

Snuggets for Seattle and King County Ready

*Notes for translators: Thank you for your help on this project!

1) IMPORTANT! When you are translating this document please maintain the formatting. I will be weaving html format back into the translations.

- If something is **bolded**, keep it **bolded** when translated.
- If something is hyperlinked, please highlight in blue (no need to hyperlink it again, but I do need to know where to put links back in)
- If there is numbering or bullets please retain those in the translation

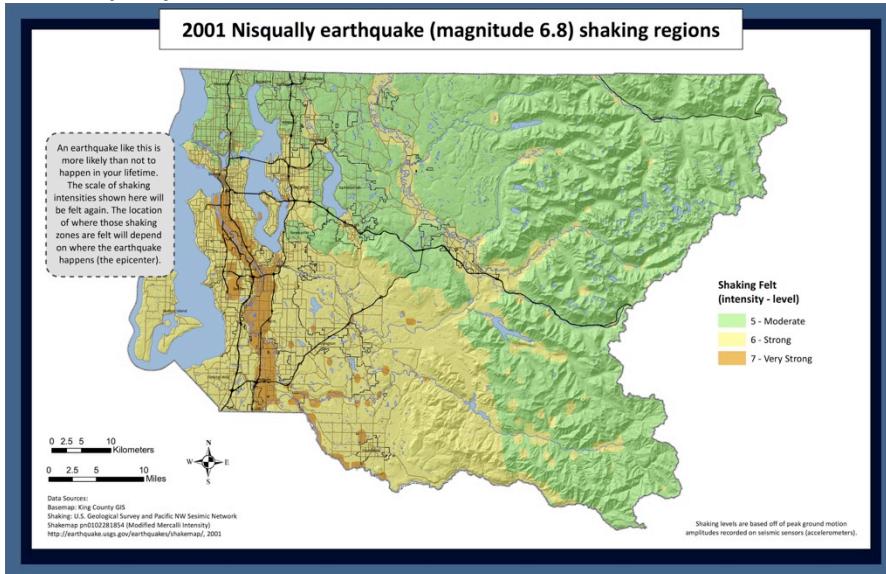
2) You do not need to translate the left-hand column of the tables. It is only for organization purposes. (For example, on the next page it says intensity 5 on the left. You can leave that as-is and only translate the text to the right that starts with “There is a...”)

3) You do not need to translate text on images.

If you have any questions during translation feel free to email or call Carson at 206-832-7590 or carson@hazardready.org.

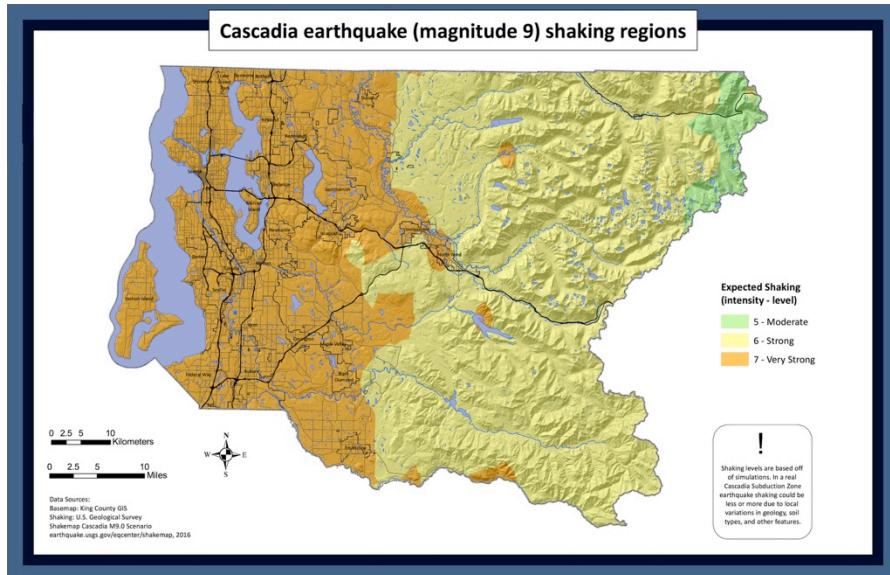
Dhul gariirkka

Oo noloshaada ah: Nisqually 6.8



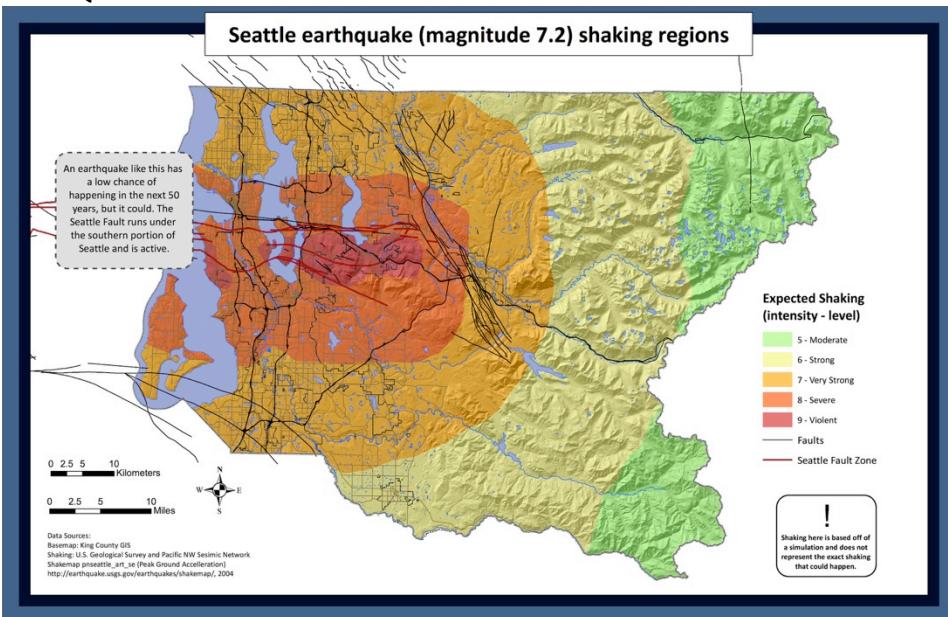
Intensity 5	Waxaa jiro FURSAD SAREYSO (84%) ee baaxada 6.5+ dhulgariir qotodheer oo dhufanayo 50 sanno ee xigo. Waxay dareemeysaa si lamid ah M6.8 ee Dhulgariirkha Nisqually ee 2001. Gariirkha dhaxedhaxaadka waxaa dareemaya ku dhawaad qof walboo halkaan joogo. Albaabada wuu lulmayaa, sawirada darbiyada way shanqarayaan, iyo sheeyada yaryar way dhici karaan. Waxyeelada way yaraaneysaa. (gariirada)
Intensity 6	Waxaa jiro FURSAD SAREYSO (84%) ee baaxada 6.5+ dhulgariir qotodheer oo dhufanayo 50 sanno ee xigo. Waxay dareemeysaa si lamid ah M6.8 ee Dhulgariirkha Nisqually ee 2001. Gariir xoongan wuu ku adkeynayaa inuu halkaan ku lugeeyo. Buuggaagta, galaasyada, iyo sheeyada way ka dhacayaan iska faaloooyinka. Albaabada armaajada iyo qaanadaha way furmayaan. Qaar ka mid ah shooladaha iyo si liito ugu dhisan dhismooyinka way waxyeeloobayaan. (gariirada)
Intensity 7	Waxaa jiro FURSAD SAREYSO (84%) ee baaxada 6.5+ dhulgariir qotodheer oo dhufanayo 50 sanno ee xigo. Waxay dareemeysaa si lamid ah M6.8 ee Dhulgariirkha Nisqually ee 2001. Gariir aad u xoongan ayaa ku adkeynayo in halkaan la taagnaado. Alaabta guriga way dhaqaqeysaa iyo sheeyo badan waxay ka soo dhacayaan iska faaloooyinka. Waxyeelada muhiim ah oo si liidato ugu dhisan qaabdhismedyada oo wax yar dhedhaxaadinyo qaabdhismedyoo caadi ah. (gariirada)

Dhulgariirkha Ruxuda Cascadia

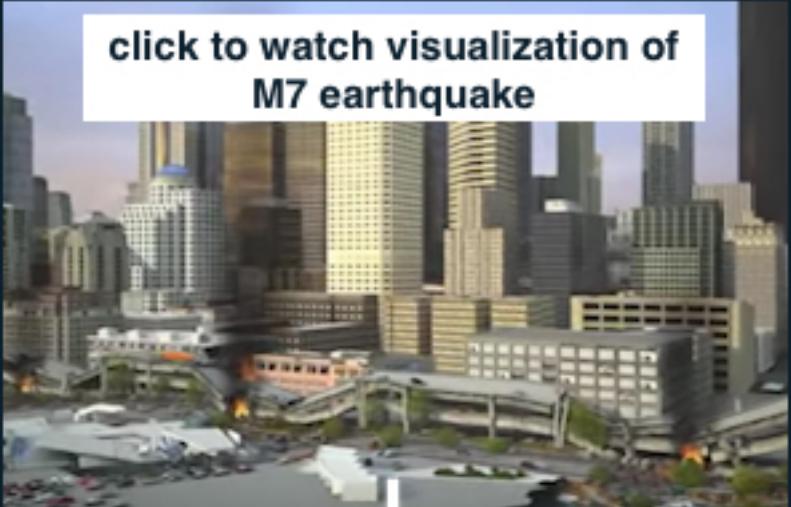


Intensity 5	Waxaa jiro FURSAD DHEXDHAXAAD (10-30%) ee baaxada 8+ dhulgariirkha Cascadia oo dhufanayo Wuqooyiga galbeed ee 50 sanno ee xiggo. Marka ay dhacdo, waxaad dareemeysa gariir dhexdhaxaad ah ee ku adkeysto daqiiqado halkaan. Sheeyada aan badbaadada aheyn way ka dhacayaan iska faalooyinka. Albaabada armaajada way lulmayaan oo furmayaan oo xirmayaan. Awooda iyo biyaha way dan sanaan karaan maalmo illaa isbuucyo. (qariirada)
Intensity 6	Waxaa jiro FURSAD DHEXDHAXAAD (10-30%) ee baaxada 8+ dhulgariirkha Cascadia oo dhufanayo Wuqooyiga galbeed ee 50 sanno ee xiggo. Marka ay dhacdo, waxaad dareemeysa gariir xoogan ah halhaan ee ku adkeysto daqiiqado. Way adkaaneysaa in la socdo. Dhismooyinka Bulkeetiga oo Culu way waxyeeloobayaan iyo dadka way dhaawacmayaan. Awooda iyo biyaha way damayaan maalmo illaa isbuucyo. (qariirada)
Intensity 7	Waxaa jiro FURSAD DHEXDHAXAAD (10-30%) ee baaxada 8+ dhulgariirkha Cascadia oo dhufanayo Wuqooyiga galbeed ee 50 sanno ee xiggo. Marka ay dhacdo, waxaad dareemeysa gariir aad u xoogan ee ku adkeysto daqiiqado halkaan. Taagnaashada way adkaaneysaa iyo wax badan ayaa dhaawacmaya. Bulkeetiyyada iyo galaasyada burbursan waxay aftiiminayaan wadooyinka. Awooda iyo biyaha way damayaan maalmo illaa isbuucyo. (qariirada)

Xaalada ugu xun: Qaladka Seattle 7.2 mataalaada



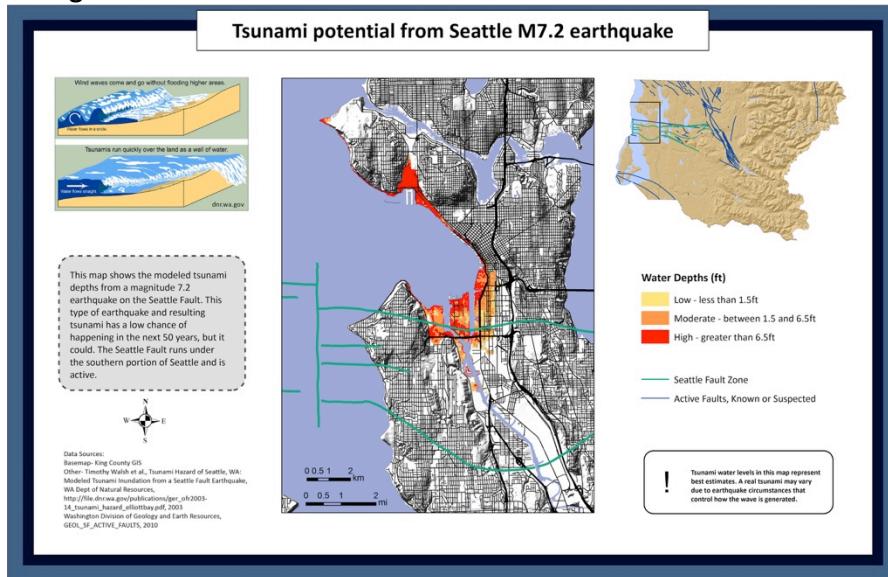
Intensity 5	FURSAD HOOSE (5%) ee ka jirto baaxada 7+ dhulgariirka Qaladka Seattle ee 50 sanno ee xiggo, laakin haddii ay sameyso waxyeelo ayay noqoneysaa. Gariirka dhaxedhaxaadka waxaa dareemaya ku dhawaad qof walboojogoo. Albaabada wuu lulmayaa, sawirada darbiyada way shanqarayaan, iyo sheeyada yaryar way dhici karaan. Waxyeelada way yaraaneysaa. (qariirada)
Intensity 6	FURSAD HOOSE (5%) ee ka jirto baaxada 7+ dhulgariirka Qaladka Seattle ee 50 sanno ee xiggo, laakin haddii ay sameyso waxyeelo ayay noqoneysaa. Gariir xoogan wuu ku adkeynayaa inuu ku lugeeyo. Buuggaagta, galaasyada, iyo sheeyada way ka dhacayaan iska faalooyinka. Qaar ka mid ah shooladaha iyo si liito ugu dhisan dhismooyinka way waxyeeloobayaan. (qariirada)
Intensity 7	FURSAD HOOSE (5%) ee ka jirto baaxada 7+ dhulgariirka Qaladka Seattle ee 50 sanno ee xiggo, laakin haddii ay sameyso waxyeelo ayay noqoneysaa. Gariir aad u xoogan ayaa adkeyneyso in la taagnaado. Alaabta guriga way dhaqaqeysaa iyo sheeyo ayaa dhacayo. Waxyeelada waxay muhiim u noqoneysaa dhismooyinka sida liidato loo dhisay iyo dhexdhaxaadka dhismooyinka caadiga ah. (qariirada)

