

火山観測 Summary of Observations on Volcanoes

常時観測 平成21年(2009年)10月

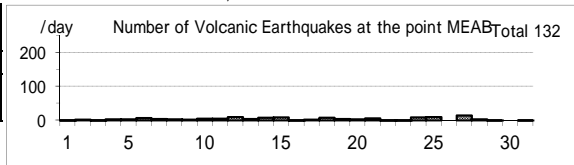
Constant Observation in October,2009

(1) 雌阿寒岳

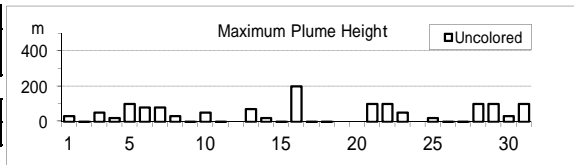
震動観測(Seismic Observation)	月計 total	最大(起日) max (date)
Observation Point: MEAB		
火山性地震回数(Number of volcanic earthquakes)	132	15 (27)
火山性微動回数(Number of volcanic tremors)	0	0
微動継続時間(Duration of volcanic tremors) (min.)	-	-

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

Meakandake: October,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 (16)
噴煙の色(Color of plumes)	W
他の火山現象(Other volcanic phenomena)	-



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

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

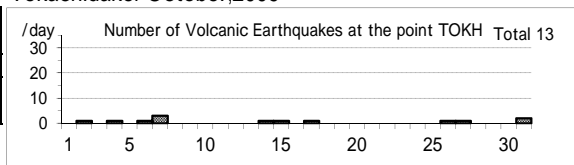
Colored:Plume color was Light white(LW), Grayish white(GW), Gray(G) and other.

(2) 十勝岳

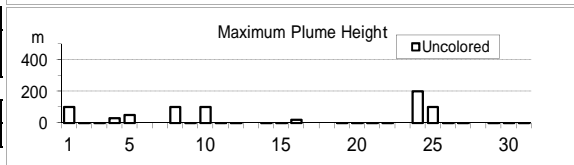
震動観測(Seismic Observation)	月計 total	最大(起日) max (date)
Observation Point: TOKH		
火山性地震回数(Number of volcanic earthquakes)	13	3 (7)
火山性微動回数(Number of volcanic tremors)	1	1 (27)
微動継続時間(Duration of volcanic tremors) (min.)	1	1 (27)

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

Tokachidake: October,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 (24)
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).

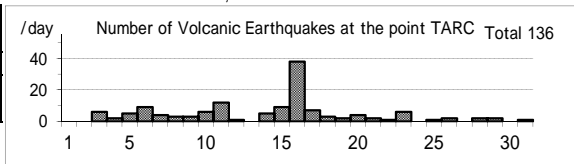
Colored:Plume color was Light white(LW), Grayish white(GW), Gray(G) and other.

(3) 樽前山

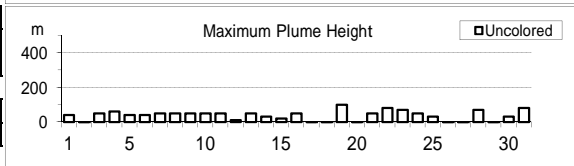
震動観測(Seismic Observation)	月計 total	最大(起日) max (date)
Observation Point: TARC		
火山性地震回数(Number of volcanic earthquakes)	136	38 (16)
火山性微動回数(Number of volcanic tremors)	2	1 (16,23)
微動継続時間(Duration of volcanic tremors) (min.)	4	3 (23)

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

Tarumaesan: October,2009



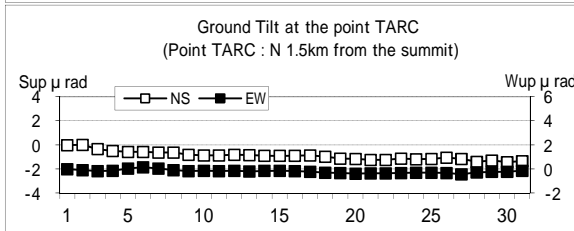
遠望観測(Visual Observation)	最大(起日) max (date)
噴煙量(Quantity of plumes) (JMA's scale)	1 (abbr.)
噴煙の高さ(Height of plumes) (m)	100 (19)
噴煙の色(Color of plumes)	W
他の火山現象(Other volcanic phenomena)	-



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)	月計 total	最大(起日) max (date)
Observation Point: USUA		
火山性地震回数(Number of volcanic earthquakes)	18	2 (7)
火山性微動回数(Number of volcanic tremors)	0	0
微動継続時間(Duration of volcanic tremors) (min.)	-	-

