

火山観測 Summary of Observations on Volcanoes

常時観測 平成21年(2009年)7月

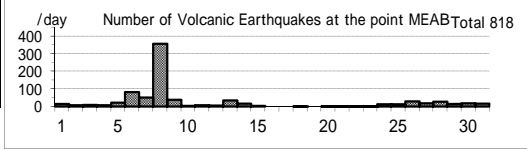
Constant Observation in July,2009

(1) 雌阿寒岳

震動観測(Seismic Observation)	月計 total	最大(起日) max (date)
Observation Point: MEAB		
火山性地震回数(Number of volcanic earthquakes)	818	357 (8)
火山性微動回数(Number of volcanic tremors)	0	0
微動継続時間(Duration of volcanic tremors) (min.)	-	-

Note: MEAB (N43 22.8' E143 58.7' H680m)

Meakandake: July,2009

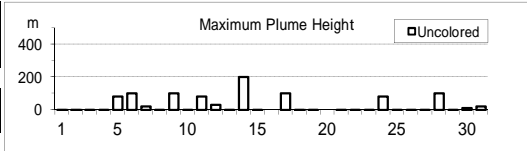


遠望観測(Visual Observation)	最大(起日) max (date)
噴煙量(Quantity of plumes) (JMA's scale)	1 (abbr.)
噴煙の高さ(Height of plumes) (m)	200 (14)
噴煙の色(Color of plumes)	W
他の火山現象(Other volcanic phenomena)	-

Note: Plumes were from the Ponmachineshiri Summit Crater(LocationT), the Nakamachineshiri Crater(U), the Akanuma Crater(M) and/or Ponmachineshiri NW Fumaroles(N).

Note: Uncolored:Plume color was White(W).

Colored:Plume color was Light white(LW), Grayish white(GW), Gray(G) and other.

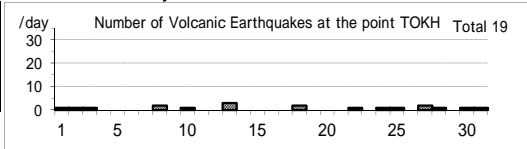


(2) 十勝岳

震動観測(Seismic Observation)	月計 total	最大(起日) max (date)
Observation Point: TOKH		
火山性地震回数(Number of volcanic earthquakes)	19	3 (13)
火山性微動回数(Number of volcanic tremors)	1	1 (3)
微動継続時間(Duration of volcanic tremors) (min.)	1	1 (3)

Note: TOKH (N43 26.0' E142 40.2' H1,355m)

Tokachidake: July,2009



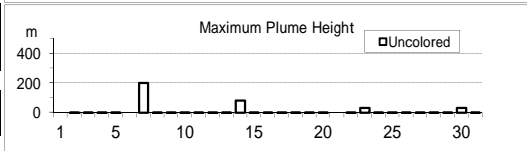
遠望観測(Visual Observation)	最大(起日) max (date)
噴煙量(Quantity of plumes) (JMA's scale)	1 (abbr.)
噴煙の高さ(Height of plumes) (m)	200 (7)
噴煙の色(Color of plumes)	W
他の火山現象(Other volcanic phenomena)	-

Note: Plumes were from the Taisho Crater(Location X),

the 62 crater Area(P,Q,Y),the Furikozawa Fumaroles (F) and/or the Kyufun Crater (Z).

Note: Uncolored:Plume color was White(W).

Colored:Plume color was Light white(LW), Grayish white(GW), Gray(G) and other.

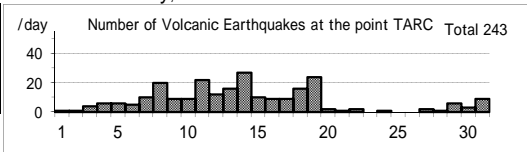


(3) 樽前山

震動観測(Seismic Observation)	月計 total	最大(起日) max (date)
Observation Point: TARC		
火山性地震回数(Number of volcanic earthquakes)	243	27 (14)
火山性微動回数(Number of volcanic tremors)	1	1 (2)
微動継続時間(Duration of volcanic tremors) (min.)	1	1 (2)

Note: TARC (N42 42.2' E141 22.6' H638m)

Tarumaesan: July,2009



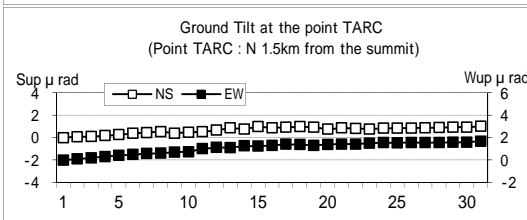
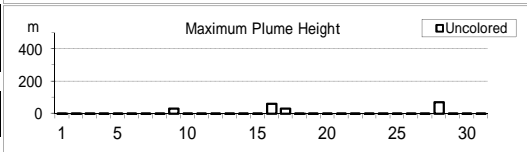
遠望観測(Visual Observation)	最大(起日) max (date)
噴煙量(Quantity of plumes) (JMA's scale)	1 (abbr.)
噴煙の高さ(Height of plumes) (m)	70 (28)
噴煙の色(Color of plumes)	W
他の火山現象(Other volcanic phenomena)	-

Note: Plumes were from the Summit Area(Location A, B and/or E).

Note: Uncolored:Plume color was White(W).

Colored:Plume color was Light white(LW),

Grayish white(GW), Gray(G) and other.



(4)有珠山

震動観測(Seismic Observation)

Observation Point: USUA	月計 total	最大(起日) max (date)
火山性地震回数(Number of volcanic earthquakes)	18	2 (1,10,22)
火山性微動回数(Number of volcanic tremors)	0	0
微動継続時間(Duration of volcanic tremors) (min.)	-	-

Note: USUA (N42°31.7' E140°50.2' H246m)

遠望観測(Visual Observation)

	最大(起日) max (date)
噴煙量(Quantity of plumes) (JMA's scale)	1 (abbr.)
噴煙の高さ(Height of plumes) (m)	100 (2)

噴煙の色(Color of plumes)	W
他の火山現象(Other volcanic phenomena)	-

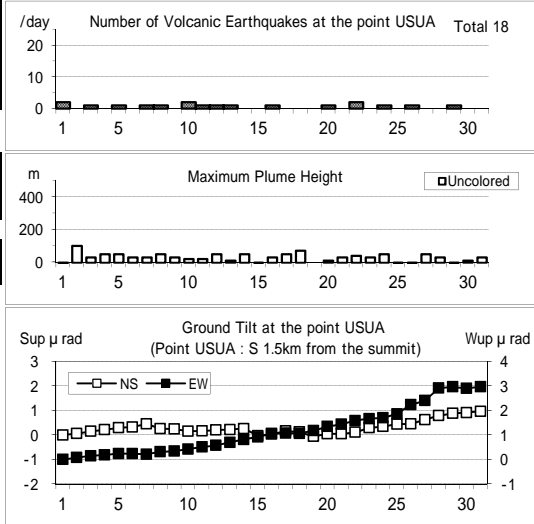
Note: Plumes were from the Summit Area of Usuzan(Location P) , Mt.showa-shinazan(Z), Nishi-yama vent group(N) and Konpira-yama vent group(K).