	
Intensity 8	<p>FURSAD HOOSE (5%) ee ka jirto baaxada 7+ dhulgariirka Qaladka Seattle ee 50 sanno ee xiggo, laakin haddii ay sameyso waxyeelo ayay noqoneysaa. Gariir daran ayaa ku adkeynayo in la taagnaado ama la kaxeeyo. Alaabaha guriga culus waa la afgambinaya. Qeybaha dhismooyinka URM wuu burburaya iyo guryaha naqshada alwaaxa waxay isku badelayaan aasaasyada. (qariirada)</p> 
Intensity 9	<p>FURSAD HOOSE (5%) ee ka jirto baaxada 7+ dhulgariirka Qaladka Seattle ee 50 sanno ee xiggo, laakin haddii ay sameyso waxyeelo ayay noqoneysaa. Gariirka xiigan wuxuu ku sababayaa faafida naxdinta iyo dilaacyada dhulka way aasaasmeysaa. Dhulka buuraha waxaa lagu kicinayaa dalcadaha dagaandaga iyo godka waxay ka dhaceysaa ciidaha qoyan. (qariirada)</p>

**click to watch visualization of
M7 earthquake**

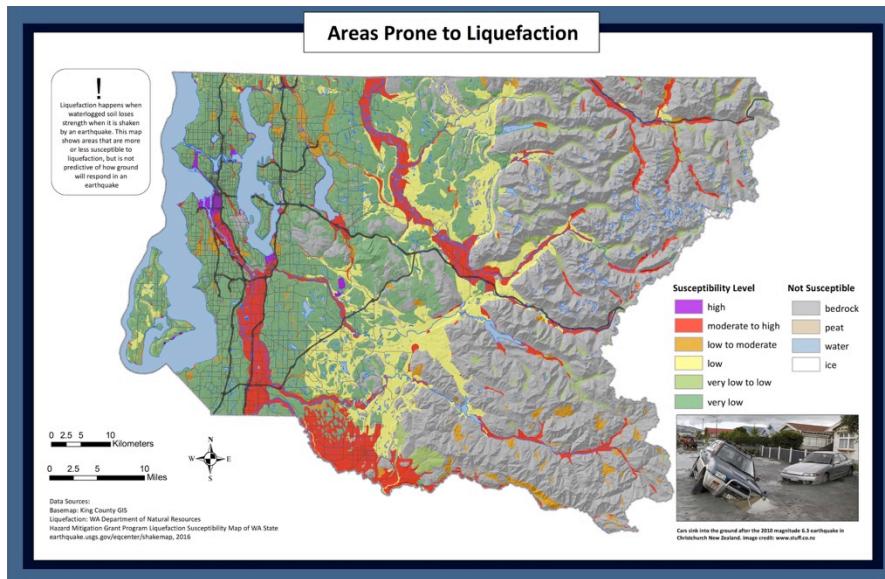


Qaladka Tusunaamiga Seattle



1, High (depth>=6.5feet)	Waxaad joogtaa aaga tusanaamiga halista SEREYSO . Heerarka biyaha waxay ka sara kacayaan madaxaaga daqiiqado illaa tobannaadyo daqiiqado ee xigo dhulgariirka. Markii gariirkha joogsado KA GUUR ISLA MARKIIBA dhul sareeyo. (gariirada)
2, Mod (1/5 < depth < 6.5 feet)	Waxaad joogtaa aaga tusanaamiga halista SEREYSO . Heerarka biyaha waxay ku gaarayaan inta u dhaxeyso jilbahaaga iyo madaxaaga daqiiqa illaa tobanaadyo daqiiqad ee xigga dhul gariirkha. Markii gariirkha joogsado KA GUUR ISLA MARKIIBA dhul sareeyo. (gariirada)
3, Low (depth < 1.5 feet)	Waxaad joogtaa aaga tusanaamiga halista SEREYSO . Heerarka biyaha waxay gaarayaan illaa ilbahaaga ee degdega hadeer ee ku filan inuu kugu dhufto. Waxaad haysataa daqiiqado illaa toban daqiiqado ee looga GUURAYO dhul sareeyo. (gariirada)
4, Tsunami Study Area (no 5, tsunami)	Waxaad banaanka ka jirtaa aaga tusanaamiga halista ah ee la calaameeyay , laakin hirarka tusanaamiga way isbedeli kartaa. Miyaad ku nooqshahay ama ka shaqeysaa aaga buur hoose (ee gudaha 30ft ee heerkha biyaha) u dhow badda? Haddii ay sidaas tahay, KA GUUR ISLA MARKIIBA dhul sareeyo kadib dhul weyn. (gariirada)
5, Quarter mile coastline buffer	Waxaad ku jirtaa gudaha rubac mayl ee badda . Haddii joogtid meel buur hoose (within 30ft ee heerkha badda) waxaad halis ugu jiri kartaa tusanaami ee xigga dhul gariirkha u dhow. Raadi dhul sareeyo isla markiiba. (gariirada)
7, Ocean	Haddii aad doon saarantahay inta lagu jiro dhul gariirkha waxaad la kulmi kartaa hirarka dhaqaqa tusanaamiga oo xoogan oo kugu soo socdo. T illaa iyada. (gariirada)

Godadka



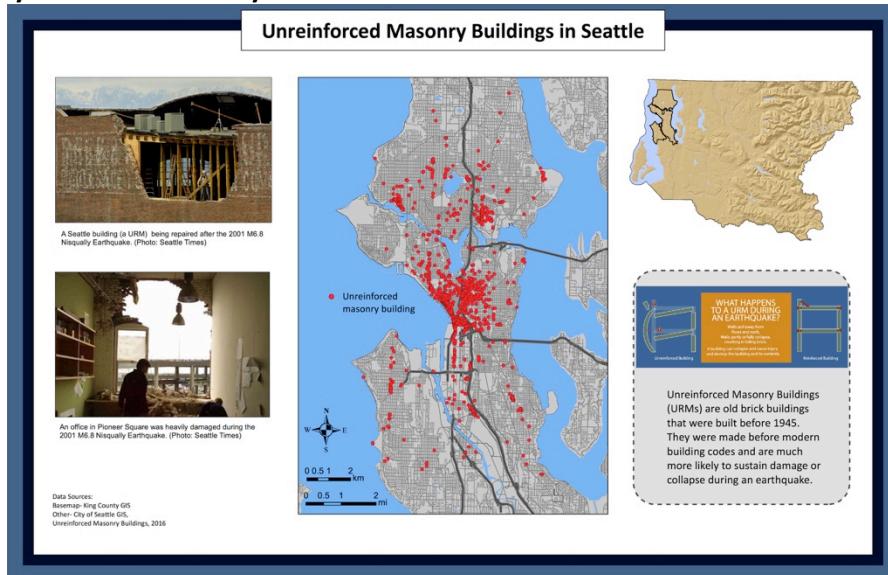
High	Imaan karo: SAREEYO Ciida rokmeysyo waxay noqoneysaa mid aan aad u xasilooneyn oo waxay u dhaqmeysaa sida ciid degdega ah. Biyaha ciida ka buuxo kor ayaa soo aadi kartaa oo dhinaca dilaacyada wadooyinka. (gariirada)
Moderate - High	Imaan karo: DHEXDHAXAAD - SAREEYO Ciida gariirmeyso waxay noqoneysaa mid aan xasilooneyn. Tani waxay yareyneysaa kartida ciida looga baxayo ee guryahaa haysto, baabuurta, iyo qaabdhismeddyada kale. Biyaha ciida ka buuxo kor ayaa soo aadi kartaa oo dhinaca dilaacyada wadooyinka. (gariirada)
Low - Moderate	Imaan karo: HOOSEEYO - DHEXDHAXAAD Jiritaano qaarkood oo imaan karo ee godka halkaan. Gariirinta waxay ku sababi kartaa ciida inay xasiloon wayso. Wadooyinka way dilaaci karaan oo waxyeeloobi karaan. (gariirada)
Low	Imaan karo: HOOSEEYO Illaa gariirka uu xooganyahay uusan u nasiib laheyn waxaad ku arkeysaa godka halkaan. (gariirada)
Very Low - Low	Imaan karo: AAD U HOOSEEYO - HOOSEEYO Illaa gariirka aad u xooganyahay, waa nasiib daro inaad ku arkeysid god halkaan. (gariirada)
Very Low	Imaan karo: AAD U HOOSEEYO Illaa gariirka aad u xooganyahay, waa nasiib daro inaad ku arkeysid god halkaan. (gariirada)
Bedrock	Imaan karo: MA JIRAAN Aagaan waa dhagax adag, dhagax adaga ee hoos yaalo ciida iyo biyaha. Ma biyo noqoneysyo. (gariirada)
Peat	Imaan karo: MA JIRAAN Aagaan waa caro madow, arinta dabiiciga ah ee ka kooban waxyaabaha ciida madow. Way isku laabmi kartaa laakin ma biyo noqoneysyo. (gariirada)
Ice	Imaan karo: MA JIRAAN

Aagaan waxaa laga sameeyay baraf iyo ma biyo noqoneyso. ([qariirada](#))

Isha lagu qeexayo waxa micnaha hoos-sareeyo yahay:

<http://geomaps.wr.usgs.gov/sfgeo/liquefaction/susceptibility.html>

Qaabdhismeedyada Aan xasilooneyn



0-10/sq mile	<p>MUGGA AAD U HOOSEEYO: 0 illaa 10 dhismooyinka bulkeetiga (URM) dhismayaasha wareega maykiiba.</p> <p>Dhismaha noocaan ah, dhul gariir xoogan ayaa ku sababayo darbiyada bulkeetiga ama saqafyada inay dhacaan. Haraaga wuxuu wasaqeynayaa wadooyinka. Fiiri halka URM uu kuu dhowyahay iyo haddii horay loogu daray. (gariirada)</p>
10-25/sq mi	<p>MUGGA HOOSEEYO: 10 illaa 25 dhismooyinka bulkeetiga (URM) dhismayaasha wareega maykiiba.</p> <p>Dhismaha noocaan ah, dhul gariir xoogan ayaa ku sababayo darbiyada bulkeetiga ama saqafyada inay dhacaan. Haraaga wuxuu wasaqeynayaa wadooyinka. Fiiri halka URM uu kuu dhowyahay iyo haddii horay loogu daray. (gariirada)</p>
25-50/sq mi	<p>MUGGA DHEXDHAXAADKA: 25 illaa 50 dhismooyinka bulkeetiga (URM) dhismayaasha wareega maykiiba.</p> <p>Dhismaha noocaan ah, dhul gariir xoogan ayaa ku sababayo darbiyada bulkeetiga ama saqafyada inay dhacaan. Haraaga wuxuu wasaqeynayaa wadooyinka. Fiiri halka URM uu kuu dhowyahay iyo haddii horay loogu daray. (gariirada)</p>
50-100/sq mi	<p>MUGGA SAREEYO: 50 illaa 100 dhismooyinka bulkeetiga (URM) dhismayaasha wareega maykiiba.</p> <p>Haddii aad joogtid URM inta lagu jiro Istuurka dhulgariirka, Isdabool, iyo Qabso. Dhismooyinkaan, dhul gariir xoogan ayaa ku sababayo darbiyada bulkeetiga iyo saqafyada inay dhacaan. Haraaga wuxuu wasaqeynayaa wadooyinka. Fiiri halka URM uu kuu dhowyahay iyo haddii horay loogu daray. (gariirada)</p>
100-250/sq mi	<p>MUGGA AAD U SAREEYO: 100 illaa 250 dhismooyinka bulkeetiga (URM) dhismayaasha wareega maykiiba.</p> <p>Haddii aad joogtid URM inta lagu jiro Istuurka dhulgariirka, Isdabool, iyo Qabso. Dhismooyinkaan, dhul gariir xoogan ayaa ku sababayo darbiyada bulkeetiga iyo saqafyada inay dhacaan. Haraaga wuxuu wasaqeynayaa wadooyinka. Fiiri halka URM uu kuu dhowyahay iyo haddii horay loogu daray. (gariirada)</p>

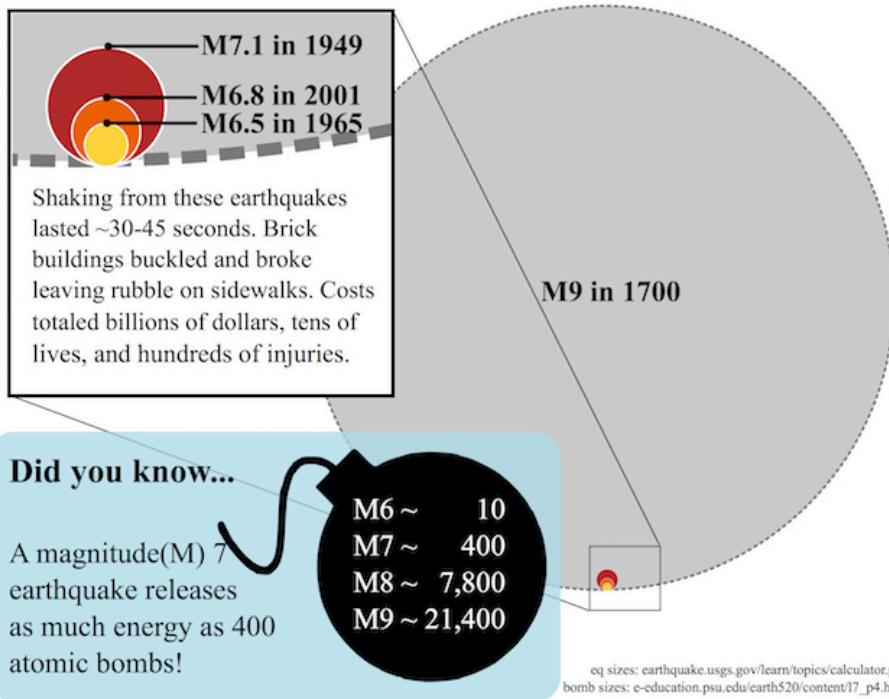
Aastaamaha Digniinta

Saynisyahanka ma qiyaasi karo goorta dhulgariir dhacayo marka ka taxadar iyo haddii aad dareentid gariir, istuur dabool, oo qabso. Nidaamka digniinta hore hadeer waxaa loo hormariyay Xeebta Galbeedka. Wuxuu heli kartaa waxbadan [halkaan](#).

