**Daily Guidance for the Flash Flood Guidance System Forecasting – Preliminary Evaluation**

**Date:**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Question** | **Answer** | | | | | |
| **Time:** |  |  |  |  |  |  |
| 1. Has there been any rainfall? |  |  |  |  |  |  |
| 1. Is there any rainfall expected? |  |  |  |  |  |  |
| 1. Is the soil moisture above 50%? |  |  |  |  |  |  |
| 1. Are the FFG values fairly low? |  |  |  |  |  |  |
| 1. Are there areas where you would be concerned for flash flooding? |  |  |  |  |  |  |
| 1. Specific location of concern |  |  |  |  |  |  |

Please fill out the form on the next page of you have answered yes for the following questions:

* 1, 2, 3, 4 and 5
* 2, 3, 4, and 5
* 5

**Daily Guidance for the Flash Flood Guidance System Forecasting – Detailed Evaluation**

|  |  |
| --- | --- |
| **Question** | **Answer** |
| 1. Date of issue (Day/Month/Year – Time): |  |
| 1. Date of validity (Day/Month/Year – Time): |  |
| 1. Latitude (optional) |  |
| 1. Longitude (optional) |  |
| 1. Event Location |  |
| 1. Images |  |
| 1. Remarks |  |
| 1. Has there been a recent flash flood reported? |  |

**Meteorological Conditions**

**Synoptic Conditions and Models (merged MAP and other):**

|  |  |
| --- | --- |
| **Question** | **Answer** |
| 1. Has there been any rainfall?    1. If yes then where, how much and when?    2. Include the 1, 3 and 6 hr |  |
| 1. What type of system is prevailing? |  |
| 1. How is the system progressing? Weakening/Strengthening |  |
| 1. Does this system have the potential for more rain? |  |
| 1. Images |  |
| 1. Remarks |  |

**Hydrologic Conditions**

**ASM Product:**

|  |  |
| --- | --- |
| **Question** | **Answer** |
| 1. What are the soil moisture saturation levels? |  |
| 1. What is the trend in soil moisture? (Drying/wetting) |  |
| 1. Images |  |
| 1. Is the area(s) flash flood prone? |  |
| 1. Steep slopes, shallow soils, soil types |  |
| 1. Stream gauge reading/ Dam level |  |

**Forecast (FMAP):**

|  |  |
| --- | --- |
| **Question** | **Answer** |
| 1. Is it going to rain?    1. If so how much?    2. In the next 1, 3, 6 hours? |  |
| 1. Images |  |
| 1. Further outlook beyond 6 hours |  |
| 1. Make note of forecast uncertainty |  |

**FFG Product:**

|  |  |
| --- | --- |
| **Question** | **Answer** |
| 1. How much rain is needed to cause bankfull at the outlet of the draining stream?    1. 1, 3, 6-hr? |  |
| 1. Images |  |

**Summary:**

|  |
| --- |
|  |

**Alert:**

|  |  |
| --- | --- |
| **Question** | **Answer** |
| 1. **(**Watch/Warning Issued**)** |  |

**Verification:**

|  |  |
| --- | --- |
| **Question** | **Answer** |
| 1. Meteorological Observations – Extreme weather report |  |
| 1. Hydrological and EMA reports |  |
| 1. Media report of event |  |
| 1. Impacts of Event (deaths or damages) |  |
| 1. Location of directory (more information about event) |  |
| 1. System evaluation (miss, hit, false alarm) |  |