Note: Uncolored:Plume color was White(W).

Colored:Plume color was Light white(LW),

Grayish white(GW), Gray(G) and other.

Usuzan: July,2009



(5)北海道駒ヶ岳

震動観測(Seismic Observation)

Observation Point: KOMA	月計 total	最大(起日) max (date)
火山性地震回数(Number of volcanic earthquakes)	0	0
火山性微動回数(Number of volcanic tremors)	0	0
微動継続時間(Duration of volcanic tremors) (min.)	-	-

Note: KOMA (N42°03.2' E140°38.3' H265m)

遠望観測(Visual Observation)

	最大(起日) max (date)
噴煙量(Quantity of plumes) (JMA's scale)	-
噴煙の高さ(Height of plumes) (m)	-

噴煙の色(Color of plumes)	-
他の火山現象(Other volcanic phenomena)	-

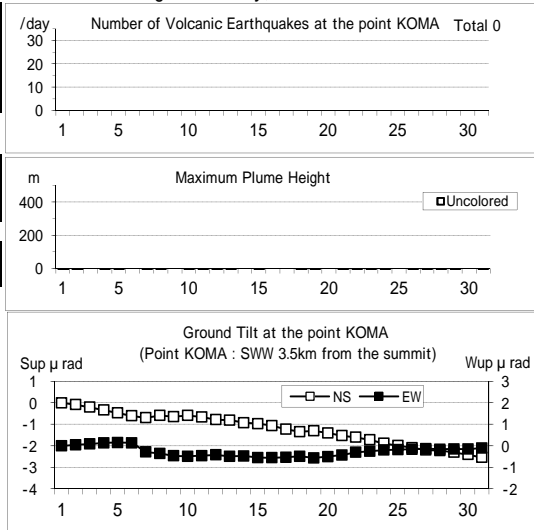
Note: Plumes were from the Showa-4 Crater(Location D1) and/or the 96 South Crater(D2).

Note: Uncolored:Plume color was White(W).

Colored:Plume color was Light white(LW), Grayish white(GW),

Gray(G) and other.

Hokkaido-Komagatake: July,2009



(6)吾妻山

震動観測(Seismic Observation)

Observation Point: AZUA	月計 total	最大(起日) max (date)
火山性地震回数(Number of volcanic earthquakes)	31	10 (2)
火山性微動回数(Number of volcanic tremors)	0	0
微動継続時間(Duration of volcanic tremors) (min.)	-	-

Note: AZUA (N37°43.3' E140°16.5' H1,295m)

遠望観測(Visual Observation)

	最大(起日) max (date)
噴煙量(Quantity of plumes) (JMA's scale)	1 (abbr.)
噴煙の高さ(Height of plumes) (m)	100 (1)

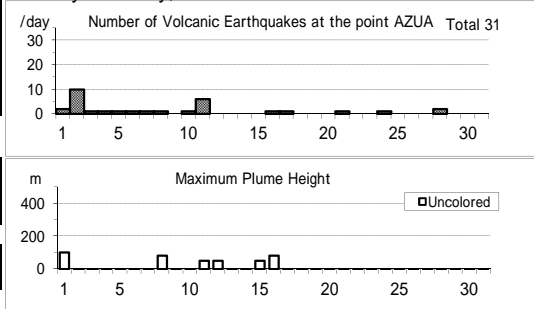
噴煙の色(Color of plumes)	W
他の火山現象(Other volcanic phenomena)	-

Note: Plumes were from the Oana Crater

Note: Uncolored:Plume color was White(W).

Colored:Plume color was Light white(LW), Grayish white(GW), Gray(G) and other.

Azumayama: July,2009



(7)安達太良山

震動観測(Seismic Observation)

	月計 total	最大(起日) max (date)
火山性地震回数(Number of volcanic earthquakes)	4	3 (3)
火山性微動回数(Number of volcanic tremors)	0	0
微動継続時間(Duration of volcanic tremors) (min.)	-	-

Note: ADTB(N37 ° 38.1 E140 ° 18.2 H1,320m)

遠望観測(Visual Observation)

	最大(起日) max (date)
噴煙量(Quantity of plumes) (JMA's scale)	-
噴煙の高さ(Height of plumes) (m)	-

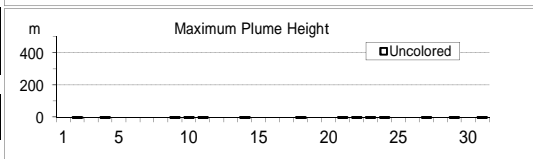
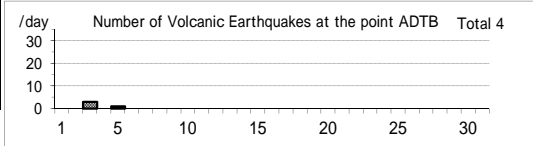
噴煙の色(Color of plumes)	-
他の火山現象(Other volcanic phenomena)	-

Note: Plumes were from the Numanodaira - SW area.

Note: Uncolored:Plume color was White(W).

Colored:Plume color was Light white(LW), Grayish white(GW), Gray(G) and other.

Adatarayama: July,2009



(8)磐梯山

震動観測(Seismic Observation)

	月計 total	最大(起日) max (date)
火山性地震回数(Number of volcanic earthquakes)	17	9 (15)
火山性微動回数(Number of volcanic tremors)	0	0
微動継続時間(Duration of volcanic tremors) (min.)	-	-

Note: BNDA(N37 ° 35.0 E140 ° 04.8 H1000m)

遠望観測(Visual Observation)

	最大(起日) max (date)
噴煙量(Quantity of plumes) (JMA's scale)	-
噴煙の高さ(Height of plumes) (m)	-

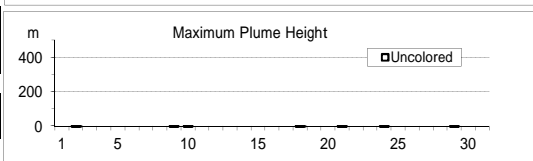
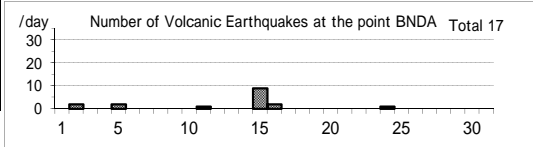
噴煙の色(Color of plumes)	-
他の火山現象(Other volcanic phenomena)	-

Note: Plumes were from the Fumarolic area in Crater wall.

Note: Uncolored:Plume color was White(W).

Colored:Plume color was Light white(LW), Grayish white(GW), Gray(G) and other.