Dhulgariirkha Taariqiga ah

Tan iyo 1870, 15 dhulgariir weyn (oo ka weyn baaxada 5) ayaa ku dhuftay Gobolka Washington. Sheekoo yinka asalka sidoo kale way sheegtaa dhulgariir weyn (oo ka weyn baaxada 8) iyo tusanaamiga ee xigay 1700.

Energy release: comparing historic earthquakes in WA State



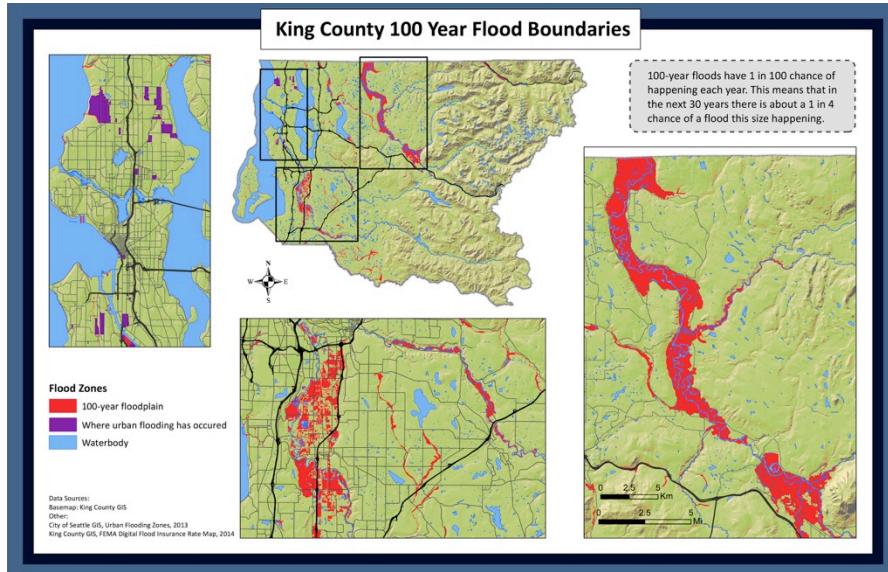
U diyaar garow Dhulgaruurka

Xarumaha (tusaale)

Local Resource	<p>Xarumaha Gurmadka Bulshada waa meelaha dariska ay isugu imaan karaan masiibada kadib si ay usu caawiyaan.</p> <p>XARUNTA ADIGA KUU DHOW WAA,</p> <p style="text-align: center;">Hope Lutheran Church (Alaska Junction Hub)</p> <p style="text-align: center;">Goobta Xarunta: 4456 42nd Ave SW, Seattle, WA 98116</p> <p style="text-align: center;">Xarunta Hub: Tabaruce Loo baahanyahay</p> <p>I-meelka: info@seattleemergencyhubs.org</p> <p>Taleefonka: TBD</p> <p>Websaydka: http://seattleemergencyhubs.org</p>
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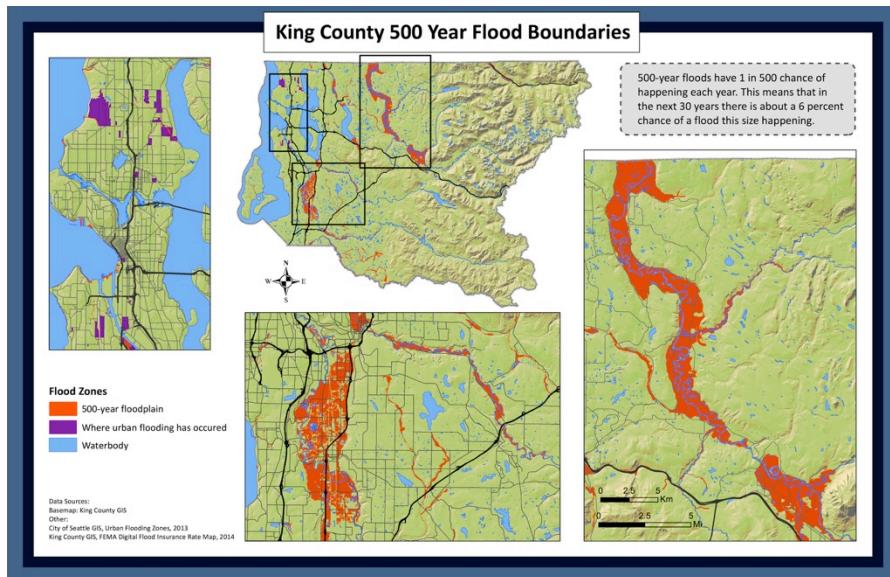
Fatahaad

Oo noloshaada ah: Fatahaad 100 sanno



River channel	Waxaa jiro fursad sareyso ee fatahaada halkaan. Waxay fadhidaa xanuunka fatahaada 100-sanno. Tani wxaay la micna tahay waxaa jiro 25% oo fursada biyaha fatahaada ee halkaan soo gaarayo 30-ka sanno ee xigga (qariirada). Iska diiwaangeli digniinada fatahaada oo i-meel ama fariin ahaan ama dajiso app-ka digniika fatahaada ee mobeelada casriga ah.
100-yr floodplain	Waxaa jiro fursad sareyso ee fatahaada halkaan. Waxay fadhidaa xanuunka fatahaada 100-sanno. Tani wxaay la micna tahay waxaa jiro 25% oo fursada biyaha fatahaada ee halkaan soo gaarayo 30-ka sanno ee xigga (qariirada). Iska diiwaangeli digniinada fatahaada oo i-meel ama fariin ahaan ama dajiso app-ka digniika fatahaada ee mobeelada casriga ah.
lake or pond	Fatahaada waa nasiib daro halkaan. Heerarka biyaha wax yar ayay kor ukici karaan inta lagu jiro fatahaada ama duufaanta xoogan. (qariirada)
reservoir	Fatahaada waa nasiib daro halkaan. Heerarka biya daga wax yar ayay kor ukici karaan inta lagu jiro fatahaada ama duufaanta xoogan. (qariirada)
waterbody	Fatahaada waa nasiib daro halkaan. Heerarka biyaha wax yar ayay kor ukici karaan inta lagu jiro fatahaada ama duufaanta xoogan. (qariirada)
bridge	Buundooyinka waxay noqon karaan kuwa aan badbaado aheyn marka fatahaada dhaceysyo. Haddii aad ka shakisid in buundo waxyellowday, ka walaacsanow oo ku soo wargeli Xarunta Digniinta Fatahaada adiga oo soo wacayo 206-296-8200 ama 800-945-9263. (qariirada)
land	Tamni waxay banaanka ka tahay aagaga fatahaada halista sareyso> (qariirada). LAAKIN haddii aad ku nooshahay meel u dhow ama wabi yar ka taxadar inay fatahaad noqon kartoo sidoo kale. Fiiri Websaydka Wabiga iyo Maamulida Fatahaada cad wixii warbixin dheeraad ah.
urban flooding	Aagaan waxay soo fatahday xiliga la soo dhaafay markii duufaan weyn uu dhuftay Seattle. Markale ayay dhici kartaa haddii duufaan kale oo xoogan ku sababto in biyaha u buuxsamaan oo u qalalaan si liidato. Hoos u soco oo sida la isu diyaariyo. (qariirada)

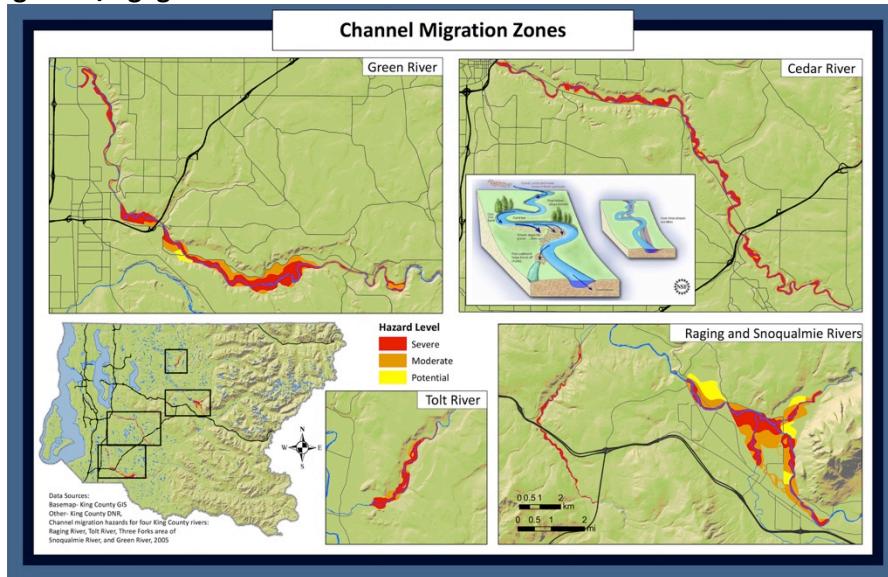
Xaalada Ugu xun: Fatahaad 500 sanno



River channel	Roobka, barafka dhalaalo, ama labadaba waxay ku sababaan in biyaha kor waxyar u kacaan. Biyaha fatahaada waxay buux dhaafiyaan geesaska wabiga, ku daataan dariska, oo saameeyaan wadooyinka. Aagaan waxay ku jirtaa 500-sanno fatahaada ee qariradeysan oo way fataheysaa. Waxaa jiro fursada boqolkiiba 6% waxaad arkeysaa fatahaada cabirkaan ah ee 30-ka sanno ee xiggo. (qariirada)
100-yr floodplain	Roobka, barafka dhalaalo, ama labadaba waxay ku sababaan in biyaha kor waxyar u kacaan. Biyaha fatahaada waxay buux dhaafiyaan geesaska wabiga, ku daataan dariska, oo saameeyaan wadooyinka. Aagaan ku jiro 500-sanno fatahaada cad ee qariradeysan way fataheysaa. Waxaa jiro fursada boqolkiiba 6% waxaad arkeysaa fatahaada cabirkaan ah ee 30-ka sanno ee xiggo. (qariirada)
lake or pond	U dhow biyo dageenada, durdurada, iyo wabiyyada way fatahayaan. Tani waxay ka dhigtaa wadooyinka qaarkood inaan lamari karin (qariirada). Iska diiwaangeli digniinada fatahaada oo i-meel ama fariin ahaan ama dajiso app-ka digniika fatahaada ee mobeelada casriga ah.
reservoir	Waa nasiib daro inaad ku arkeysid fatahaad halkaan. Duufaanta weyn waxay ku sababi kartaa meel u dhow biyo dageenada, durdurada, iyo wabiyyada inay sare u kacaan. Dhacitaanka roob culus ayaa abuuri karo barkadaha biyaha taagan ee wadooyinka. Haddii aad la kulantid fatahaada deegaamowday ka soo wac Xarunta Digniinta Gobolka King 206-296-8200 ama 800-945-9263. (qariirada)
waterbody	Waa nasiib daro inaad ku arkeysid fatahaad halkaan. Duufaanta weyn waxay ku sababi kartaa meel u dhow biyo dageenada, durdurada, iyo wabiyyada inay sare u kacaan. Dhacitaanka roob culus ayaa abuuri karo barkadaha biyaha taagan ee wadooyinka. Haddii aad la kulantid fatahaada deegaamowday ka soo wac Xarunta Digniinta Gobolka King 206-296-8200 ama 800-945-9263. (qariirada)
bridge	Waa nasiib daro inaad ku arkeysid fatahaad halkaan. Duufaanta weyn waxay ku sababi kartaa meel u dhow biyo dageenada, durdurada, iyo wabiyyada inay sare u kacaan. Dhacitaanka roob culus ayaa abuuri karo barkadaha biyaha taagan ee wadooyinka. Haddii aad la kulantid fatahaada deegaamowday ka soo wac Xarunta Digniinta Gobolka King 206-296-8200 ama 800-945-9263. (qariirada)

land	Waa nasiib daro inaad ku arkeysid fatahaad halkaan. Duufanta weyn waxay ku sababi kartaa meel u dhow biyo dageenada, durdurada, iyo wabiyada inay sare u kacaan. Dhacitaanka roob culus ayaa abuuri karo barkadaha biyaha taagan ee wadooyinka. Haddii aad la kulantid fatahaada deegaamowday ka soo wac Xarunta Digninta Gobolka King 206-296-8200 ama 800-945-9263. (qariirada)
urban flooding	Aagaan way unugushahay fatahaada magaalada. Sida weyn ee duufanta fatahaada badan ee ku arki kartid dhinacaan. (qariirada)

