



MAPPING RECOMMENDATIONS

Each year the State of Alaska is asked to provide FEMA with an updated list of the top ten Alaskan watersheds recommended for study under FEMA’s Risk MAP Program in the next fiscal year. *The Alaska Prioritization and Future Studies Sequencing Decision Support System* was developed to provide a defensible and fair prioritization of Alaskan watersheds. As noted in the previous chapter, this tool provides relative comparisons between watersheds based on a number of normalized factors in Alaska.

In early 2015, the State of Alaska and FEMA will begin Risk MAP Discovery in the cities of Bethel, Kwethluk, Aniak and Emmonak. The next group of watersheds to be prioritized will be for Risk Map Studies beginning in late 2015 and early 2016.

The table on the next two pages (pages 97 and 98) lists the top-ranked 50 watersheds based on the prioritization tool. Highlighted watersheds are those that have already been selected for Risk MAP studies, or are part of local jurisdictions which have recently undergone mapping studies. After removing these watersheds from the prioritization list, as well as those without significant populated areas or without communities that participate in the NFIP, the list in Table 28, below, shows the top 10 watersheds being recommended for Risk MAP studies in 2015-2016 as well as the NFIP-participating communities located within these watersheds.

Table 28: Priority Watersheds for Risk MAP Studies in 2015-16

#	HUC-8 Watershed	NFIP Participating Jurisdiction
1	19010301 Lynn Canal	Haines Borough
2	19050104 Nome	City of Nome
3	19040506 Chena River	Fairbanks North Star Borough
4	19040507 Tanana Flats	Fairbanks North Star Borough, City of Nenana
5	19040507 Stony River	City of McGrath
6	19010303 Chilkat-Skagway Rivers	Haines Borough, Municipality of Skagway
7	19010202 Kuiu-Kupreanof-Mitkof-Etolin-Zarembo-Wrangell	City of Petersburg
8	19050201 Shishmaref	Northwest Arctic Borough, City of Shishmaref
9	19040508 Nenana River	City of Nenana
10	19050403 Lower Noatak River	City of Kotzebue

FEMA conducts a separate sequencing process for prioritizing Alaska’s watersheds to be studied under Risk MAP. The State’s priorities will be considered when a final decision is made about Risk MAP studies undertaken in 2015-2016



Table 29: NFIP Communities Located in the Fifty Highest-Ranked Watersheds

NFIP PARTICIPATING COMMUNITY	HUC_8	Watershed Name	Rank
Kenai Peninsula Borough	19020302	Upper Kenai Peninsula	1
Kenai, City of	19020302	Upper Kenai Peninsula	1
Municipality of Anchorage	19020302	Upper Kenai Peninsula	1
Soldotna, City of	19020302	Upper Kenai Peninsula	1
Aniak, City of	19030502	Kuskokwim Delta	2
Bethel, City of	19030502	Kuskokwim Delta	2
Kwethluk, City of	19030502	Kuskokwim Delta	2
Emmonak, City of	19040805	Yukon Delta	3
Cordova, City of	19020201	Eastern Prince William Sound	4
Kenai Peninsula Borough	19020201	Eastern Prince William Sound	4
Matanuska-Susitna, Borough of	19020201	Eastern Prince William Sound	4
Municipality of Anchorage	19020201	Eastern Prince William Sound	4
Valdez, City of	19020201	Eastern Prince William Sound	4
Homer, City of	19020301	Lower Kenai Peninsula	5
Kenai Peninsula Borough	19020301	Lower Kenai Peninsula	5
Kenai Peninsula Borough	19020202	Western Prince William Sound	6
Seward, City of	19020202	Western Prince William Sound	6
Matanuska-Susitna, Borough of	19020401	Anchorage	7
Municipality of Anchorage	19020401	Anchorage	7
Matanuska-Susitna, Borough of	19020402	Matanuska	8
Municipality of Anchorage	19020402	Matanuska	8
Municipality of Anchorage	19020402	Matanuska	8
Matanuska-Susitna, Borough of	19020102	Middle Copper River	9
City & Borough of Juneau	19010301	Lynn Canal	10
Haines Borough	19010301	Lynn Canal	10
Ketchikan Gateway Borough	19010102	Ketchikan	11
Ketchikan Gateway Borough	19010102	Ketchikan	11
Cordova, City of	19020104	Lower Copper River	12
City & Borough of Sitka	19010203	Baranof-Chichagof Islands	13
City & Borough of Sitka	19010203	Baranof-Chichagof Islands	13
Hoonah, City of	19010203	Baranof-Chichagof Islands	13
Wrangell City & Borough	19010203	Baranof-Chichagof Islands	13
Nome, City of	19050104	Nome	14
Fairbanks North Star Borough	19040506	Chena River	15
Fairbanks North Star Borough	19040507	Tanana Flats	16
Nenana, City of	19040507	Tanana Flats	16
Kenai Peninsula Borough	19030405	Stony River	17
Lake and Peninsula Borough	19030405	Stony River	17
McGrath, City of	19030405	Stony River	17
Kenai Peninsula Borough	19020601	Redoubt-Trading Bays	19
Lake and Peninsula Borough	19020601	Redoubt-Trading Bays	19
Matanuska-Susitna, Borough of	19020601	Redoubt-Trading Bays	19
Matanuska-Susitna, Borough of	19020601	Redoubt-Trading Bays	19