Bandaisan: July,2009



(9)那須岳

震動観測(Seismic Observation)

	月計 total	最大(起日) max (date)
火山性地震回数(Number of volcanic earthquakes)	13	2 (6,31)
火山性微動回数(Number of volcanic tremors)	0	0
微動継続時間(Duration of volcanic tremors) (min.)	-	-

Note: NSUA (N37 06.2' E139 59.6' H1,083m)

遠望観測(Visual Observation)

	最大(起日) max (date)
噴煙量(Quantity of plumes) (JMA's scale)	1 (abbr.)
噴煙の高さ(Height of plumes) (m)	100 (10)

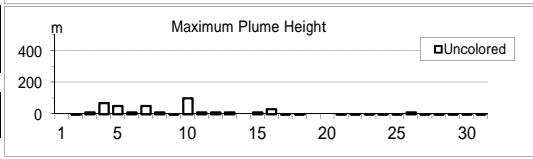
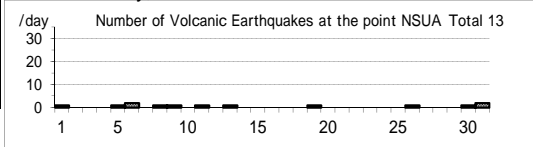
噴煙の色(Color of plumes)	W
他の火山現象(Other volcanic phenomena)	-

Note: Plumes were from the west flank of Mt. Nasudake.

Note: Uncolored:Plume color was White(W).

Colored:Plume color was Light white(LW), Grayish white(GW), Gray(G) and other.

Nasudake: July,2009



(10)草津白根山

震動観測(Seismic Observation)

	月計 total	最大(起日) max (date)
火山性地震回数(Number of volcanic earthquakes)	36	5 (11)
火山性微動回数(Number of volcanic tremors)	0	0
微動継続時間(Duration of volcanic tremors) (min.)	-	-

Note: KSHA (N36 38.9' E138 32.7' H1,933m)

遠望観測(Visual Observation)

	最大(起日) max (date)
噴煙量(Quantity of plumes) (JMA's scale)	-
噴煙の高さ(Height of plumes) (m)	-

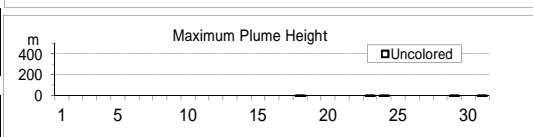
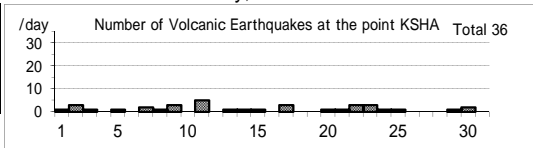
噴煙の色(Color of plumes)	-
他の火山現象(Other volcanic phenomena)	-

Note: Plumes were from the Yugama Crater and Fumaroles at northern side of Yugama Crater

Note: Uncolored:Plume color was White(W).

Colored:Plume color was Light white(LW), Grayish white(GW), Gray(G) and other.

Kusatsu-Shiranesan: July,2009



(11)浅間山

震動観測(Seismic Observation) Observation Point: ASMB	月計 total	最大(起日) max (date)
火山性地震回数(Number of volcanic earthquakes)	2309	115 (23)
火山性微動回数(Number of volcanic tremors)	14	3 (4)
微動継続時間(Duration of volcanic tremors) (min.)	13	2 (4)

Note: ASMB (N36 23.4' E138 31.1' H1,864m)

遠望観測(Visual Observation)	最大(起日) max (date)
噴煙量(Quantity of plumes) (JMA's scale)	2 (9,30)
噴煙の高さ(Height of plumes) (m)	300 (30)

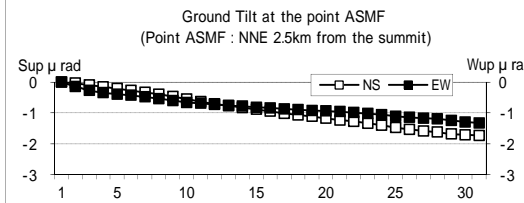
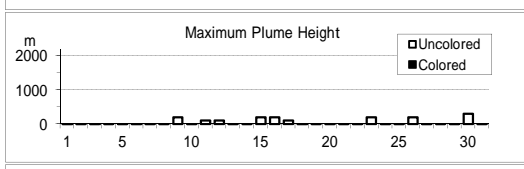
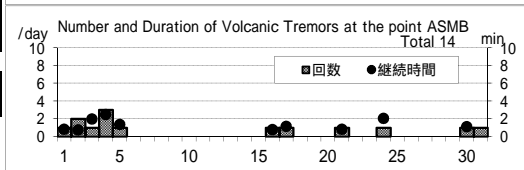
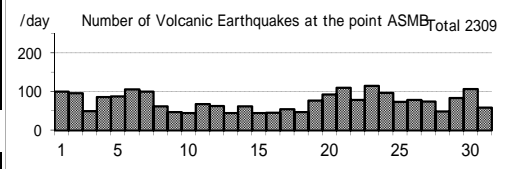
噴煙の色(Color of plumes)	W
他の火山現象(Other volcanic phenomena)	-

Note: Plumes were from the Kamayama Crater(Location A).

Note: Uncolored:Plume color was White(W).

Colored:Plume color was Light white(LW), Grayish white(GW), Gray(G) and other.

Asamayama: July,2009



(12)御嶽山

震動観測(Seismic Observation) Observation Point: ONTA	月計 total	最大(起日) max (date)
火山性地震回数(Number of volcanic earthquakes)	5	3 (23)
火山性微動回数(Number of volcanic tremors)	0	0
微動継続時間(Duration of volcanic tremors) (min.)	-	-

Note: ONTA (N35 52.6' E137 29.7' H2,228m)

遠望観測(Visual Observation)	最大(起日) max (date)
噴煙量(Quantity of plumes) (JMA's scale)	1 (abbr.)
噴煙の高さ(Height of plumes) (m)	100 (30,31)

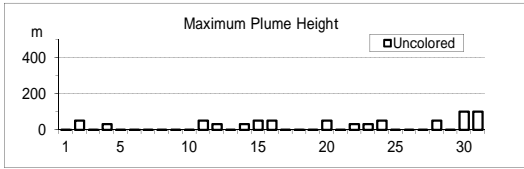
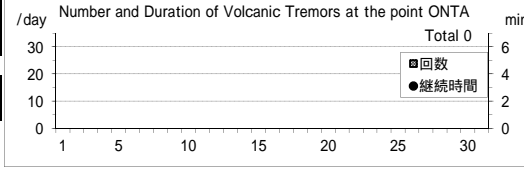
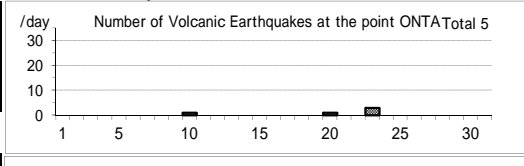
噴煙の色(Color of plumes)	W
他の火山現象(Other volcanic phenomena)	-

Note: Plumes were from the Otaki summit Crater (A) and/or S6

Note: Uncolored:Plume color was White(W).

Colored:Plume color was Light white(LW), Grayish white(GW), Gray(G) and other.