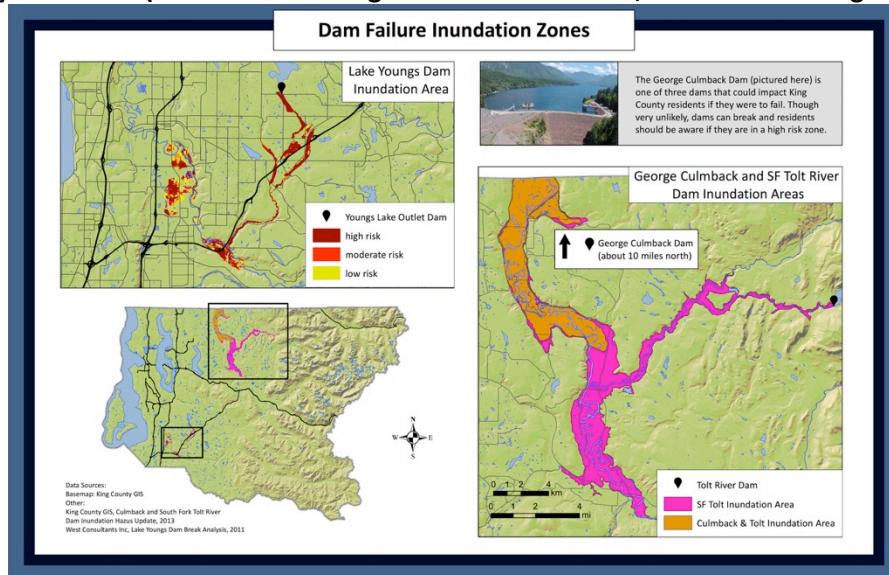
Halista Nabaadguurka/Agaga Socdaalka Kanaalka



Severe, Cedar River	Sida waxyabaha ugu badan, wabiyada waxay maraan wadada diidmada iyo isbadelada waqtii kadib. Waxay badelmaan inta badan inta lagu jiro iyo fahatahaada kadib. Aagaan wuxuu leeyahay fursad sareyso ee Wabiga Cedar ee marayo dhinacaan mustaqbalka. (qariirada)
Severe, Green River	Sida waxyabaha ugu badan, wabiyada waxay maraan wadada diidmada iyo isbadelada waqtii kadib. Waxay badelmaan inta badan inta lagu jiro iyo fahatahaada kadib. Aagaan wuxuu leeyahay fursad sareyso ee Wabiga Green ee marayo dhinacaan mustaqbalka. (qariirada)
Severe, Raging River	Sida waxyabaha ugu badan, wabiyada waxay maraan wadada diidmada iyo isbadelada waqtii kadib. Waxay badelmaan inta badan inta lagu jiro iyo fahatahaada kadib. Aagaan wuxuu leeyahay fursad sareyso ee Wabiga Raging ee marayo dhinacaan mustaqbalka. (qariirada)
Severe, Snoqualmie River	Sida waxyabaha ugu badan, wabiyada waxay maraan wadada diidmada iyo isbadelada waqtii kadib. Waxay badelmaan inta badan inta lagu jiro iyo fahatahaada kadib. Aagaan wuxuu leeyahay fursad sareyso ee Wabiga Snoqualmie ee marayo dhinacaan mustaqbalka. (qariirada)
Severe, Tolt River	Sida waxyabaha ugu badan, wabiyada waxay maraan wadada diidmada iyo isbadelada waqtii kadib. Waxay badelmaan inta badan inta lagu jiro iyo fahatahaada kadib. Aagaan wuxuu leeyahay fursad sareyso ee Wabiga Tolt ee marayo dhinacaan mustaqbalka. (qariirada)

Moderate, Cedar River	Sida waxyaabaha ugu badan, wabiyada waxay maraan wadada diidmada iyo isbadelada waqtii kadib. Waxay badelmaan inta badan inta lagu jiro iyo fahatahaada kadib. Aagaan wuxuu leeyahay fursad dhextaad ah ee Wabiga Cedar ee marayo dhinacaan mustaqbalka. (qariirada)
Moderate, Green River	Sida waxyaabaha ugu badan, wabiyada waxay maraan wadada diidmada iyo isbadelada waqtii kadib. Waxay badelmaan inta badan inta lagu jiro iyo fahatahaada kadib. Aagaan wuxuu leeyahay fursad dhextaad ah ee Wabiga Green ee marayo dhinacaan mustaqbalka. (qariirada)
Moderate, Raging River	Sida waxyaabaha ugu badan, wabiyada waxay maraan wadada diidmada iyo isbadelada waqtii kadib. Waxay badelmaan inta badan inta lagu jiro iyo fahatahaada kadib. Aagaan wuxuu leeyahay fursad dhextaad ah ee Wabiga Raging ee marayo dhinacaan mustaqbalka. (qariirada)
Moderate, Snoqualmie River	Sida waxyaabaha ugu badan, wabiyada waxay maraan wadada diidmada iyo isbadelada waqtii kadib. Waxay badelmaan inta badan inta lagu jiro iyo fahatahaada kadib. Aagaan wuxuu leeyahay fursad dhextaad ah ee Wabiga Snoqualmie ee marayo dhinacaan mustaqbalka. (qariirada)
Moderate, Tolt River	Sida waxyaabaha ugu badan, wabiyada waxay maraan wadada diidmada iyo isbadelada waqtii kadib. Waxay badelmaan inta badan inta lagu jiro iyo fahatahaada kadib. Aagaan wuxuu leeyahay fursad dhextaad ah ee Wabiga Tolt ee marayo dhinacaan mustaqbalka. (qariirada)
Potential, Green River	Sida waxyaabaha ugu badan, wabiyada waxay maraan wadada diidmada iyo isbadelada waqtii kadib. Waxay badelmaan inta badan inta lagu jiro iyo fahatahaada kadib. Aagaan wuxuu leeyahay fursad hooseyso ee Wabiga Green ee marayo dhinacaan mustaqbalka. (qariirada)
Potential, Snoqualmie	Sida waxyaabaha ugu badan, wabiyada waxay maraan wadada diidmada iyo isbadelada waqtii kadib. Waxay badelmaan inta badan inta lagu jiro iyo fahatahaada kadib. Aagaan wuxuu leeyahay fursad hooseyso ee Wabiga Snoqualmie ee marayo dhinacaan mustaqbalka. (qariirada)
Potential, Tolt River	Sida waxyaabaha ugu badan, wabiyada waxay maraan wadada diidmada iyo isbadelada waqtii kadib. Waxay badelmaan inta badan inta lagu jiro iyo fahatahaada kadib. Aagaan wuxuu leeyahay fursad hooseyso ee Wabiga Tolt ee marayo dhinacaan mustaqbalka. (qariirada)
500 feet from river, no study completed	Sida waxyaabaha ugu badan, wabiyada waxay maraan wadada diidmada iyo isbadelada waqtii kadib. Ma jirto daraasad halkaan lagu sameeyay si loo arko haddii wabiga u dhowyahay inuu dhaqaaqo waqtii kadib, laakin ogow inay noqon karto.
River Channel	Tani waa gudaha kanaalka wabiga hadeer. Waqtii kadib goobta kanaalka wuu isbadeli karaa. (qariirada)

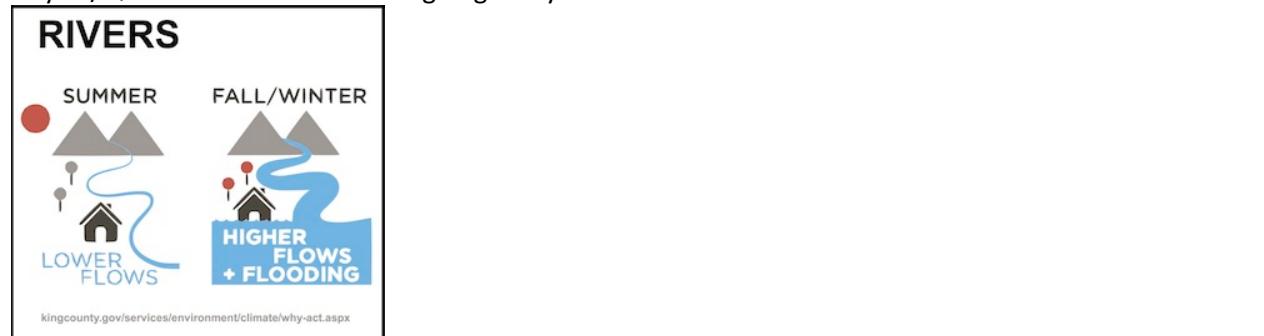
Howlgabka Biyo xireenka (PMF=fatahaada ugu badnaan dhici kara, marka xaalada ugu xun)



Culmback Dam inundation area and tolt PMF	Howlgabka Biyo xireenka waa dhif. Si kastaba, haddii Biyo xireenka George Culmback ama Biyo xireenka Wabiga Tolt howlgabo aagaan way fatahi kartaa (qariirada). Iska diiwaangeli digniinada fatahaada oo i-meel ama fariin ahaan ama dajiso app-ka digniika fatahaada ee mobeelada casriga ah.
Lake Youngs dam low	Howlgabka Biyo xireenka waa dhif. Si kastaba, haddii Biyo xireenka Haraha Youngs howlgabo aagaan waxay halis ugu jirtaa fatahaad (qariirada). Iska diiwaangeli digniinada fatahaada oo i-meel ama fariin ahaan ama dajiso app-ka digniika fatahaada ee mobeelada casriga ah.
Lake youngs dam moderate	Howlgabka Biyo xireenka waa dhif. Si kastaba, haddii Biyo xireenka Haraha Youngs howlgabo aagaan waxay halis ugu jirtaa fatahaad dhexdhaxaad ah (qariirada). Iska diiwaangeli digniinada fatahaada oo i-meel ama fariin ahaan ama dajiso app-ka digniika fatahaada ee mobeelada casriga ah.
Lake youngs dam high	Howlgabka Biyo xireenka waa dhif. Si kastaba, haddii Biyo xireenka Haraha Youngs howlgabo aagaan waxay halis ugu jirtaa sareyso ugu jirtaa fatahaad (qariirada). Iska diiwaangeli digniinada fatahaada oo i-meel ama fariin ahaan ama dajiso app-ka digniika fatahaada ee mobeelada casriga ah. Howlgabka Biyo xireenka waa dhif.
South Fork Tolt River Dam	Howlgabka Biyo xireenka waa dhif. Si kastaba, haddii Biyo xireenka Wabiga Tolt aagaan way fatahi kartaa (qariirada). Iska diiwaangeli digniinada fatahaada oo i-meel ama fariin ahaan ama dajiso app-ka digniika fatahaada ee mobeelada casriga ah.

Saameynada Cimilada

Duufaanada daran waxaa laga filanayo inay kordhiso 50-ka sanno ee xigga. Waxay u keeneysa roob iyo baraf. Wabiyyada waxay yeelanayaan qulqul sareeyo ee u jaheynayo fatahaad badan ee Deyrta/Qaboobaha. Riix sawirka lagu ogaanayo wax badan.



Aastaamaha Digniinta

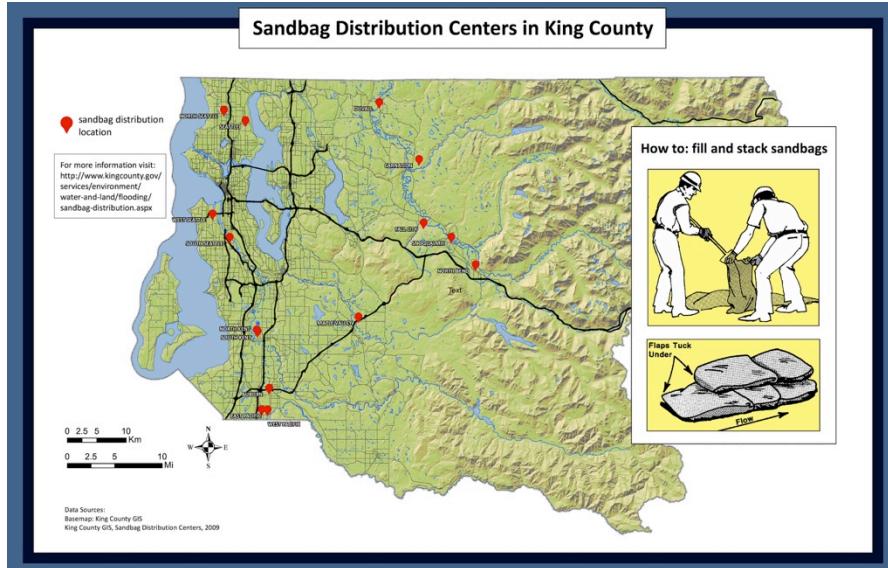
Miyuu roob adag da'ayay ama maalmo badan? Leeyahay heer kulul kacayo oo sababay baraf dhallaalka lama filaanka ah ee buuraha? Samey heerarka biyaha ee wabiyyada deegaanka ee sare u muuqdo? Fursadaha fatahaada way kordhi kartaa. Fiiri wargelinada aqbaarta oo adeegyada cimilada ee digniinada deegaanka.

U diyaargarow Fatahaada

Before	<ol style="list-style-type: none"> QORSHEY - Samey qorshaha waxa la sameynayo iyo halka la aadayo haddii ay biyaha soo koraan. La how sheeyo muhiim ah oo diyaar ah (shahaadooyinka dhalashada, waraaqaha muhiimka ah, sawirada, iwm). Hel caymiska fatahaada haddii aad u baahantahay. U DIYAARGAROW - Ku keydso sheeyada qiimaha leh iyo kiimikooyinka qoyska meel ka koreyso heerarka fatahaada iyo baro sida loo damiyo korontooyinka (biyaha, gaaska, iyo korontada).
During	<ul style="list-style-type: none"> DIYAAR GAROW - Isu keen sheeyada degdega ah (dharka diiran, toosh, mobeel, raadiyow la qaadi karo, iwm). Haddii waqtiga ogolaado oo wuxuu u muuqdaa muhiim, dami korontooyinka DHAGEYSO - Dhageyso aqbaaraha iyo haddii laguugula taliyo, u guur dhul sareeyo. KA FOGOW HALISAHА - HA ku lugeynin ama haku kaxeynin dhinaca biyaha fatahaada. Waxay qaadataa kaliya 6 injis oo dhaqaqa biyaha ee adiga kugu dhufunayo iyo 2 fiit oo gaariga loogu xaaqayo!
	<p>Essentials High Ground Avoid H₂O Utilities OFF</p>
After	<ul style="list-style-type: none"> Haddii gurigaaga fatahay, ka walaacsanow dib u gelida sida ay lahaan karto waxyeelo qaabeysan. Lahow korontooyinka eegida xirfadlaha ka hor inta aadan iska geddin.