* Communities high-lighted in yellow have already been selected for Risk MAP Studies. Communities high-lighted in peach/tan are suspended communities which don't participate in the NFIP.



Table 29, continued: NFIP Communities Located in the Fifty Highest-Ranked Watersheds

NFIP PARTICIPATING COMMUNITY	HUC_8	Watershed Name	Rank
Haines Borough	19010303	Chilkat-Skagway Rivers	20
Municipality of Skagway	19010303	Chilkat-Skagway Rivers	20
Petersburg, City of	19010202	Kuiu-Kupreanof-Mitkof-Etolin-Zarembo-Wrangell	21
Wrangell City & Borough	19010202	Kuiu-Kupreanof-Mitkof-Etolin-Zarembo-Wrangell	21
Wrangell City & Borough	19010202	Kuiu-Kupreanof-Mitkof-Etolin-Zarembo-Wrangell	21
Wrangell City & Borough	19010202	Kuiu-Kupreanof-Mitkof-Etolin-Zarembo-Wrangell	21
Wrangell City & Borough	19010202	Kuiu-Kupreanof-Mitkof-Etolin-Zarembo-Wrangell	21
Matanuska-Susitna, Borough of	19020505	Lower Susitna River	22
Kenai Peninsula Borough	19020702	Shelikof Straight	25
Lake and Peninsula Borough	19020702	Shelikof Straight	25
Kenai Peninsula Borough	19030206	Lake Iliamna	26
Lake and Peninsula Borough	19030206	Lake Iliamna	26
Kenai Peninsula Borough	19030205	Lake Clark	27
Lake and Peninsula Borough	19030205	Lake Clark	27
Northwest Arctic Borough	19050201	Shishmaref	29
Shishmaref, City of	19050201	Shishmaref	29
Homer, City of	19020800	Cook Inlet	30
Kenai Peninsula Borough	19020800	Cook Inlet	30
Kenai, City of	19020800	Cook Inlet	30
Matanuska-Susitna, Borough of	19020800	Cook Inlet	30
Municipality of Anchorage	19020800	Cook Inlet	30
Fairbanks North Star Borough	19040509	Tolovana River	32
Aniak, City of	19030501	Aniak	34
Kenai Peninsula Borough	19020602	Tuxdeni-Kamishak Bays	35
Lake and Peninsula Borough	19020602	Tuxdeni-Kamishak Bays	35
City & Borough of Juneau	19010201	Mainland	36
Wrangell City & Borough	19010201	Mainland	36
Wrangell City & Borough	19010201	Mainland	36
Northwest Arctic Borough	19050103	Norton Bay	38
City & Borough of Juneau	19010304	Taku River	40
Matanuska-Susitna, Borough of	19040508	Nenana River	40
Nenana, City of	19040508	Nenana River	40
Kotzebue, City of	19050403	Lower Noatak River	42
Northwest Arctic Borough	19050403	Lower Noatak River	42
Matanuska-Susitna, Borough of	19020501	Upper Susitna River	43
Northwest Arctic Borough	19050105	Imuruk Basin	43
Lake and Peninsula Borough	19030101	Cold Bay	45
Northwest Arctic Borough	19050301	Selawik Lake	45
Fort Yukon, City of	19040403	Yukon Flats	47
Kenai Peninsula Borough	19020504	Yentna River	47
Matanuska-Susitna, Borough of	19020504	Yentna River	47
Galena, City of	19040705	Galena	50
Koyukuk, City of	19040705	Galena	50
Togiak, City of	19030305	Togiak	50

* Communities high-lighted in yellow have already been selected for Risk MAP Studies. Communities high-lighted in peach/tan are suspended communities which don't participate in the NFIP.