Ontakesan: July,2009



(13)伊豆東部火山群

震動観測(Seismic Observation) Observation Point: ITBA,Kamata2	月計 total	最大(起日) max (date)
火山性地震回数(Number of volcanic earthquakes)	9	2 (5)
火山性微動回数(Number of volcanic tremors)	0	0
微動継続時間(Duration of volcanic tremors) (min.)	-	-

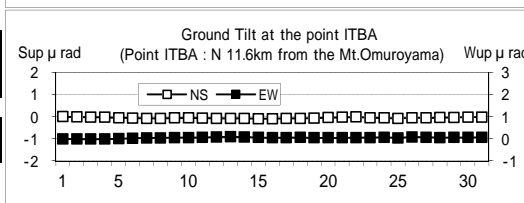
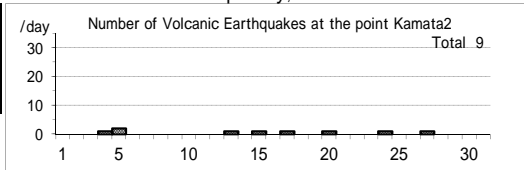
Note: ITBA (N35 00.5' E139 05.9' H12m)

Kamata2(N34 55.71' E139 03.65' H175m)

遠望観測(Visual Observation)	最大(起日) max (date)
噴煙量(Quantity of plumes) (JMA's scale)	-
噴煙の高さ(Height of plumes) (m)	-

噴煙の色(Color of plumes)	-
他の火山現象(Other volcanic phenomena)	-

Izu-Tobu Volcano Group: July,2009



(14)伊豆大島

震動観測(Seismic Observation)

	月計 total	最大(起日) max (date)
火山性地震回数(Number of volcanic earthquakes)	52	7 (28)
火山性微動回数(Number of volcanic tremors)	0	0
微動継続時間(Duration of volcanic tremors) (min.)	-	-

Note: OSMA (N34 44.2' E139 23.2' H553m)

遠望観測(Visual Observation)

	最大(起日) max (date)
噴煙量(Quantity of plumes) (JMA's scale)	1 (abbr.)
噴煙の高さ(Height of plumes) (m)	30 (abbr.)

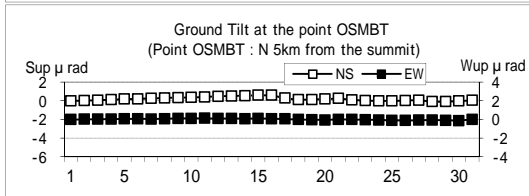
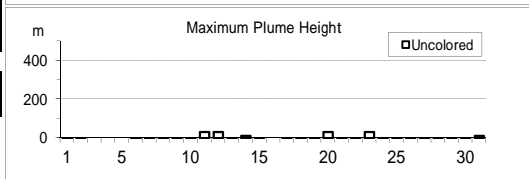
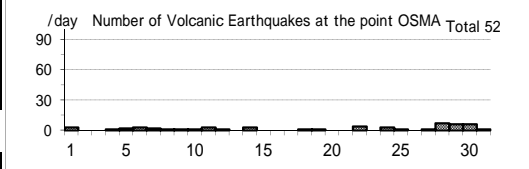
噴煙の色(Color of plumes)	W
他の火山現象(Other volcanic phenomena)	-

Note: Plumes were from the Miharayama Summit Crater(Location A), the Fumaroles at western side of Miharashinzan(A1), the Fumaroles near Kengamine(A2), the Fumaroles at eastern side of Miharashinzan(A3)

Note: Uncolored:Plume color was White(W).

Colored:Plume color was Light white(LW), Grayish white(GW), Gray(G) and other.

Izu-Oshima: July,2009



(15)三宅島

震動観測(Seismic Observation)

	月計 total	最大(起日) max (date)
火山性地震回数(Number of volcanic earthquakes)	6803	307 (16)
火山性微動回数(Number of volcanic tremors)	0	0
微動継続時間(Duration of volcanic tremors) (min.)	-	-

Note: MKJA (N34 05.9' E139 32.0' H527m)

遠望観測(Visual Observation)

	最大(起日) max (date)
噴煙量(Quantity of plumes) (JMA's scale)	2 (4,5,30)
噴煙の高さ(Height of plumes) (m)	300 (4,5,30)

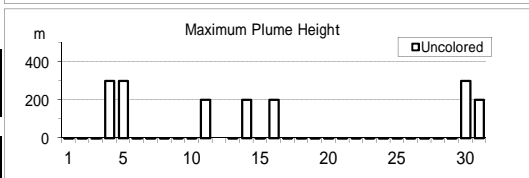
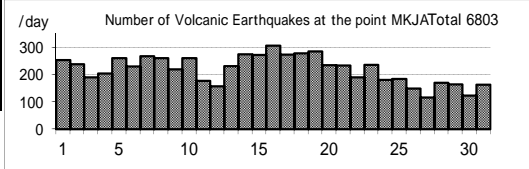
噴煙の色(Color of plumes)	W
他の火山現象(Other volcanic phenomena)	-

Note: Plumes were from the Summit Crater.

Note: Uncolored:Plume color was White(W).

Colored:Plume color was Light white(LW), Grayish white(GW), Gray(G) and other.

Miyakejima: July,2009



(16)九重山

震動観測(Seismic Observation)

	月計 total	最大(起日) max (date)
火山性地震回数(Number of volcanic earthquakes)	7	2 (14)
火山性微動回数(Number of volcanic tremors)	0	0
微動継続時間(Duration of volcanic tremors) (min.)	-	-

Note: KJUA (N33°06.2' E131°13.7' H1,280m)

遠望観測(Visual Observation)

	最大(起日) max (date)
噴煙量(Quantity of plumes) (JMA's scale)	1 (abbr.)
噴煙の高さ(Height of plumes) (m)	300 (6)

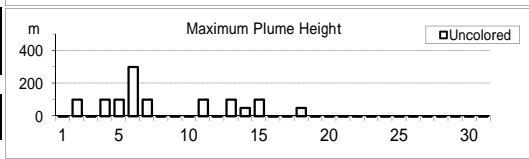
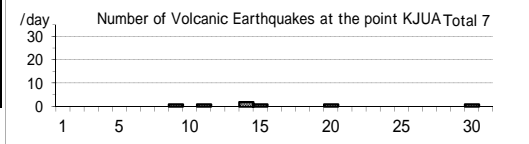
噴煙の色(Color of plumes)	W
他の火山現象(Other volcanic phenomena)	-

Note: Plumes were from the east and/or north-east flank of Mt. Hossho (Location A,B,C or D).

Note: Uncolored:Plume color was White(W).

Colored:Plume color was Light white(LW), Grayish white(GW), Gray(G) and other.

Kujusan: July,2009



(17)阿蘇山

震動観測(Seismic Observation)

	月計 total	最大(起日) max (date)
火山性地震回数(Number of volcanic earthquakes)	64	10 (12)
孤立型火山性微動回数 (Number of isolated volcanic tremors)	4316	162 (23)

Note: ASOA (N32°53.1' E131°04.7' H1,163m)

遠望観測(Visual Observation)

	最大(起日) max (date)
噴煙量(Quantity of plumes) (JMA's scale)	2 (31)
噴煙の高さ(Height of plumes) (m)	700 (31)

噴煙の色(Color of plumes)	W
他の火山現象(Other volcanic phenomena)	-

Note: Plumes were from the Crater No.1 of Mt. Nakadake.

Note: Uncolored:Plume color was White(W).