- | | |
|--|--|
| | <ul style="list-style-type: none"> • Lumitaanada waraaqaha ee sawirida waxyeelooyinka iyo qarashaadka suubinta duubitaanka. • Ka ogow wax badan halkaan. |
|--|--|

Illaha Deegaanka



illaha: Gobolka King GIS, 2009, Goobaha Qeybinta Jawaanada ciida ee Gobolka King,
http://www5.kingcounty.gov/sdc/DataImages/sandbag_distribution_location.jpg.

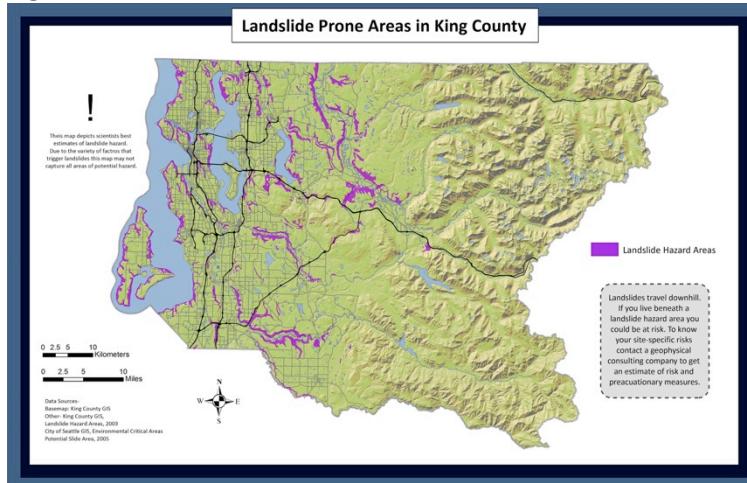
Kent (example)	<p>U diyaar garow fatahaada adiga oo qaadayo oo buuxinayo jawaanada ciida. <u>(gariirada)</u></p> <p>QEYBIN XARUNTA KUU DHOW ADIGA WAA,</p> <p style="text-align: center;">Russell Road Park u dhaxeyso Russell Rd. iyo S. 240th St. Kent, WA, 98032 Ciida qaado kaliya (ma lahan jawaanka ciida) Isniiinta-Jimcaha 8:00 am - 4:00 pm</p>
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Fatahaadaha Taariiqiga ah

<p>Oo leh wabiyaal badan ee fatahaada Gobolka King waa caadi inta lagu jiro muddooyinka dhacitaanada roobka culus ama baraf dhallaalka degdega ah. Fatahaada way ugu caadisantahay ka bilow Nofeembarta illaa Febraayo, laakin waxay dhici kartaa marwalba oo xaaladaha ay saxanyihiin.</p>
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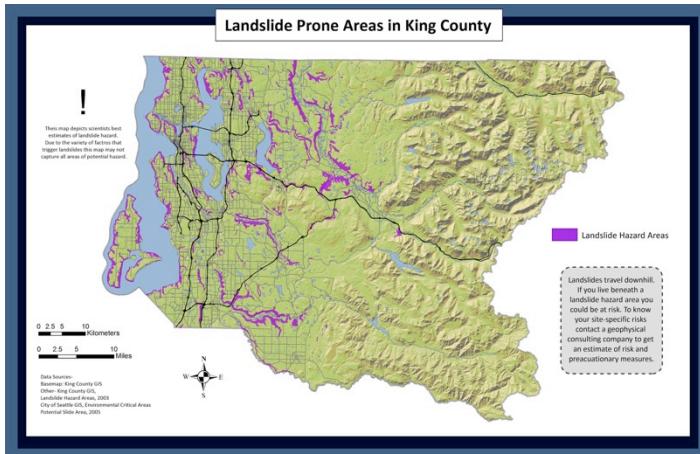
Dhulal buurta/Lumitaanka Weyn

Oo noloshaada ah: Aaga Taraaraxa Imaan karta



Shallow Slope	Aagaan waxay leedahay giirada godka oo waxay si yr ugu dhowdsahay inay yeelato dhulalka buurta ah halkaan. Dhulalka buuraha u muuqdaan inay ka dhacaan markii dhulka uu ka qoyanyahay qeybaha roobka AMA dhulka gariirka sababo. Hoos uga soco dhacdooyinka taariiqiga ah fiiri haddii wax dhulalka buurta ah lagu qoray aagaaga. (gariirada)
Steep Slope	Sabab la xiriirto dalcadaha dagaandaga, aagaan waxay leedahay fursad dheeraad ah ee godka dhulalka buurta ah halkaan. Dhulalka buuraha u muuqdaan inay ka dhacaan markii dhulka uu ka qoyanyahay qeybaha roobka AMA dhulka gariirka sababo. Hoos uga soco dhacdooyinka taariiqiga ah si aad u aragtid dhulka buurta lagu qoray aagaaga. (gariirada)
Steep Slope	Sabab la xiriirto dalcadaha dagaandaga, aagaan waxay leedahay fursad dheeraad ah ee godka dhulalka buurta ah halkaan. Dhulalka buuraha u muuqdaan inay ka dhacaan markii dhulka uu ka qoyanyahay qeybaha roobka AMA dhulka gariirka sababo. Hoos uga soco dhacdooyinka taariiqiga ah si aad u aragtid dhulka buurta lagu qoray aagaaga. (gariirada)

Xaalada Ugu xun: Socodka Imaan karta



Shallow slope	Lagama yaabo inaad ku aragtid taraarax halkaan, laakin waxaad ku arki kartaa mid u dhow dalcadaha dagaandaga haddii xaaladaha ay saxantahay. Isha ku hay aagaga aan xasilooneyn. Gaar ahaan wadooyinka ay xireen haraayada ama xaalufay. (qariirada)
Steep slope	Miyay dalcadaha dagaandaga u dhowyihii meel aan qudaar ka bixin? Miyuu roob da'ayay maalmo? Haddii ay haa tahay, dalcadaha dagaandaga ka dhig si ay aad ugu dhowdahay dhulka buurta ah inay halkaan ka dhacdo. Isha ku hay aagaga aan xasilooneyn. Gaar ahaan wadooyinka ay xireen haraayada ama xaalufay. (qariirada)
Steep slope	Miyay dalcadaha dagaandaga u dhowyihii meel aan qudaar ka bixin? Miyuu roob da'ayay maalmo? Haddii ay haa tahay, dalcadaha dagaandaga ka dhig si ay aad ugu dhowdahay dhulka buurta ah inay halkaan ka dhacdo. Isha ku hay aagaga aan xasilooneyn. Gaar ahaan wadooyinka ay xireen haraayada ama xaalufay. (qariirada)

Saameynada Cimilada

Dhulalka buurta ah waxy inta badan ka dhacdaa illaa taraaraxa xeebta hore ee hirarka ku dhufanayo leemanka xeebta. **Biyaha Puget Sound waxay ka kaceen 8 injis tan iyo 1913!** Oo leh heerarka biyaha sareeyo ee nabaadguurka hore ee imaan karo way kordhayaan. Roobka xad dhaafka ee duufaanada daran waxay sidoo kale yareyn karaan dalcadaha ee kicinayo dhulalka buurta badan ee Gobolka King. Riix sawirka lagu ogaanayo wax badan.



Aastaamaha Digniinta

Miyaad maqashaa dhawaqyada alwaaxa dilaacayo, dhagaxaan isgaraacayo, guuxa dhulka? Ma aragtaa jeexyada muuqaalka dhulka iyo dhaqaaqa dalcadaha hoose ee dhulka, dhagaxanta, iyo qudaarta? Waxay noqon kartaa dhulka buurta ah. U dhaqaaq dhul xasiloон.

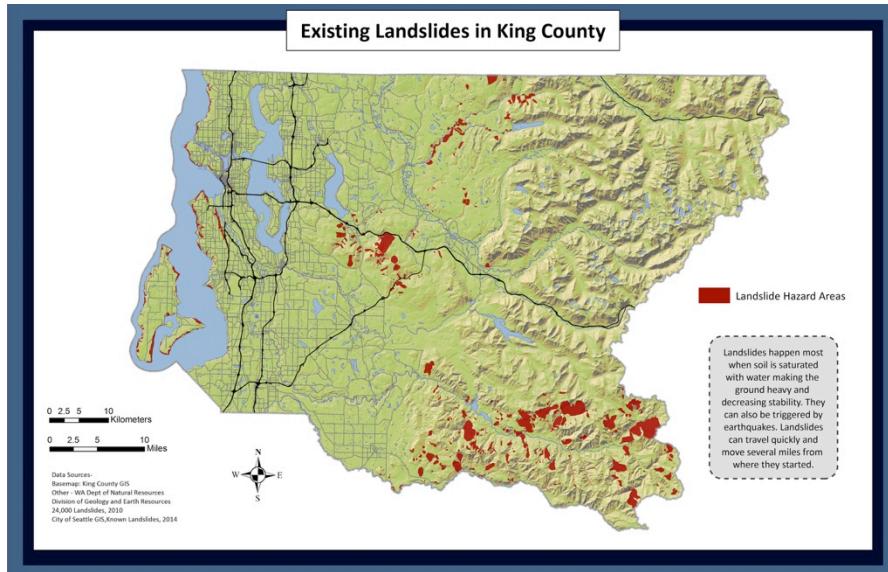
U diyaar garow dhulka buurta

Before	<ol style="list-style-type: none"> QIIMEY - Haddii aaga agagaarka gurigaaga laga yaabo inuu u nugulyahay dhulalka buurta raadi tallada taqasusyada dhulka. Waxay qiimeyn karaan halista dhulka buurta iyo/ama naqshada farsamooyinka saxitaanka ee lagu yareynayo dhulalka buurta. YAREY HALISTA - Abuur daboolka dhulka ee jiirada iyo/ama dhis darbi celinayo ee xasilinayo dhinacyada buurta DIYAARI - Samey sanduuqa saadka iyo qorshaha qoyska oo naqshadeynayo ugu yaraan labo wadooyin badbaado ah
During	<p>Ka joogitaanka wadada dhulka buurta ama haraaga waa illaaladaada ugu wanaagsan. Sahanka Dhulka Mareykanka sidoo kale wuxuu ku taliyay sida xigta,</p> <ul style="list-style-type: none"> KA DIGTOONOW - Dhageyso dhawaqyada aan caadiga aheyn. Xoogan, kala go'a gaaban ee roobka waxay noqon kartaa halis gaar ah, gaar ahaan muddooyin dheer kadib ee dhacitaanka roobka xoogan iyo cimilada qoyan. TIXGELI KA TAGIDA - Haddii aad joogtid aagaga ee unugul dhulalka buurta ah iyo qulqulada haraaga, tixgeli ka tagida haddii ay badbaado tahay inaad sidaas sameysid. Haddii aad go'aansatid inaad guriga joogtid, u dhaqaaq sheekada labaad haddii ay suurtogal tahay. OGOW HEERARKA DURDURKA - Haddii aad u dhowdahay durdur ama kanaal, ka digtoonow kordhin walboo lama filaan ah ama hoos u dhaca qulqulka biyaha iyo isbadelka biyaha cad oo dhoobo noqonayo. Kuwaan waxay tilmaami kartaa durdurka kore ee howsha dhulka buurta ah. HAKA DAAHIN! Keydi nafsadaada, ma ahan alaabahaaga.

Illaha Deegaanka

Landslide Resources	Wixii warbixin dheeraad ah ka fiiri bogga Waaxda Illaha Dabiiciga ee dhulalka buurta iyo halisaha dhulalka buurta ah . Wixii dhulalka buurta ee xaafadaada, fiiri warbixin laha heli karo Seattle iyo Gobolka King. Gobolka King Caasimada Seattle
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Taariiqda hadeer ah



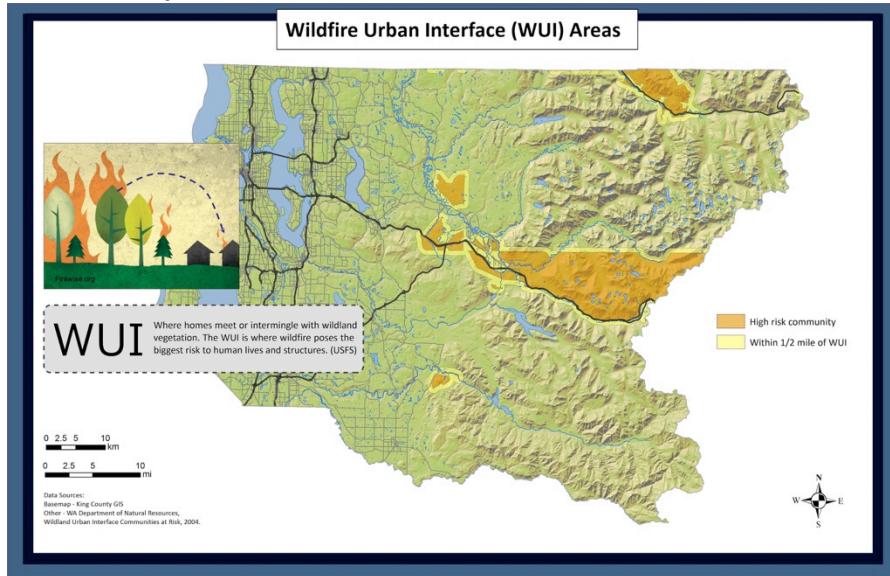
1 Ma jiraan dhulalka buurta oo halkaan lagu aqoonsaday ([Wargelinta 2016](#)).