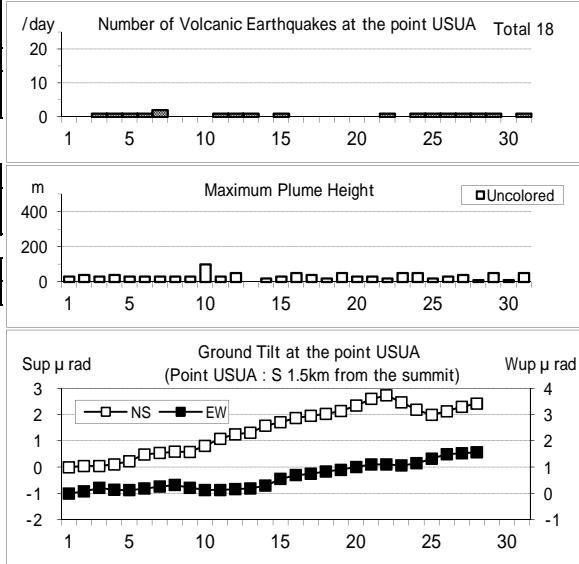
Note: USUA (N42°31.7' E140°50.2' H246m)

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 (10)
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: October,2009



(5)北海道駒ヶ岳

震動観測(Seismic Observation)	月計 total	最大(起日) max (date)
Observation Point: KOMA		
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.)	-	-

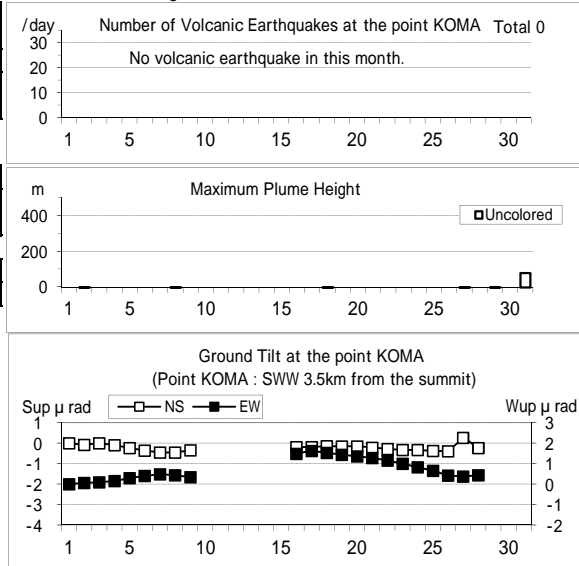
Note: KOMA (N42°03.2' E140°38.3' H265m)

遠望観測(Visual Observation)	最大(起日) max (date)
噴煙量(Quantity of plumes) (JMA's scale)	1 (31)
噴煙の高さ(Height of plumes) (m)	80 (31)
噴煙の色(Color of plumes)	W
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: October,2009



(6)吾妻山

震動観測(Seismic Observation)	月計 total	最大(起日) max (date)
Observation Point: AZUA		
火山性地震回数(Number of volcanic earthquakes)	68	5 (22,30)
火山性微動回数(Number of volcanic tremors)	0	0
微動継続時間(Duration of volcanic tremors) (min.)	-	-

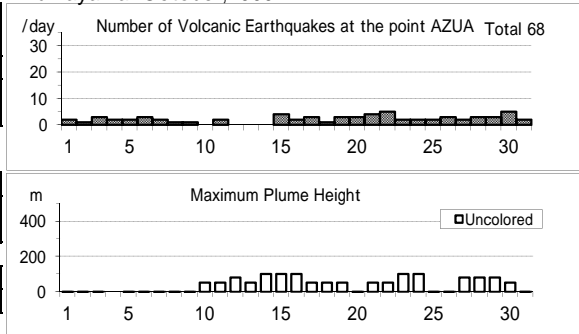
Note: AZUA (N37°43.3' E140°16.5' H1,295m)

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 (abbr.)
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: October,2009



(7)安達太良山

震動観測(Seismic Observation)

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

遠望観測(Visual Observation)

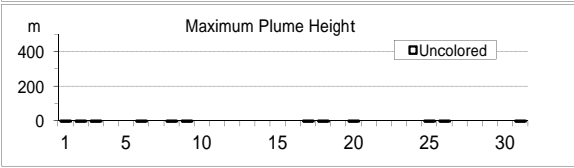
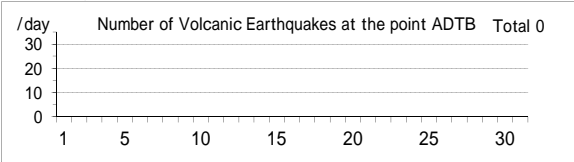
	最大(起日) max (date)
噴煙量(Quantity of plumes) (JMA's scale)	-
噴煙の高さ(Height of plumes) (m)	-
噴煙の色(Color of plumes)	-
他の火山現象(Other volcanic phenomena)	-

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: October,2009



(8)磐梯山

震動観測(Seismic Observation)

Observation Point: BNDA	月計 total	最大(起日) max (date)
火山性地震回数(Number of volcanic earthquakes)	10	5 (27)
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)