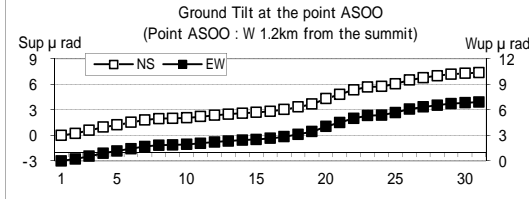
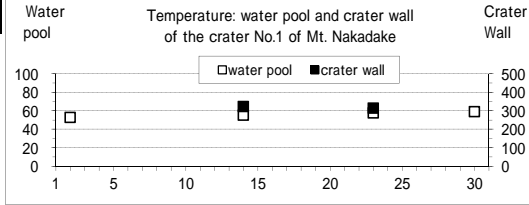
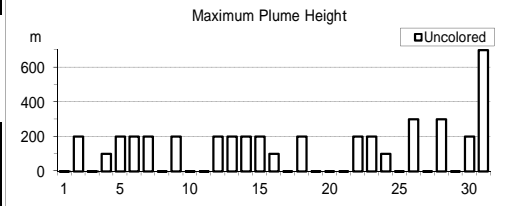
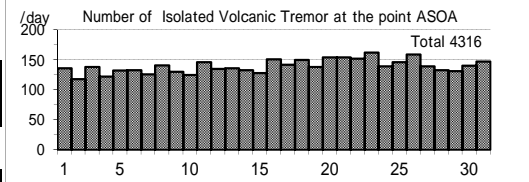
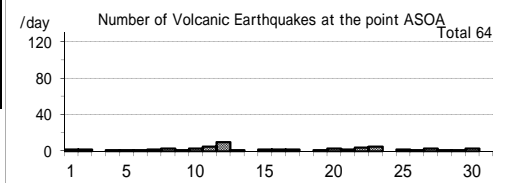
Colored:Plume color was Light white(LW), Grayish white(GW), Gray(G) and other.

現地観測(Field Observation)

	最高(起日) max (date)	最低(起日) min (date)
火口内の湯だまりの表面温度 (Surface temperature on the water pool in the crater) ()	59 (30)	53 (2)
火口壁の表面温度 (Surface temperature on the crater wall) ()	322 (14)	314 (23)

Observation Point:the Crater No.1 of Mt. Nakadake

Asosan: July,2009



(18)雲仙岳

震動観測(Seismic Observation)

Observation Point: UNZA	月計 total	最大(起日) max (date)
火山性地震回数(Number of volcanic earthquakes)	0	0
火山性微動回数(Number of volcanic tremors)	0	0
微動継続時間(Duration of volcanic tremors) (min)	-	-

Note: UNZA (N32°44.1' E130°16.1' H769m)

遠望観測(Visual Observation)

	最大(起日) max (date)
噴煙量(Quantity of plumes) (JMA's scale)	-
噴煙の高さ(Height of plumes) (m)	-

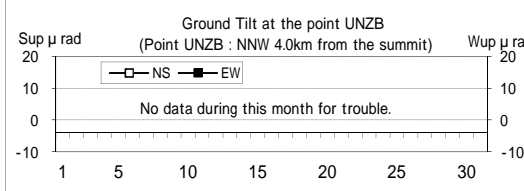
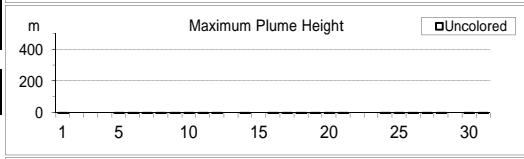
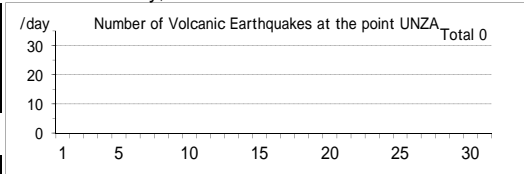
噴煙の色(Color of plumes)	-
他の火山現象(Other volcanic phenomena)	-

Note: Plumes were from the 10th Lava Dome(Location A10) and/or the 11th Lava Dome(A11).

Note: Uncolored:Plume color was White(W).

Colored:Plume color was Light white(LW), Grayish white(GW), Gray(G) and other.

Unzendake: July,2009



(19)霧島山

新燃岳 (Shinmoedake)

震動観測(Seismic Observation)

Observation Point: KIRA	月計 total	最大(起日) max (date)
火山性地震回数(Number of volcanic earthquakes)	8	2 (13)
火山性微動回数(Number of volcanic tremors)	0	0
微動継続時間(Duration of volcanic tremors) (min)	-	-

Note: KIRA (N31°54.0' E130°52.3' H1,035m)

遠望観測(Visual Observation)

	最大(起日) max (date)
噴煙量(Quantity of plumes) (JMA's scale)	1 (abbr.)
噴煙の高さ(Height of plumes) (m)	200 (31)

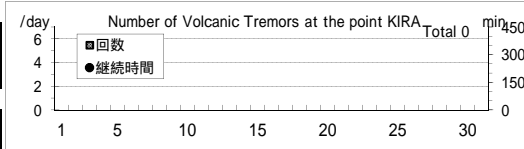
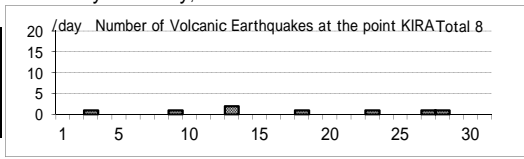
噴煙の色(Color of plumes)	W
他の火山現象(Other volcanic phenomena)	-

Note: Plumes were from the Shinmoedake Crater

Note: Uncolored:Plume color was White(W).

Colored:Plume color was Light white(LW), Grayish white(GW), Gray(G) and other.

Kirishimayama: July,2009



御鉢(Ohachi)

震動観測(Seismic Observation)

Observation Point: KTCM	月計 total	最大(起日) max (date)
火山性地震回数(Number of volcanic earthquakes)	0	0
火山性微動回数(Number of volcanic tremors)	0	0
微動継続時間(Duration of volcanic tremors) (min)	-	-

Note: KTCM (N31°53.2' E130°55.2' H1,549m)

遠望観測(Visual Observation)

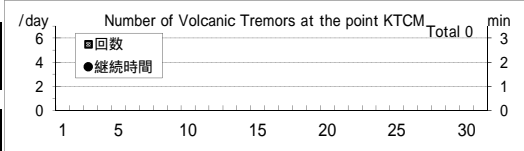
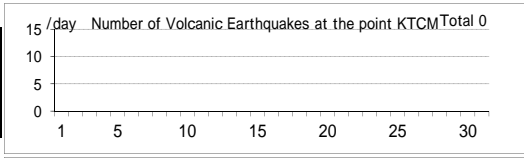
	最大(起日) max (date)
噴煙量(Quantity of plumes) (JMA's scale)	-
噴煙の高さ(Height of plumes) (m)	-

噴煙の色(Color of plumes)	-
他の火山現象(Other volcanic phenomena)	-

Note: Plumes were from the Ohachi Crater

Note: Uncolored:Plume color was White(W).

Colored:Plume color was Light white(LW), Grayish white(GW), Gray(G) and other.