	Dhulalka buurta caadi ayay ka yihii dhal la'aanta, dalcadaha dagaandaga halka daadashooyinka isugu imaadaan. Haddii aad ku nooqshahay meel ka hooseyso aaga sida midaan ka taxadar halisahaaga (gariirada). Si loogu baaro fadhiyada xogta si aad u dhow ee Gobolka King iMap (iska hubi dhulalka buurta in lagu eego sheekada).
2	Saynisyahanada kama aqoonsan wax dhul gariir ah halkaan. Wixii warbixin dheeraad ah fiiri Wargelinta 2016 iyo gariirada . Si loogu baaro fadhiyada xogta si aad u dhow ee Gobolka King iMap (iska hubi dhulalka buurta in lagu eego sheekada).
3	Ma jiraan dhulalka buurta ee lagu aqoonsaday halkaan sida waafaqsan daraasada 1995 ee taraaraxa Caasimafa Seattle (gariirada).
4	Ma jiraan daraasad lagu dhameystiray halkaan ee lagu aqoonsanayo haddii dhulalka buurta taariiq ahaan jireen (gariirada).
1a	DHULALKA BUURTA WAXAY KA DHACDAY HALKAAN ee waqtii yar ee la soo dhaafay (Wargelinta 2016) iyo (gariirada). Taraaraxyada taariiqiga ah laga yaabo ama laga yaabin inay tilmaanto taraaraxa mustaqbalka dhici karo. Si loo ogaado haddii halisaha weli ka jiraan aaga baahiyada qiimeynata gaarka ah ee uu sameynayo la taliyaha farsamada dhulka. Si loogu baaro fadhiyada xogta si aad u dhow ee Gobolka King iMap (iska hubi dhulalka buurta in lagu eego sheekada).
1b	DHULALKA BUURTA WAXAY KA DHACDAY HALKAAN ee waqtii yar ee la soo dhaafay (Wargelinta 2016) iyo (gariirada). Taraaraxyada taariiqiga ah laga yaabo ama laga yaabin inay tilmaanto taraaraxa mustaqbalka dhici karo. Si loo ogaado haddii halisaha weli ka jiraan aaga baahiyada qiimeynata gaarka ah ee uu sameynayo la taliyaha farsamada dhulka. Si loogu baaro fadhiyada xogta si aad u dhow ee Gobolka King iMap (iska hubi dhulalka buurta in lagu eego sheekada).
2a	DHULALKA BUURTA WAXAY KA DHACDAY HALKAAN ee waqtii yar ee la soo dhaafay (Wargelinta 2016) iyo (gariirada). Taraaraxyada taariiqiga ah laga yaabo ama laga yaabin inay tilmaanto taraaraxa mustaqbalka dhici karo. Si loo ogaado haddii halisaha weli ka jiraan aaga baahiyada qiimeynata gaarka ah ee uu sameynayo la taliyaha farsamada dhulka. Si loogu baaro fadhiyada xogta si aad u dhow ee Gobolka King iMap (iska hubi dhulalka buurta in lagu eego sheekada).
2b	DHULALKA BUURTA iyo DHACITAANKA DHAGAXA WAXAY KA DHACDAY HALKAAN ee waqtii yar ee la soo dhaafay (Wargelinta 2016) iyo (gariirada). Taraaraxyada taariiqiga ah laga yaabo ama laga yaabin inay tilmaanto taraaraxa mustaqbalka dhici karo. Si loo ogaado haddii halisaha weli ka jiraan aaga baahiyada qiimeynata gaarka ah ee uu sameynayo la taliyaha farsamada dhulka. Baar fadhiyada xogta si aad u dhow ee Gobolka King iMap (iska hubi dhulalka buurta in lagu eego sheekada).
2c	DHACITAANKA DHAGAXA WAXAY KA DHACDAY HALKAAN ee waqtii yar ee la soo dhaafay (Wargelinta 2016) iyo (gariirada). Taraaraxyada taariiqiga ah laga yaabo ama laga yaabin inay tilmaanto taraaraxa mustaqbalka dhici karo. Si loo ogaado haddii halisaha weli ka jiraan aaga baahiyada qiimeynata gaarka ah ee uu sameynayo la taliyaha farsamada dhulka. Baar fadhiyada xogta si aad u dhow ee Gobolka King iMap (iska hubi dhulalka buurta in lagu eego sheekada).
3a	DHULALKA BUURTA WAXAY KA DHACDAY HALKAAN sida waafaqsan daraasada 1995 ee tararaxyada Caasimafa Seattle (gariirada). Taraaraxyada taariiqiga ah

	<p>laga yaabo ama laga yaabin inay tilmaanto taraaraxa mustaqbalka dhici karo. Si loo ogaado haddii halisaha weli ka jiraan aaga baahiyada qiimeynta gaarka ah ee uu sameynayo la taliyaha farsamada dhulka.</p>
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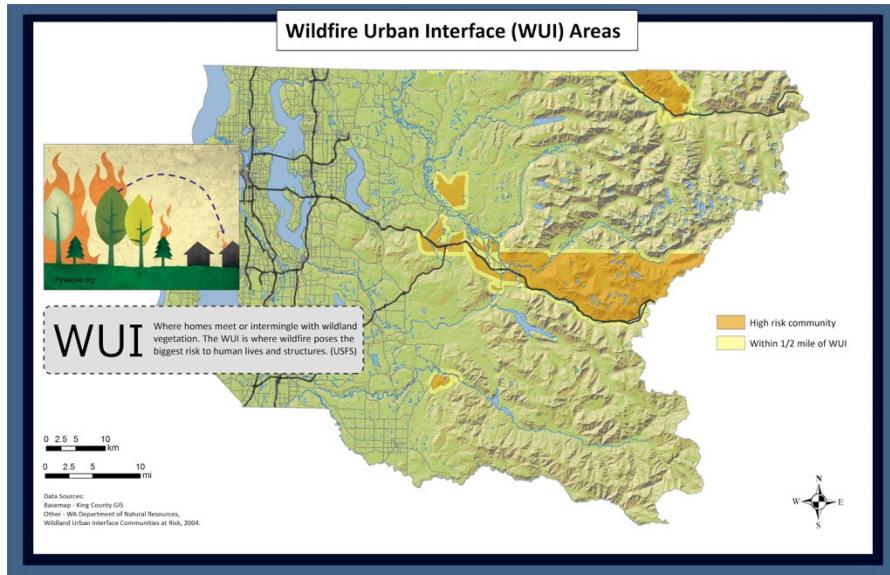
Dabka duurka

Oo noloshaada ah: Bulshooyinka WUI



Extreme	Kani waa bulsho halis aad u sareyso ugu jirto dabka duurka. Waa xaduuda u dhaxeyso aadanaha iyo duurka. Galbeedka Washington waa heer kulul, laakin dabka duurka waxay ku dhuftaan qeybta bariga ee Gobolka King sannad walba. (qariirada)
high	Kani waa bulsho halis sareyso ugu jirto dabka duurka. Waa xaduuda u dhaxeyso aadanaha iyo duurka. Galbeedka Washington waa heer kulul, laakin dabka duurka waxay ku dhuftaan qeybta bariga ee Gobolka King sannad walba. (qariirada)
half mile buffer around WUI	Aagaan looma aqoonsan sida inay leedahay halis sareyso ee dabka duurka, laakin waxay ku taalaa gudaha mayl barkiisa ee bulshada halista sareyso. Xaaladaha wanaagsan dabka duurka wuu faafayaa. (qariirada)
King County outside WUI and Buffer	Aagaan waxay leedahay halis hooseyso aad u hoseyso ee dabka duurka. Haddii aad ku nooshahay meel u dhow aaga alwaaxda ka taxar dabka duurka wuu dhici karaa. (qariirada)
Water	Sida tani ay tahay biyo, ma jiraan filashada dabka duurka ee ka jiray halkaan. (qariirada)

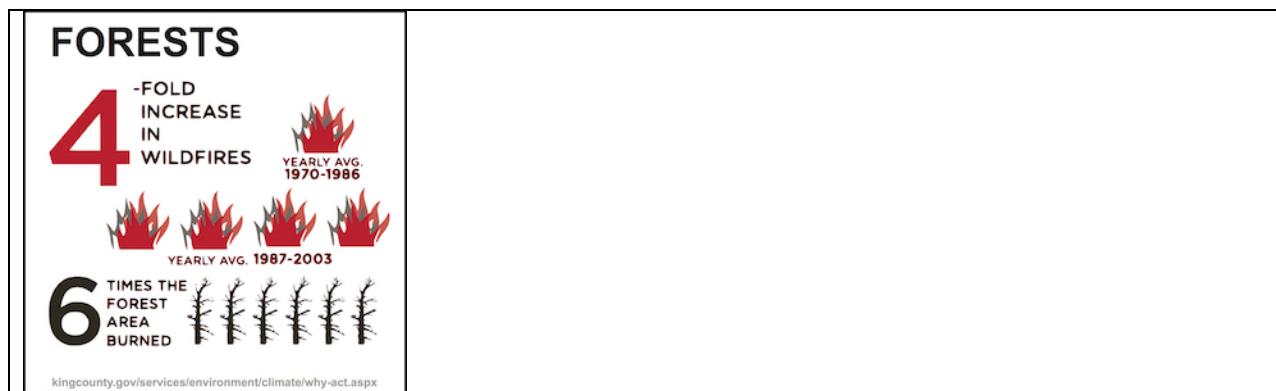
Xaalada ugu xun



extreme	Waxaad kala kulmi kartaa dabka duurka oo weyn halkaan. Waxay noqoneysaa dhaqaaqa dheereeyo, ee la jiro holac weyn oo dhaqso ayuu badeli karaa jahada. Waxay ku qaadan kartaa dab damiyayaasha maalmo ama isbuucyo inay damiyaan. QIIQA ka imaanayo baaxada dabka duurka wuu safri karaa oo waxay xaqiiq u noqon kartaa xittaa haddii waxba aan ku gubaneynin meel kuu dhow. Ka hubi tayada hawadaa deegaankaaga halkaan .
high	Waxaad kala kulmi kartaa dabka duurka oo weyn halkaan. Waxay noqoneysaa dhaqaaqa dheereeyo, ee la jiro holac weyn oo dhaqso ayuu badeli karaa jahada. Waxay ku qaadan kartaa dab damiyayaasha maalmo ama isbuucyo inay damiyaan. QIIQA ka imaanayo baaxada dabka duurka wuu safri karaa oo waxay xaqiiq u noqon kartaa xittaa haddii waxba aan ku gubaneynin meel kuu dhow. Ka hubi tayada hawadaa deegaankaaga halkaan .
half mile buffer around WUI	Waxaad kala kulmi kartaa dabka duurka halkaan. Waxay noqoneysaa dhaqaaqa dheereeyo, ee la jiro holac weyn oo dhaqso ayuu badeli karaa jahada. Waxay ku qaadan kartaa dab damiyayaasha maalmo ama isbuucyo inay damiyaan. QIIQA ka imaanayo baaxada dabka duurka wuu safri karaa oo waxay xaqiiq u noqon kartaa xittaa haddii waxba aan ku gubaneynin meel kuu dhow. Ka hubi tayada hawadaa deegaankaaga halkaan .
King County outside WUI and Buffer	Uma badna, laakin haddii aad ku nooshahay meel u dhow aaga duurka ah waxaad la kulmi kartaa dabka duurka. QIIQA ka imaanayo baaxada dabka duurka wuu safri karaa oo waxay xaqiiq u noqon kartaa xittaa haddii waxba aan ku gubaneynin meel kuu dhow. Ka hubi tayada hawadaa deegaankaaga halkaan .

Saameynada Cimilada

Tirada **dabka duurka ee Badda Wuqooyiga galbeed marhore ayay si weyn u korodhay labaatankii sanno ee la soo dhaafay**. Isbedalkaan wuxuu u dhowyahay inuu ku sii socdo kuleelo qalalan oo duufaan badan (ka fakir daarida dhimbilaha dabkaas). Aagaga weyn ee duurka wuu guban karaa oo qiiq gelin karaa hawada. Riix sawirka lagu ogaanayo wax badan.



