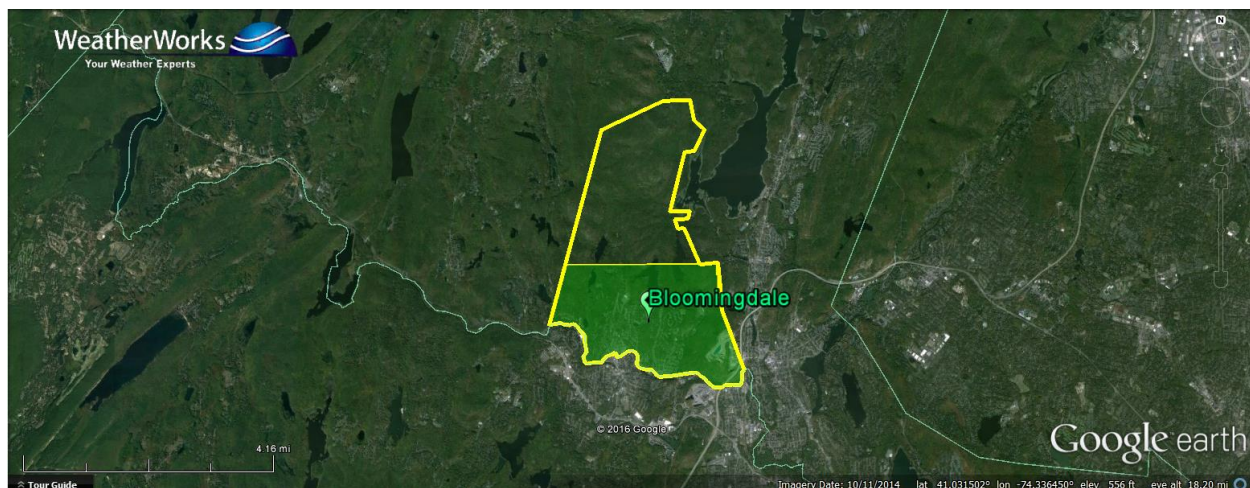
Tuesday, August 02, 2016

Attn: Al Gallagher  
Bloomington Dept of the Public Works  
973-296-4860  
agallagher@bloomingtonnj.net

**RE: Rainfall Report  
Bloomington, NJ | July 29 – 31, 2016**

Dear Mr. Gallagher,

As you requested, I have reviewed the weather for Bloomington, NJ (see image below) from July 29 – 31, 2016. Research was primarily focused in the more populated portion of the area, shaded green. Enclosed is our Certified Past Weather Report based on the weather data examined. If you have any further questions or comments regarding our report, please do not hesitate to give me a call.



## CERTIFICATION

I certify that the information in this report is true and accurate and that any estimations, interpolations or assumptions that have been made were done so with expert accuracy by a professional meteorologist. Additionally, I reserve the right to amend these conclusions made herein upon further discovery of additional meteorological data.



Sam DeAlba  
Meteorologist - WeatherWorks Inc.  
Director of Forensic and Data Services

Table 1 below provides an estimate of the weather conditions for the Bloomingdale, NJ area from July 29 – 31, 2016. **Incremental 6-hr Precip** is the amount of precipitation in inches that fell during the indicated 6-hour period. **Max Totals** (15 min, 30 min, 1 hour, 2 hours) is the highest accumulation in this amount of time during the indicated period.

**Table 1. Rainfall Table - July 29 – 31, 2016**

	<b>Incremental</b>	<b>Max</b>	<b>Max</b>	<b>Max</b>	<b>Max</b>
<b>Time</b>	<b>6-hr Precip</b>	<b>in 15 min</b>	<b>in 30 min</b>	<b>in 1 hour</b>	<b>in 2 hours</b>
07/29 12A-06A	0.35	0.09	0.13	0.22	0.31
07/29 06A-12P	0.16	0.04	0.07	0.12	0.16
07/29 12P-06P	0.00	0.00	0.00	0.00	0.00
07/29 06P-12A	0.02	0.01	0.01	0.02	0.02
<b>07/29 Total</b>	<b>0.53</b>	----	----	----	----
07/30 12A-06A	0.00	0.00	0.00	0.00	0.00
07/30 06A-12P	0.00	0.00	0.00	0.00	0.00
07/30 12P-06P	2.05	0.68	0.98	1.38	2.02
07/30 06P-12A	0.58	0.20	0.26	0.32	0.46
<b>07/30 Total</b>	<b>2.63</b>	----	----	----	----
07/31 12A-06A	0.31	0.18	0.25	0.30	0.30
07/31 06A-12P	0.94	0.45	0.80	0.81	0.81
07/31 12P-06P	0.18	0.08	0.11	0.12	0.16
07/31 06P-12A	<u><b>3.18**</b></u>	<u><b>1.24</b></u>	<u><b>2.16</b></u>	<u><b>2.78</b></u>	<u><b>3.18</b></u>
<b>07/31 Total</b>	<b>4.61</b>	----	----	----	----
<b>3-day Total/Max</b>	<b>7.77</b>	<b>1.24</b>	<b>2.16</b>	<b>2.78</b>	<b>3.18</b>
<b>Frequency</b>	<b>Once per 25 years</b>	<b>Once per 25 years</b>	<b>Once per 200 years</b>	<b>Once per 100 years</b>	<b>Once per 50 years</b>

*\*\*All 07/31 06P-12A rainfall occurred between 7:45P-9:30P*