(20)桜島

震動観測(Seismic Observation)

Observation Point: SKRB	月計 total	最大(起日) max (date)
火山性地震回数(Number of volcanic earthquakes)	454	25 (4)
火山性微動回数(Number of volcanic tremors)	953	112 (16)
微動継続時間(Duration of volcanic tremors) (min)	3973	654 (16)

Note: SKRB (N31°35.6' E130°38.4' H455m)

遠望観測(Visual Observation)

	月計 total	最大(起日) max (date)
爆発回数(Number of explosive eruptions)	55	5 (20)
降灰量(Amount of ash fall) (g/m ²)	3	3 (4)

A,B火口 (A,B crater)	最大(起日) max (date)
噴煙量(Quantity of plumes) (JMA's scale)	3 (2,6)
噴煙の高さ(Height of plumes) (m)	1000 (2,6)

昭和火口 (Showa crater)	最大(起日) max (date)
噴煙量(Quantity of plumes) (JMA's scale)	4 (31)
噴煙の高さ(Height of plumes) (m)	2400 (31)

噴煙の色(Color of plumes)	W,LW,GW
他の火山現象(Other volcanic phenomena)	GI,As,Bm,AF

Note: Plumes were from Mt. Minamidake A Crater(A), B Crater(B) and Showa Crater(S)

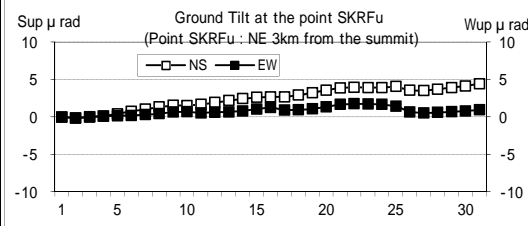
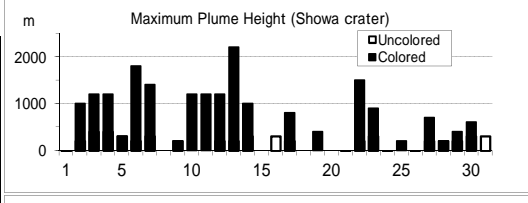
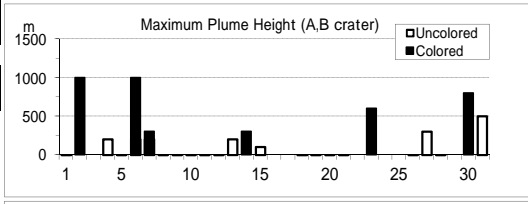
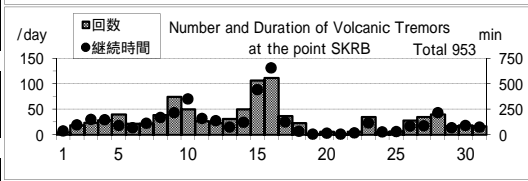
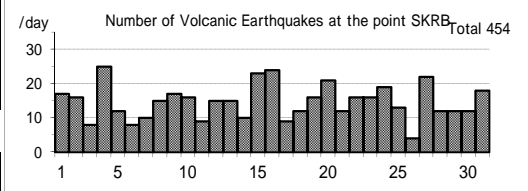
Note: Uncolored:Plume color was White(W).

Colored:Plume color was Light white(LW), Grayish white(GW), Gray(G) and other.

爆発時の遠望観測(Visual observation of explosion)

Date	Time	Col	Q	H(*100m)	Dir	Remarks
0702	1049	GW	3	10	SE	Bm(6合目), AS 3.2(A), 14.5(D)
0702	1400	GW	3	10	SE	Bm(6合目), AS 3.1(A), 25.2(D)
0703	0153	X	X	X	X	AS 1.3(O), 12.4(D)
0703	2218	X	3	10	E	Bm(6合目), AS 2.1(O), 21.0(D)
0703	2345	X	3	10	E	Bm(6合目), AS 1.5(O), 12.9(D)
0704	1600	GW	3	12	T	AS, 2.4(A), 10.6(D)
0704	1705	X	X	X	X	AS, 1.9(A), 13.1(D)
0706	1857	GW	3	16	NE	AS 2.3(O), 19.5(D)
0706	1938	GW	3	18	NE	Bm(6合目), AS 1.4(O), 11.1(D)
0707	1450	GW	3	14	E	Bm(6合目), AS 3.5(A), 20.9(D)
0707	1622	GW	3	12	NE	Bm(5合目), AS 2.4(A), 14.9(D)
0707	1845	GW	3	10	NE	Bm(5合目), AS 5.8(A), 33.4(D)
0708	2013	X	3	13	T	AS 3.7(O), 43.4(D)
0708	2112	X	3	10	T	AS 2.8(O), 24.9(D)
0709	2006	X	X	X	X	AS 11.3(D), 2.1(E)
0710	1122	X	X	X	X	AS 15.1(D), 1.6(E)
0710	1802	GW	3	12	NE	AS 2.5(A), 20.8(D)
0711	0753	GW	3	12	E	AS 0.8(O), 11.6(D)
0711	2139	X	3	10	NE	Bm(5合目), AS 4.6(O), 27.2(D)
0712	1216	GW	2	7	NE	Bm(5合目), AS 3.7(O), 36.1(D)
0712	2101	GW	3	12	NE	Bm(5合目), AS 2.8(A), 15.4(D)
0713	1251	GW	3	18	E	Bm(5合目), AS 5.4(A), 5.5(D)
0713	1346	GW	3	15	E	Bm(6合目), AS 4.7(A), 12.2(D)
0713	1440	GW	3	14	E	Bm(5合目), AS 4.9(A), 19.2(D)
0713	1721	GW	3	22	T	AS 2.8(A), 12.1(D)
0714	0927	GW	3	10	NE	Bm(5合目), AS 10.8(O), 61.7(D)
0715	0003	X	3	10	NE	Bm(6合目), AS 6.1(O), 44.5(D)
0715	0641	GW	3	10	NE	AS 2.2(O), 24.4(D)
0716	0019	X	3	14	NE	Bm(5合目), AS 6.7(O), 53.7(D)
0716	1432	X	X	X	X	AS 2.2(O), 16.6(D)
0718	0234	X	2	7	NE	Bm(6合目), AS 1.2(O), 11.5(D)
0718	1608	X	X	X	X	AS 11.3(O), 108.3(D)
0719	0028	X	X	X	X	AS 7.2(O), 120.3(D)
0719	0128	X	X	X	X	AS 4.3(O), 48.4(D)
0719	0942	X	X	X	X	Bm(5合目), AS 6.5(O), 87.3(D)
0719	1002	X	X	X	X	AS 7.0(A), 57.8(D)
0720	0017	X	3	14	NE	Bm(5合目), AS 3.1(O), 48.8(D)
0720	0054	X	3	14	NE	Bm(5合目), AS 2.6(O), 55.3(D)
0720	1819	X	X	X	X	AS 5.6(O), 101.7(D)
0720	1933	X	X	X	X	AS 26.3(D), 3.5(E)
0720	1957	X	X	X	X	Bm(5合目), AS 58.7(D), 5.8(E)

Sakurajima: July,2009



爆発時の遠望観測(Visual observation of explosion)