Aastaamaha Digniinta

Warning signs	Ma urineysaa ama ma aragtaa qiiq? Miyay balaaratay abalaaratay cimilada qalalan? Waxay noqon kartaa dabka duurka. Si cad uga tala bixi dabka firfircoo iyo haddii aad aragtid mid soo wac 9-1-1 si aad usoo wargelisid.
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U diyaar garowga Dabka Duurka

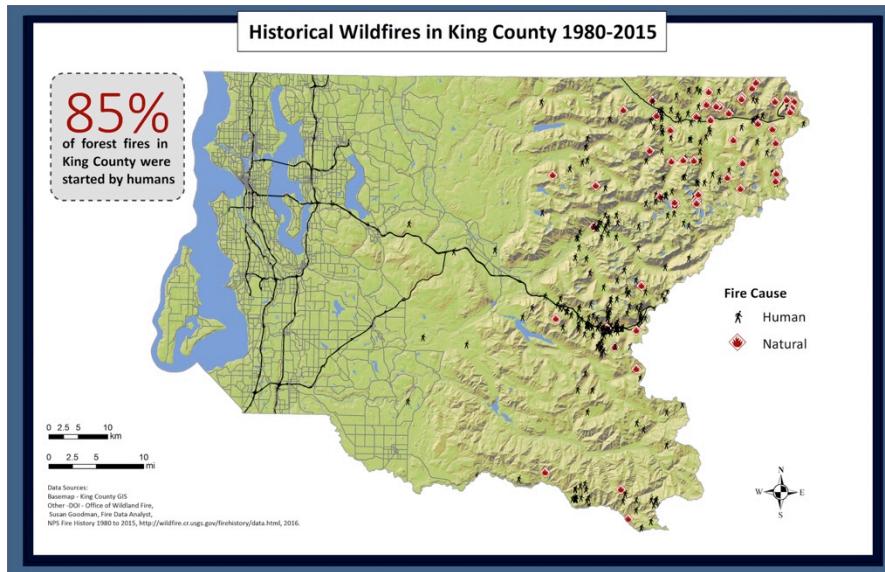
Before	<ol style="list-style-type: none"> BOOS SAMEEY - Ka illaali nololaha iyo hantiyada adiga oo aasaasayo boos dabka qabsado ee agagaarka gurigaaga, harka, iyo ganacsiga. Si aad u ogaatid sida ka fiiri firewise.org. DAAWO CIMILADA - Dhoor maalmood qurax ah waxay ku qalali karaan duurarkeena oo ku filan inay dab qabsadaan. Xaalada dabeyshe waxay ku sababi kartaa dabka duurka in la xakameyn waayo durbadiiba. <p>The diagram shows a house surrounded by landscaping. Key features include: <ul style="list-style-type: none"> Screen decks and vents to prevent spark ignition: A blue deck with a vent is shown at a height of 10 feet above the ground, with a 30-foot clearance from the base of a tree. Prune trees 6-10 feet from the ground depending on tree height: A person is shown pruning a tree at a height of 6-10 feet from the ground. Use fire-resistant exterior wall and roof materials: A grey shingled roof is shown. Maintain plantings to reduce potential fuels: A person is shown working in a garden area. Have a visible address marker: A house number is shown on a post. Trim vegetation 15 feet above your driveway for emergency vehicle access: Vegetation is shown trimmed back from a driveway. The diagram is labeled "Firewise.org" at the bottom left.</p>
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During	<ul style="list-style-type: none"> DIGTOONOW - Ka dhageyso digniinada degdega deegaanka raadiyowga iyo/ama talefishanka oo u diyaargarow inaad ka badbaadid haddii ay muhiim tahay. KA SAAR WAXYAABAHA GUBAN KARO - Ka saar alaabaha agaagrka guriga ee ay ku qabsan karaan dabka (kuraasta cowska ah, miisaska, iwm.). DIYAARGAREE GURIGAAGA - Dhaqaaji ka dabool alaabah guriga daaqadaha. Xir albaabada iyo daaqadaha, laakin ha xirin iyaga.
	<p>Essentials Stay Tuned Evacuation levels Prepare Home</p>

Illaha Deegaanka

Fire Resources	Haddii aad u maleysay in hantidaada ay halis ku jrii karto Gobolka King wuxuu hayaa warbixinta milkiilayaasha dhulka, barnaamijyada dhiirogelinta, iyo aqoon isweedaarsiyada tababarka la martigeliyay . Waxaad ka heli kartaa waxbadan halkaan .
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Taariiqda Hadeer



Fire History	Bariga Gobolka King wuxuu leeyahay dabka yar ee duurka ah sannad walba. Caadi ahaan aadanaha ayaa sababay. Fiiri halka dabka ka dhacay xiliga la soo dhaafay adiga oo riixayo halkaan .
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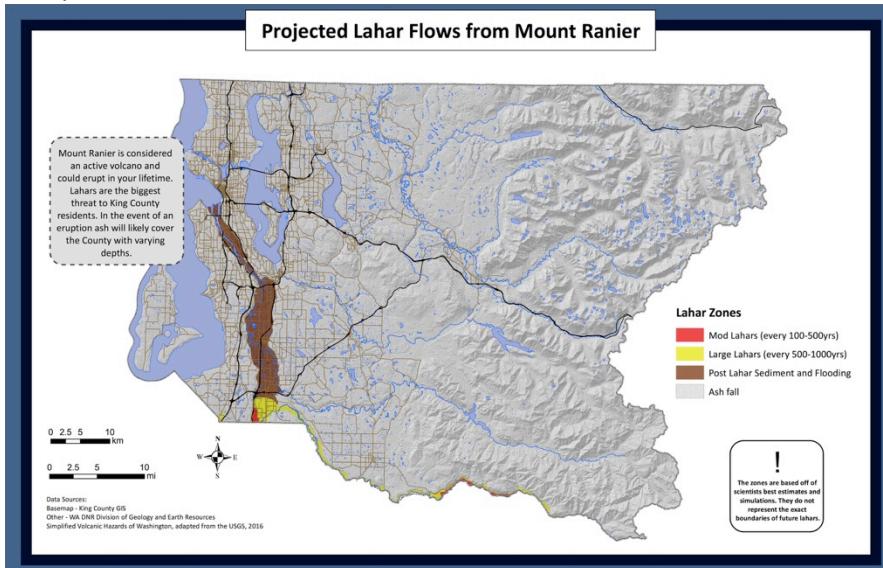
Foolkaanada

Inta badan-Ugu dhow: Ma jirto Qarax

Foolkaanooyinka (qulqulka dhoobada foolkaanada) waa halista ugu weyn ee la xiriirto Buurta Rainier.

Dadka dagan Koonfurta Gobolka King waxay leeyihii 1 ee 10 fursad ee la kulmida foolkaanada ee nololshooda oo dhan. Buurta Rainier waxaa loo tixgeliyaan foolkaano firfircooni, laakin waxay noqon kartaa sannooyin badan illaa ay ka qaraxdo markale.

Xaalada Ugu xun: Qaraxa Rainier



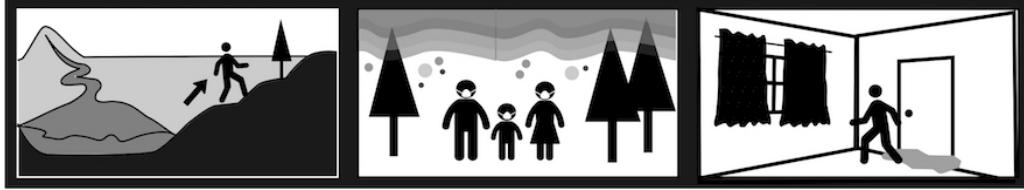
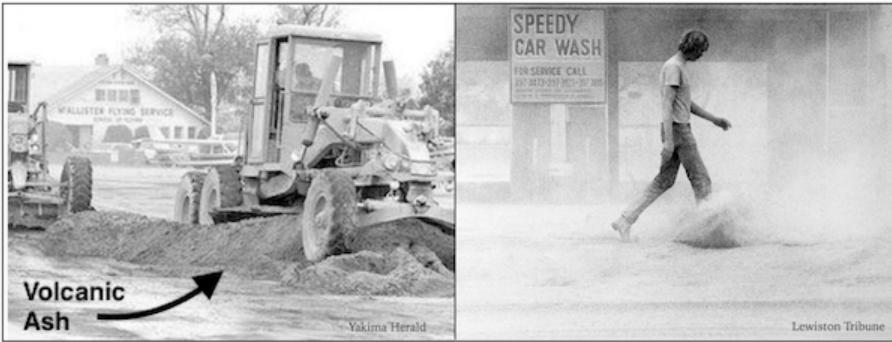
Post-Lahar Sedimentation	Haddii foolkaanada ay kiciso Buurta Rainier, aagaan wuxuu la kulmi karaa fatahaad iyo haraaga sida dhoobada, ciida, dhagaxaanta, iyo haraaga kale ee hoosta wabiga oo foolkaanada ah. Tani waxay ka dhici kartaa sannooyin illaa labaataneeyo sanno foolkaanada kadib. (qariirada)
Case II-Moderate Lahars (Recurrence Interval 100-500 yrs)	A 10% - 40% fursad ka jirtay foolkaanada ee Buurta Rainier oo mareyso illaa gobolkaan oo 50-ka sanno ee xiggo. Dabeecada foolkaanada oo u egtayah dhagax qoyan oo socdo. Dhoobo qaro adag iyo haraa ayaa daboolayo aaga haddii mid dhacdo. Tani waxay si xun u waxyeeleyn kartaa dhismaha oo waxay qaadan kartaa muddo dheer in looga soo kabsado. (qariirada)
Case I-Large Lahars (Recurrence Interval 500-1000 yrs)	A 5% - 10% fursad ka jirtay foolkaanada ee Buurta Rainier oo mareyso illaa aagaan oo 50-ka sanno ee xiggo. Dabeecada foolkaanada oo u egtayah dhagax qoyan oo socdo. Dhoobo qaro adag iyo haraa ayaa daboolayo aaga haddii mid dhacdo. Tani waxay si xun u waxyeeleyn kartaa dhismaha oo waxay qaadan kartaa muddo dheer in looga soo kabsado. (qariirada)
Outside of Lahar Zone, but would see tephra and ash.	Waxaad joogtaa AAGA KA BAXSAN HALISTA FOOLKAANADA. Haddii Buurta Rainier qaraxdo dambas ayaa daboolayo gobolka. Waxay aad ugu ekaaneysaa sida aagaga saameysay qaraxa Buurta Saint Helen ee 1980. Qara weynida dambasta waxay ku kala duwanaaneysaa baaxada qaraxa. (qariirada)

Aastaamaha Digniinta

Warning signs	Foolkaanada caadi ahaan waxay siisaa siinyaalo digniin ah maalmo illaa billo ka hor
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	inta aysan qarxin. Howlaha gaaska iyo dhulgariirka wuu kordhaa iyo saqafka dhulka wuxuu u bararaa sida biyaha dhaxa ku qulqulayo hoosteeda. Illaa aastaamahaan waxay noqon kartaa dhismo bulshada guud ah, Buurta Rainier waxaa si joogta ah u maamulay saynisyananada leh Barnaamijka Halisaha Foolkaanada USGS .
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U diyaargarow Foolkaanada

Before	<p>1. WEYDII - Ogow tallaabooyinka saraakiisha deegaanka qaadeen oo ay ugu diyaar garoobeen dhacdooyinka foolkaanada. Weydii saraakiisha bulshada waxa qorshahooda uu yahay iyo sida ay kugula soo xiriirayaan inta lagu jiro dhacdada. Waxaad ku sameyn kartaa midaan adiga oo la xiriirayo Xafiiska Gobolka King ee Maamulka Degdega.</p> <p>2. QORSHAHADA - La hadal saaxibadaada iyo dariska. Haddii aad joogtid aag halis sareyso, go'aanso halka aad aadi laheyd, waxa aad keeni laheyd, iyo cida aad la xiriiri kartid.</p>
During	<p>Inta lagu jiro qaraxa, dhageyso wararka aqbaaraha degdega iyo raac tilmaamaha gurmadka.</p> <ul style="list-style-type: none"> • AAGA FOOLKAANADA - Hel dhul sareeyo isla markiiba. • BANAANKA - Dabool afkaaga, sankaaga, iyo jirka si aad uga fogaatid xanaaqa. Hel hoy. • GUDAHA - Xir albaabada iyo daloolada guriga oo gudaha ku jir, illaa lagaa tilmaamo haddii kale. Saar shukumaanada xun mareenada albaabka iyo kuleey daaqadaha. Dami matoorada gaariga iyo taraagyada si aad uga fogaatid waxyeelada cariiriga dambasta. Ka illaali xayawaanada iyo mashiinada adiga oo keenayo gudaha ama aaga daboolan.  <p style="text-align: center;">LAHAR ZONE OUTSIDE INSIDE</p>
After	<p>Kadib halista degdega ah ee qaraxa way yaraatay, nadiifinta dhacitaanada dambasta waxay noqoneysaa dhacdada ugu weyn.</p>  <p style="text-align: center;">Yakima Herald Lewiston Tribune</p> <ul style="list-style-type: none"> • Xiro ookiyaale iyo maaskaraha wajiga marka aad banaanka joogtid. Tayada

hawada way liidaneysaa.

- **Ka fogow daarnaashaha matoorka gaariga.** Haddii ay tahay inaad ka xeysid, ku haay xawaaraha hoos (oo ka yar 35 MPH) oo fiiri ooliyada, fiiltarada ooliyada, iyo fiiltarada hawada waa joogto
- Dhacitaanada dambasta way culustahay oo waxay ku sababi kartaa dhismooyinka inay dumaan. Haddii ay badbaado tahay inaad sidaas sameysid, **ka cadey dambasta safaqyada iyo roob celiyayaasha.**

Volcano Resources	<p>Waxaad wax badan ka baran kartaa ee ku saabsan Buurta Rainier iyo halisaha imaan karo illo badan:</p> <ul style="list-style-type: none"> • Kormeerida iyo warbixinta kale - Sahanka Dhulka Mareykanka • Warbixinta Guud ee Gobolka King - Gobolka King • Dhulka halista ah ee Rainier - Adeega Darjiinka Qaranka • Dhul gariirka u dhow Rainier - Badda Wuqooyiga galbeed Shabakada Seismic
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Taariiqda Hadeer

Volcano History	<p>Buurta Rainier waxay leedahay taariiq dheer oo garaxyo ah iyo foolkaano. Qiyaastii 500 sanno ka hor Qulqulka dhoobada Electron ayaa usu keenay buurta hoose ee ku safrayo dhinaca Puyallup iyo sida dheer ee Sumner, WA. Kumanaanka sanno ka hor inta aysan foolkaanadaas badan ku safriin dhinaca wabiyada gaarayo sida ugu dheer ee Auburn. Magaalooyinka qaarkood (NE Tacoma, Orting, iyo Puyallup) waxay dhisantahay haraayada foolkaanada taariqiga ah.</p>
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Cimilada Qaboobaha

Waqtiga noloshaada: cimilada qaboobaha

Qaboobaha Gobolka King oo dhan wuxuu keeni karaa heerkululka qabow hooseeyo, wadooyin baraf ah, iyo duufaanaha weyn ee imaan kara. Dhacitaanka barafka wuxuu dhaca mararka qaarkood, iyo aad u leedahay taagag sare. **Duufaanada qaboobaha waxay keeni karaan dabeyl sareyso ee ku sababo inay geedaha dhacaan oo korontada danto.**

Xaalada Ugu xun: Cimilada Qaboobaha

Dhacdada dhacitaanka baraf la taaban karo wuxuu ku sababi karaa carqalado gaadiidka, adeegyada badbaadada bulshada, iyo korontada. **Korontada waxay maqnaan kartaa maalmo badan.**

Saameynada Cimilada

Badda Wuqooyiga galbeed waxay arkeysaa duufaan aad u daran oo 50-ka sanno ee xigo. Waxay qaadi karaan dabeyl culus, dhacitaanka roobka mahiigaanka ah oo sababayo fatahaada. Howlaha qaboobaha way saameyneysaa. 2015 arag heerarka bacda barafka la qoray ee ugu hooseyso oo leh kaliya 4% oo isku celcelis. Qaboobaha diiran wuxuu dajinaya heerka abaaraha gobolka oo dhan. Riix sawirkalagu ogaanayo wax badan.

