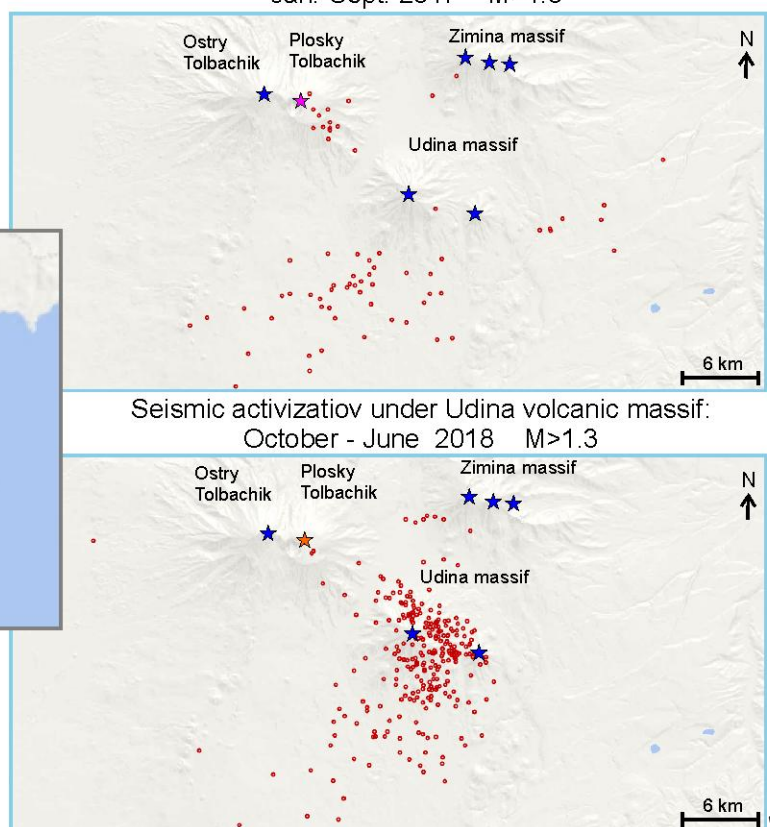


## 11

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A map of Kamchatka, Russia, showing the coastline and surrounding waters. The text 'Kamchatka' is written vertically along the coast. 'Sheikhova Bay' is labeled in the upper left. A small square on the coast indicates the study area, with a black arrow pointing to it from the bottom right.



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 Htcewtg"l qpg."qp"y j lej "y g"Vqndcej knl'cpf "Wf kpc"xqrecpqgu"y gtg"htqto gf O'Cv"y j g"vko g"qh"y j ku"y tklpi ."ugkuo le"cevkxk\ " eqpvpwgu"

Nqpi "Wf kpc"ugkuo le"cevkxkvp"lpf lecvgu" c" fkuwtdcepg"qh"y j g"ucvqpct { "ucvg"qh"y j g"gpvktqpo gpv'wpf gt"y j g" uqwj gcungtp"ugevqt"qh"y j g" Mn\ vej gxunq { "xqrecple"i tqwr ."y j lej "o c { "dg" fvg"vq"y j g"o ci o c"lplgevkp"wpf gt" Wf kpc"o cuukf" k\ "y j ku"ecug."y j g"4234/4235"Vqndcej knl'gtwr vkp"cpf "Wf kpc"cevkxkvp"ctg"l'kpnu"lp"y j g"ugt lgu"qh"gxgpv"cuuqekcvf"y j k\ "y j g" o ci o c"ur tgecf lpi "cnqpi "c'ukpi ng"htcewtg"l qpg"

Ceeqtf lpi "v" "F lghpdcej "gv'crl"422; ."Rj knr uqp"gv'crl"4235+"y j g"ewtgpv"lpetgcug"qh"ugkuo lekv { "uj qwrf "dg" eqpukf gtgf "cu" Wf kpc"xqrecple"vptgu"

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Ej wtknqxc" V0" I qtf g{ej knl' D0" Y 3/4pgt" I 0" Hrgtqx" I 0" J ctvo cpp" I 0" Uko qp" M0' \*4239+" I gqej go lecn' gxqrvkqp" qh" Dqnj c{c" Wf kpc." Ocre{c" Wf kpc." cpf" I qtp{ " \ wd" xqrecpqgu" Mn\ vej gxun {c" I tqwr " \*Mco ej cvne+" lI" *Geophys. Res. Abstr.* " GI W4239/328; 30' j wr u<lo ggvpki qti cpl gtqr gtlewutqi lGI W4239 lGI W4239/328; 30 f h"

Ej wtknqxc" V0" I qtf g{ej knl' D0" Y 3/4pgt" I 0" Hrgtqx" I 0' \*423: +" Ego rqukkapcn' xctkcvkpu"" lp"rcxcu"qh"y j g" Mn\ vej gxun {c"i tqwr " \*Mco ej cvne+<"gxkf gpeg"ht"ej cpi lpi "uqwtg"eqo rqukkapcu"lp" c" j ki j n\ " r tqf wevkg" uwdcte" o cpvg" y gf i gA" lI" IMCUR/423: 0' Cduvcevu0' j wr <ly y y Onepgv0wllxuleqphgtgpegullnour 423: lrfhlEj wtknqxcVI a86/7; 0 f h"

F lghpdcej "C0'I wllcpvkO 0'Gy gtvl0\*422; +Ej tqpqni { "cpf "tghgtgpegu"qh"xqrecple"gtwr vkpu"cpf "ugrgevgf"vptguv'lp"y j g" Wpksf "Ucvgu."3; : 26422: 0Qr gp/HrgTgr qtv422; 6333: 0WU0I gqni lecn'Uwtxg{0": 7'r 0'

Ocmuko qx"C(R0\*3; 98+I gqej go lecn'r gewlctklgu"qh"y j g"qh"y j g"Wf kpunc {c"i tqwr "lI'F ggr "utwewtg."ugkuo lekv { " cpf" tgugpv' cevkxk\ " qh" y j g" Mn\ vej gxun {c" xqecple" i tqwr 0' l' Gf 0' DOK0' Kcpqx." UWO' Dcnguc0' Xrcf kxquvqn0'R099/: 60'

Rj knr uqp"l 0"Uqdtcf grq"TO'I qwu cpp"lOI mqdn'xqrecple"vptguv'lp"y j g"43uv'egpwt { <"Cp"cpn\ uku"qh"y j g"htuv'f gecf g"lI" *Journal of Volcanology and Geothermal Research*042350X04860R03: 563; 80'

Ucn\ nqx"X0C0\*4233+"C"Ucvkulecn'Guko cvg"qh"Ugkuo lekv { "Ngxgn"Vj g"O gyj qf "cpf "Tguwnu"qh"Cr r rlecvkp"vq" Mco ej cvne"lI"*Journal of Volcanology and Seismology*0X070' "40R0345/34: 0'

Ucn\ nqx."X(C0"Xqtqr cgx."R(K0"Mwi cgpnq."[ (C0"Ej gdtqx."F (K0\*423: +"Wf kpc"ugkuo le"cevkxk\ cvkqp"4239/ 423: " lI" *Bulletin of KRAUESC. Earth sciences*0' "30' K0' 590' R0' 7/90' \*k\ " Twuukcp+0' j wr <ly y y Onepgv0wllqwtpcnlntcguelctvengklgy l3: 4434"

Vko gtdegcx."MOO 0' \*3; 89+"Rgtqrni { "qh" Mn\ vej gxunlg"xqrecpqgu"lp" Mco ej cvne0'O Q'P cwne0' 42; "r 0' \*k\ " Twuukcp+0'

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