Date	Time	Col	Q	H(*100m)	Dir	Remarks
0721	0436	X	X	X	X	Bm(5合目),AS 2.1(O), 32.1(D)
0721	1505	X	X	X	X	AS 2.6(A),18.4(D)
0721	1958	X	X	X	X	AS 1.3(O), 43.6(D)
0721	2314	X	X	X	X	Bm(5合目),AS 3.7(O), 84.4(D)
0722	1218	GW	3	12	E	AS 2.2(O), 41.8(D)
0722	1248	GW	3	15	E	Bm(5合目),AS 7.8(O), 114.6(D)
0722	1725	GW	3	9	SE	Bm(7合目),AS 6.7(O), 48.6(D)
0722	1952	GW	3	10	SE	Bm(5合目),AS 8.8(O), 52.3(D)
0724	0414	X	X	X	X	Bm(5合目),AS 2.3(D), 0.6(E)
0725	0216	X	X	X	X	AS 3.7(O), 65.2(D)
0725	1031	X	X	X	X	AS 2.4(O), 28.0(D)
0725	1553	X	X	X	X	AS 6.0(A), 46.9(D)
0728	1020	X	X	X	X	AS 2.7(O), 28.8(D)
0731	2149	X	4	24	NE	Bm(4合目),AS 31.7(O), 107.7(D)

臨時観測 平成21年(2009年)7月 Extra Observation in July,2009

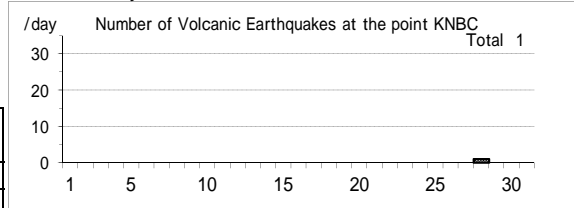
(1)倶多楽

札幌火山監視・情報センターによる火山機動観測
Mobile observation by the Sapporo VOIC
Date: Since 15 Jul.,2004

震動観測(Seismic Observation)	月計 total	最大(起日) max (date)
Observation Point: KNBC		
火山性地震回数(Number of volcanic earthquakes)	1	1 (28)
火山性微動回数(Number of volcanic tremors)	0	0
微動継続時間(Duration of volcanic tremors) (min.)	-	-

Note:KNBC (N42°30.1' E141°7.4' H570m)

Kuttara: July,2009



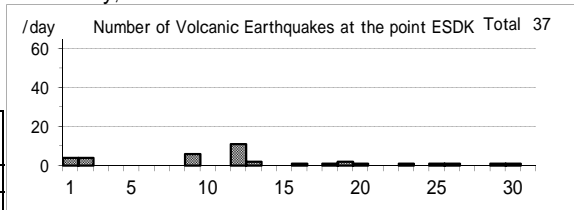
(2)恵山

札幌火山監視・情報センターによる火山機動観測
Mobile observation by the Sapporo VOIC
Date: Since 24 Jul.,2005

震動観測(Seismic Observation)	月計 total	最大(起日) max (date)
Observation Point: ESDK		
火山性地震回数(Number of volcanic earthquakes)	37	11 (12)
火山性微動回数(Number of volcanic tremors)	0	0
微動継続時間(Duration of volcanic tremors) (min.)	-	-

Note: ESDK (N41°48.7' E141°9.7' H369m)

Esan: July,2009



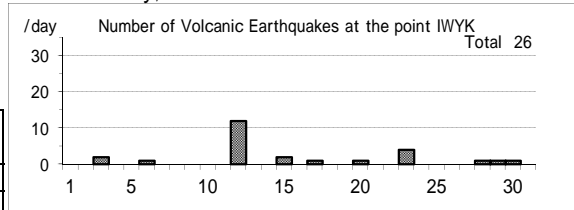
(3)岩手山

仙台火山監視・情報センターによる火山機動観測
Mobile observation by the Sendai VOIC
Date: Since 4 Oct.,1995

震動観測(Seismic Observation)	月計 total	最大(起日) max (date)
Observation Point: IWYK		
火山性地震回数(Number of volcanic earthquakes)	26	12 (12)
火山性微動回数(Number of volcanic tremors)	0	0
微動継続時間(Duration of volcanic tremors) (min.)	-	-

Note:IWYK (N39°52.7' E140°57.6' H763m)

Iwatesan: July,2009



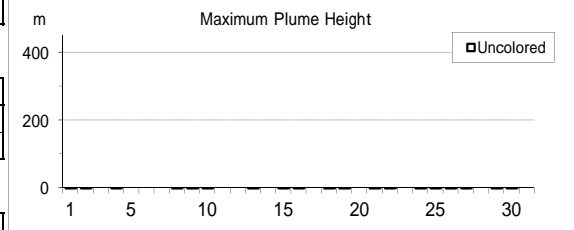
遠望観測(Visual Observation)	最大(起日) max (date)
噴煙量(Quantity of plumes) (JMA's scale)	-
噴煙の高さ(Height of plumes) (m)	-

噴煙の色(Color of plumes)	-
他の火山現象(Other volcanic phenomena)	-

Note: Plumes were from the Kurokurayama Summit(LocationX), the Ojigokudani(Y-6)

Note: Uncolored:Plume color was White(W), Light white(LW).

Colored:Plume color was Grayish white(GW), Gray(G) and other.



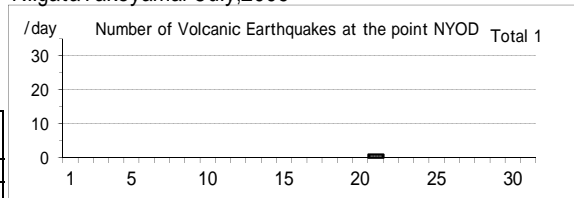
(4)新潟焼山

気象庁本庁による火山機動観測
Mobile observation by the headquarter of JMA
Date: Since 1 Dec.,2005

震動観測(Seismic Observation)	月計 total	最大(起日) max (date)
Observation Point: NYOD		
火山性地震回数(Number of volcanic earthquakes)	1	1 (21)
火山性微動回数(Number of volcanic tremors)	0	0
微動継続時間(Duration of volcanic tremors) (min.)	-	-

Note: NYOD (N36°57.4' E138°2.3' H1,150m)

NiigataYakeyama: July,2009



(5)白山

気象庁本庁による火山機動観測

Mobile observation by the headquarter of JMA

Date: Since 1 Dec.,2005

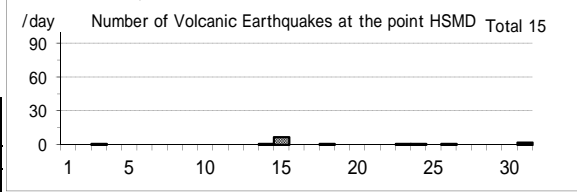
震動観測(Seismic Observation)

Observation Point: HSMD

	月計 total	最大(起日) max (date)
火山性地震回数(Number of volcanic earthquakes)	15	7 (15)
火山性微動回数(Number of volcanic tremors)	0	0
微動継続時間(Duration of volcanic tremors) (min.)	-	-

Note: HSMD (N36°8.8' E136°45.9' H2,345m)

Hakusan: July,2009



(6)富士山

気象庁本庁による火山機動観測

Mobile observation by the headquarter of JMA

Date: Since 18 Oct.,1987

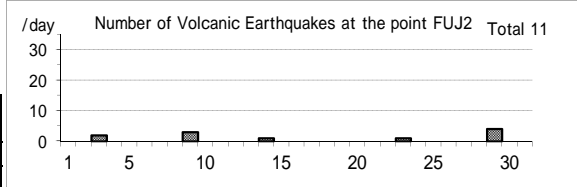
震動観測(Seismic Observation)