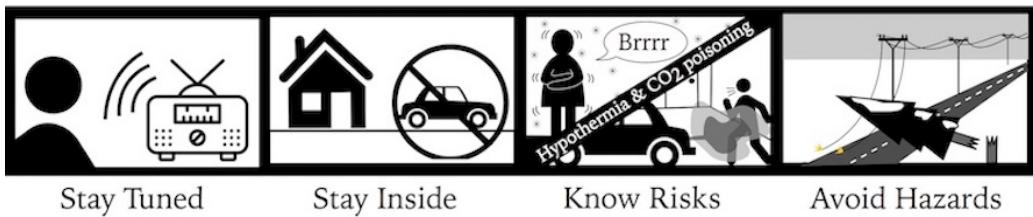


Aastaamaha Digniinta

Saadiyayaasha wuxuu sameeyay guul wanaagsan ee saadaalinta barafka iyo duufaanaha barafka. **Ka taxadar saadaalinta cimilada deegaanka oo iska diiwaangeli digniinta la heli karo iyo nidaamyada digniinta** ([Digniin sii Seattle](#) iyo [Digniin sii Gobolka King](#)) si aad u hubisid inaad heshid warbixinta ugu dambeysos ee ku saabsan cimilada daran ee hartay.

Diyaargarow

Before	<ol style="list-style-type: none"> HEL SAADADKA - Keydso shidaal dheeraad ah iyo saadadka gurmadka si aad ugu badbaadid dhoor maalmood iyada oo aan kroonto jirin, kuleelka, iyo biyaha kulul. Tixgeli inaad iibsatiid ganareetar oo raac heerarka badbaadada. QABOOJI GURIGAAGA - Geli daaqadaha duufaanta. Dahaarsaar darbiyada, dusha sare, iyo tuubooyinka. Saar biya celiyaha iyo goomaha cimilada albaabada iyo daaqadaha. U ogolow tuboooyinka inay waxyar tifqaan inta lagu jiro cimilada qabowga si ay ugu joogteyso tuboooyinka inay barafoobaan. Baro sida loo damiyo faalfayaasha (haddii tuubo ay jabto). QABOOJI GAWAARIDAADA - Ku hayso shidaalka si buuxdo ugu yaraan buux barkiisa. Hubi batariga, qalabka kicinta, hiiarka, nalalka, bareekyada, iyo taayarada. Ku buuxi biya daga ka hortaga barafka, ooliyada, iyo daaqadaha dhaqo biyaha. Ku hay saadadka gurmadka qaboobaha buudkaaga.
During	<ul style="list-style-type: none"> LA SOCO - Ka kormeer aqbaaraha deegaanka talefeshinkaaga, qalabka mobeelka, ama raadiyaha batariga ku shaqeeyo. Raac tilmaamaha degdega oo ka taxadar inaad u safartid tallo bixin. KA FOGOW SAFARKA - Haddii ay tahay inaad gaari kaxeysid, buuxi taangiga shidaalka, haay wadooyinka weyn, oo ogeysii dadka kale faahfaahintaada. Is tartiibi. Haddii aad xayirantid, u yeero caawin, daar nalalka halisaha, oo gaarigaaga joog. Banaanka cagahaaga haku fariisan illaa hoy uu kuu dhowyahay. OGOW HALISAHAAGA - <ul style="list-style-type: none"> Barafowga - Haddii aad ogaatid aastaamaha hel caawinta caafimaadka isla markaasba. Wixii aastaamaha iyo warbixin kale riix halkaan. Sumowga Gubashada Gaaska - Waxay dhacdaa markii shidaalka sida gaaska, ooliyada, bansiinka, alwaaxa, ama dhuxusha ay ku gubato boos xiran. Boqolaal dad ayaa sannad walba si shil ah ugu dhinto. Ka ogow wax badan halkaan. KA FOGOW HALISAHA - Si cad uga tala bixi leemanka korontada soo dhacay, fatahaada, wadooyinka, iyo qaabdhismeddyada kale ee dumiyay barafka culus am barafka.
After	<ul style="list-style-type: none"> Dib u iibso saadadka gurmadka. U diyaargarow haddii duufaan kale ku dhafato.



- **Hormari qorshaha qoyskaaga** - Maxaa shaqeeyay? Maxaa la wanaajin karaa?
- **La hadal dariskaaga.** La wadaag tallooyinka iyo afkaaraha midba midka kale.

Illaha Deegaanka

Baro wax badan oo ku saabsan xaalada qaboobaha iyo sida loo diyaar garoobo:

- [**Ku qaado Qaboobaha Duufaan ahaan**](#)- Tallooyinka diyaargarowga iyo warbixinta la cusbooneysiyy ee Galbeedka Washington
- [**Gobolka King Qaboobaha Metro**](#) - Qadadka app-ka qorsheynta safarada qaboobaha iyo digniinta cimilada
- [**Waaxda Gaadiidka ee Seattle**](#) Fiiri halka baraf ka dhacay iyo warbixinta kale ee xaaladaha wadada

Taariiqda Hadeer

Taxanaha barafka, barafka iyo roobka duufaanta ee bilowga Diseembar 26, 1996, wuxuu sababay 16 dhimasho oo gobolka ah iyo \$57 milyan oo waxyeelo ah ee Gobolka Seattle iyo King. Labo duufaano — hal gubasho 6-12 inji iyo 10 inji ee barafka qoyan — halka ay raacaan roobka culus kaas oo dumay kanbiga, meesha doomanka daboolan, iyo leemanka korontada oo wareegto ah. Adeega la hakiyay ee ku meelgaark aah ee Metro gabii ahanba waqtigii ugu horeysay ee taariiqdeeda. Qabowga iyo dhallaalka barafka waxay ku deeqaan fatahaad iyo dhulalka buurta ah inta lagu jiro isbuuca xiggo. Diyaar ma u tahay haddii duufaan saan oo kale ah ay dhacdo markale?

Cimilada Kuleelaha

Oo noloshaada ah: Cimilada Kuleelaha

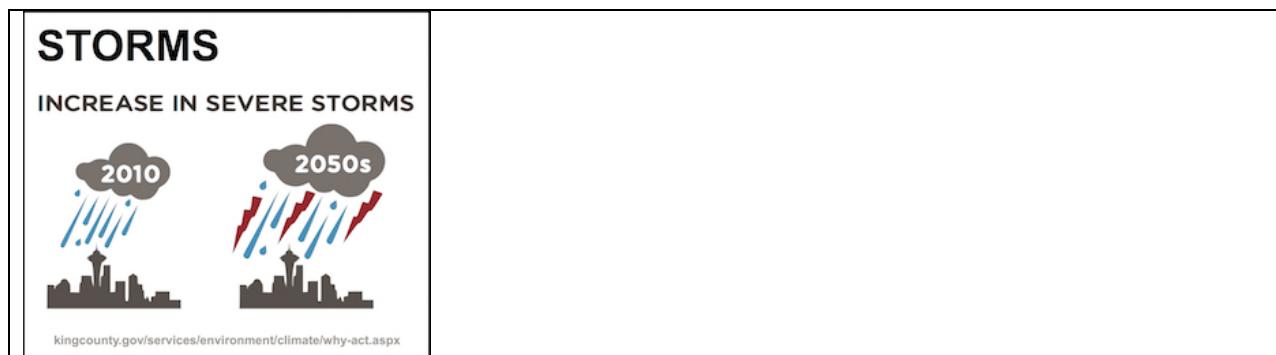
Ha u ogolaan dhacitaanka roobka iyo qaboobaha inay ku harowdasaan, **kuleelaha Gobolka King wuxuu noqon karaa KULEEL. Mararka qaarkood heer kululka wuxuu u kacaa illaa heerka 90s oo maalmo badan ah waqtigiiiba.** Duufaanta hilaaca, duufaanta dabeysa, dabka duurka, iyo hirarka kuleelka waa suurtogal gobolka oo dhan.

Xaalada Ugu xun: Cimilada Kuleelaha

Kuleel daran ayaa socon karo maalmo oo ku sababayo bulshooyinka inay arkaan korodhka kuleelka la xiriilo jirada oo ay ku jiraan DAALKA KULEELKA iyo ISTAROOGA KULEELKA. Heerkululka biriqda, xaaladaha qaleelka, iyo korodhka suurtagInimada biriqda ee dabka duurka.

Saameynada Cimilada

Luuliyo 2015 waxay aheyd bisha ugu kulul ee soo martal **Isku celceliska heerkululka sannadlahaa waxaa lagu saadilay inay kordheyso inta u dhaxeyso heerka 3 iyo 10 ee Heerkululka xiliga 2100.** Dadka dagan Washington waxay arkayaan dhacitaanka roobka kuleelaha, laakin dhacitaanka roobka ee aan ka dhicin wuu cuslaanayaa (ku fakar roob culus). Riix sawirka lagu ogaanayo wax badan.



Aastaamaha Digniinta

Daalka kuleelka iyo istarooga kuleelka waa jiro daran ee dhici karta markii qofka gaaro kuleel daran.

AASTAAMAHAD AALKA KULEELKA:

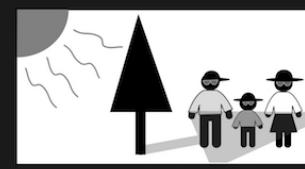
- Dhidid badan
- Tabar daro
- Garaaca wadnaha oo liito
- Suuxdin
- Matag
- Qabow, maqaarka cadaado

AASTAAMAHAD ISTAROOGA KULEELKA:

- Heerkululka jirka sareeyo (103F ama ka sareeyo)
- Maqaar kuleel oo qalalan
- Garaaca wadnaha degdega oo xoogan
- Miiryir beel suurtogal ah

Diyaargarow

Before	<p>Dadka weyn, carruurta yar, iyo dadka qaba jirada maskaxda iyo cudurada raaga way ku badanyihii halisaha arimaha kuleelka la xiriyo.</p> <ol style="list-style-type: none"> 1. OGOW AASTAAMAHAD - Jirada kuleelka la xiriyo dhaqso ayay dhici kartaa. Ogow iyo midkee ka mid ah dariskaaga ayaa halis ku jiri karo. 2. KA WARHAY - Dhageyso aqbaarahaa deagaanka oo warbixinta guud ah iyo goobaha ee xarumaha qaboojinta (boosaska bulshada ee ay u isticmali karaan dadka dagan inay isku qaboojiyaan)
During	<ul style="list-style-type: none"> • QABOOBANOW - Gudaha joog iyo, haddii ay suurtogal tahay, meesha qaboojiyaha (moolalka adeega, maktabadaha, masraxyada, iwm). Xadey howsha banaanka. • ILLAALI MAQAARKAAGA - Xiro dhar qafiif ah, midib qafiif ah leh, oo dabacsan. Koofiyad ku dbaoosha oo balaaran, ookiyaale, iyo kareemka quraxda way ku caawineysaa. • CAB BIYO: Cab biyo badan (ka fogow kafeega, qamriga, iyo cabitaanada sonkorta leh) oo qaado dhalo biyo ah. • KA FAKAR DADKA KALE - Ka fogey carruurta iyo xaywaanada guriga baabuurta kulul. Fiiri qoyska halista ku jiro, saaxibada, iyo dariska inta badan.

			
Stay Cool	Protect Skin	Drink Water	
After	<ul style="list-style-type: none"> Isticmaal daahyada daaqada si aad ugu dabooshid daaqadaha si aad ugu hawada qabow ugu haysid gudaha. Tixgeli iibsashada qalabka qaboojiyaha iyo/ama gelinta goomaha cimilada guriga halka hawada kulul ay ka soo gasho. DOOQA MIISAANIYADA HOOSE: Dhiso muujiyayaasha kuleelka (oo isticmaalka u dhaxeeyo daaqadaha iyo goomaha daaqadaha), sida jaandiga kartoonada la daboolay, si loogu daboolo kartoomada bireed si ay ugu celiso kuleelka banaanka. Riix halkaan oo DIY tilmaaha. 		

Illaha Deegaanka

Wixii warbixin dheeraad ah ee sida qabow loo ahaado iyo badbaadada madaxa [Cimilada Kuleelka ee Gobolka King bogga](#).

Taariiqda Hadeer

2015, Gobolka King wuxuu diiwaaniyay tirada maalmaha ay dhaافتay 90F. **Luuliyo 2015 waxay aheyd bisha ugu kulul ee marnaba lagu qoray Gobolka King!**

Warbixinta Tirikoobka ee Bogga

Qalabka Qeybinta

Qubarayaasha waxay soo jeedinayaan sida xigto:

- 7 Maalmood ee sadadka qofkiiba
- 7 Galoon oo biyo ah qofkiiba
- 21 Cuntooyin qofkiiba

Waxay u dhowdahay inaad haysatid sheeyada ugu badan ee aad ugu baahantahay [sanduuqa saadka goyska](#) diyaar ah. Ogow waxa kale ee lagu darayo oo la diyaarinayo ka hor inta aysan ku dhufan dhacdada labaad.

Qadadka Muhiimka ah

Xafiiska Maamulka Gurmadka Seattle

Websaydka [Seattle OEM](#) wuxuu leeyahay illo wanaagsan oo aad u badan oo ogaanshaha wax badan.

Digniin sii Seattle

Noqo qofka ugu horeeyo ee ogaado waxa aktaada ka dhacayo. Ka ogow wax badan [halkaan](#).

Digniin sii Gobolka King

Hel digniinada waqtiga dhabta ah waxa ka dhacayo Gobolka King. Ka ogow wax badan [halkaan](#).