Observation Point: FUJ2

	月計 total	最大(起日) max (date)
火山性地震回数(Number of volcanic earthquakes)	11	4 (29)
火山性微動回数(Number of volcanic tremors)	0	0
微動継続時間(Duration of volcanic tremors) (min.)	-	-

Note: FUJ2 (N35°21.6' E138°43.6' H3,772m)

Fujisan: July,2009



(7)桜島

地磁気観測所鹿屋出張所による桜島の日降灰量観測

Extra observation of daily amounts of ash fall from Sakurajima by the Kanoya Satellite Observatory, the Magnetic Observatory, JMA

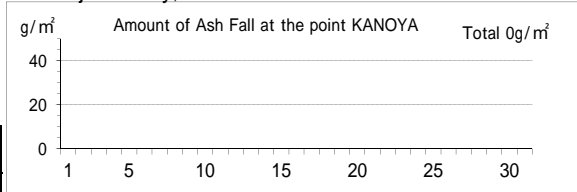
Date: daily (a.m. 0900)

遠望観測(Visual Observation)

Observation Point: KANOYA

	月計 total	最大(起日) max (date)
降灰量(Amount of ash fall) (g/m ²)	0	0 (23,30)

Sakurajima: July,2009



(8)薩摩硫黄島

福岡火山監視・情報センター、鹿児島地方気象台による火山機動観測

Mobile observation by the Fukuoka VOIC and Kagoshima LMO

Date: Since 10 Sep.,1997

震動観測(Seismic Observation)

Observation Point: ST11

	月計 total	最大(起日) max (date)
火山性地震回数(Number of volcanic earthquakes)	2041	98 (14)
火山性微動回数(Number of volcanic tremors)	0	0
微動継続時間(Duration of volcanic tremors) (min.)	-	-

Note: ST11 (N30°47.3' E130°18.1' H380m)

遠望観測(Visual Observation)

最大(起日) max (date)

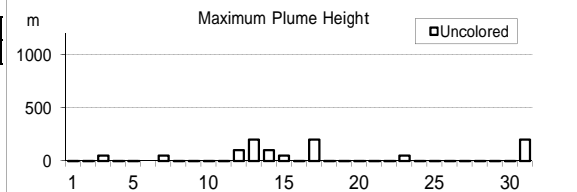
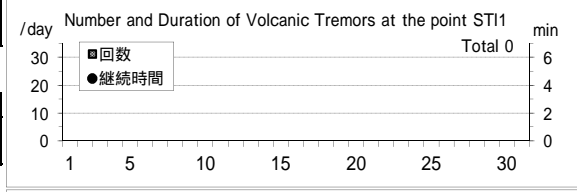
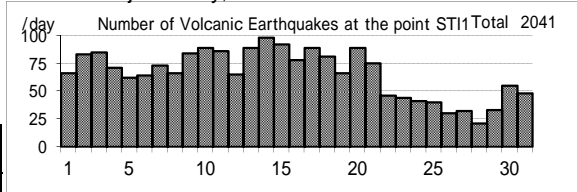
噴煙量(Quantity of plumes) (JMA's scale)	1 (abbr.)
噴煙の高さ(Height of plumes) (m)	200 (13,17,31)

噴煙の色(Color of plumes)	W
他の火山現象(Other volcanic phenomena)	-

Note: Uncolored:Plume color was White(W), Light white(LW).

Colored:Plume color was Grayish white(GW), Gray(G) and other.

Satsuma-Iojima: July,2009



(9)口永良部島

福岡火山監視・情報センター、鹿児島地方気象台による火山機動観測
 Mobile observation by the Fukuoka VOIC and Kagoshima LMO
 Date: Since 11 Sep.,1999 (seismic), 10 Mar.,2004 (Visual)

震動観測(Seismic Observation)	月計 total	最大(起日) max (date)
Observation Point: KER1		
火山性地震回数(Number of volcanic earthquakes)	4	1 (abbr.)
火山性微動回数(Number of volcanic tremors)	0	0
微動継続時間(Duration of volcanic tremors) (min.)	-	-

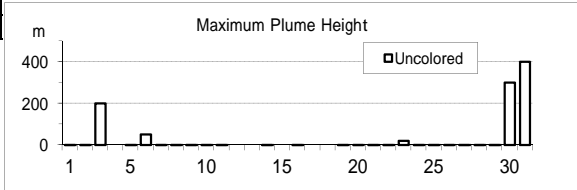
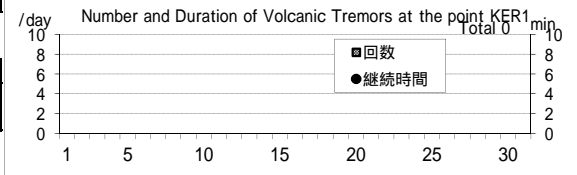
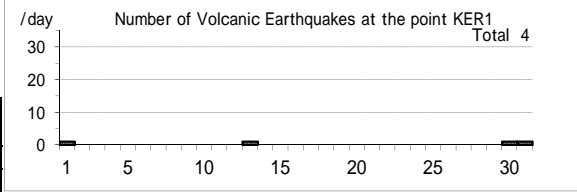
Note: KER1 (N30°26.9' E130°12.9' H566m)

遠望観測(Visual Observation)	最大(起日) max (date)
噴煙量(Quantity of plumes) (JMA's scale)	1 (abbr.)
噴煙の高さ(Height of plumes) (m)	400 (31)

噴煙の色(Color of plumes)	W
他の火山現象(Other volcanic phenomena)	-

Note: Uncolored:Plume color was White(W), Light white(LW).
 Colored:Plume color was Grayish white(GW), Gray(G) and other.

Kuchinoerabujima: July,2009



(10)諏訪之瀬島

福岡火山監視・情報センター、鹿児島地方気象台による火山機動観測
 Mobile observation by the Fukuoka VOIC and Kagoshima LMO
 Date: Since 6 Jul.,2001

震動観測(Seismic Observation)	月計 total	最大(起日) max (date)
Observation Point: SWA1		
火山性地震回数(Number of volcanic earthquakes)	392	48 (16)
火山性微動回数(Number of volcanic tremors)*	387	74 (19)
微動継続時間(Duration of volcanic tremors) (min.)	1367	175 (10)

Note: SWA1 (N29°37.7' E129°42.3' H450m)

* Continuous volcanic tremors occurred intermittently in this month.
 Number of volcanic tremors and duration are not including the continuous volcanic tremor.

遠望観測(Visual Observation)	月計 total	最大(起日) max (date)
爆発回数(Number of explosive eruptions)	7	3 (6)

	最大(起日) max (date)
噴煙量(Quantity of plumes) (JMA's scale)	2 (16,17)
噴煙の高さ(Height of plumes) (m)	800 (17)

噴煙の色(Color of plumes)	W,LW,GW
他の火山現象(Other volcanic phenomena)	-

Note: Uncolored:Plume color was White(W), Light white(LW).
 Colored:Plume color was Grayish white(GW), Gray(G) and other.

Suwanosejima: July,2009