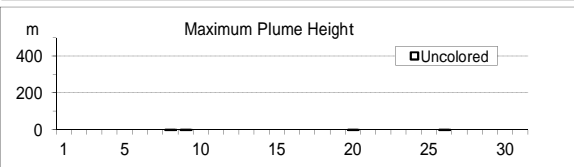
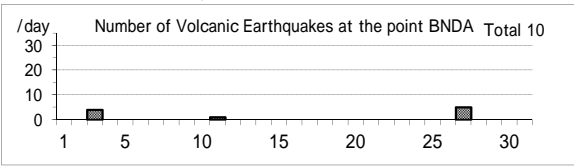
	最大(起日) max (date)
噴煙量(Quantity of plumes) (JMA's scale)	-
噴煙の高さ(Height of plumes) (m)	-
噴煙の色(Color of plumes)	-
他の火山現象(Other volcanic phenomena)	-

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: October,2009



(9)那須岳

震動観測(Seismic Observation)

Observation Point: NSUA	月計 total	最大(起日) max (date)
火山性地震回数(Number of volcanic earthquakes)	14	2 (25,30)
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)

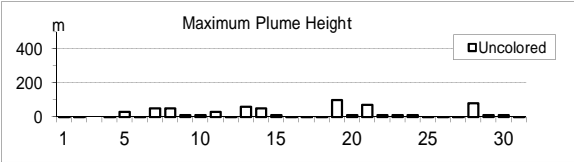
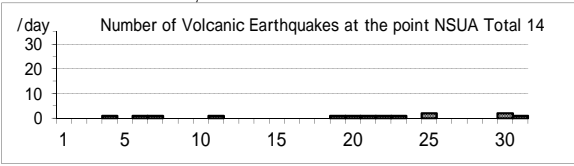
	最大(起日) max (date)
噴煙量(Quantity of plumes) (JMA's scale)	1 (abbr.)
噴煙の高さ(Height of plumes) (m)	100 (19)
噴煙の色(Color of plumes)	W
他の火山現象(Other volcanic phenomena)	-

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: October,2009



(10)草津白根山

震動観測(Seismic Observation)

Observation Point: KSHA	月計 total	最大(起日) max (date)
火山性地震回数(Number of volcanic earthquakes)	5	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: KSHA (N36° 38.9' E138° 32.7' H1,933m)

遠望観測(Visual Observation)

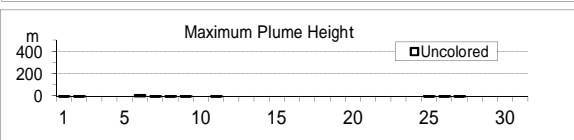
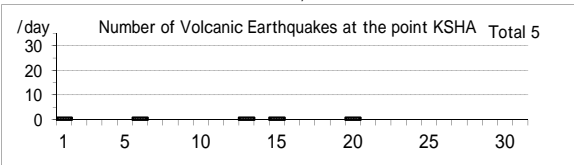
	最大(起日) max (date)
噴煙量(Quantity of plumes) (JMA's scale)	1 (6)
噴煙の高さ(Height of plumes) (m)	10 (6)
噴煙の色(Color of plumes)	W
他の火山現象(Other volcanic phenomena)	-

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: October,2009



(11)浅間山

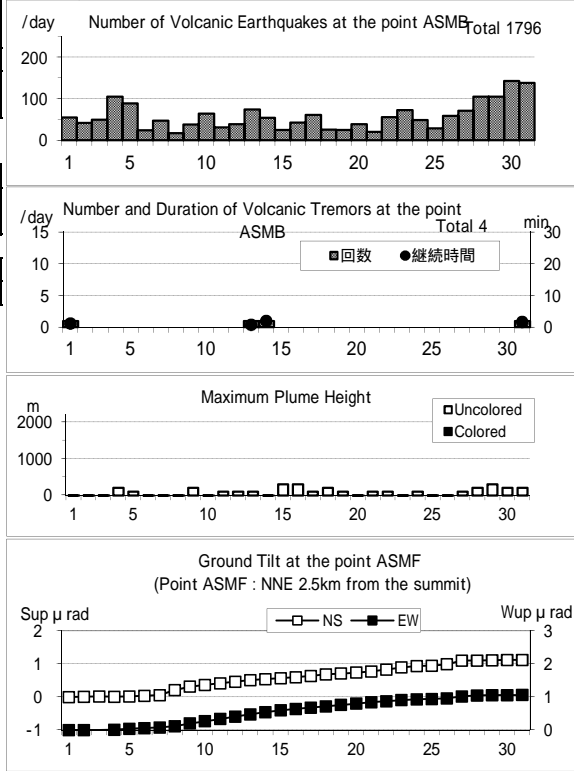
震動観測(Seismic Observation) Observation Point: ASMB	月計 total	最大(起日) max (date)
火山性地震回数(Number of volcanic earthquakes)	1796	143 (30)
火山性微動回数(Number of volcanic tremors)	4	1 (abbr.)
微動継続時間(Duration of volcanic tremors) (min.)	5	2 (14)

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 (abbr.)
噴煙の高さ(Height of plumes) (m)	300 (15,16,29)
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: October,2009



(12)御嶽山

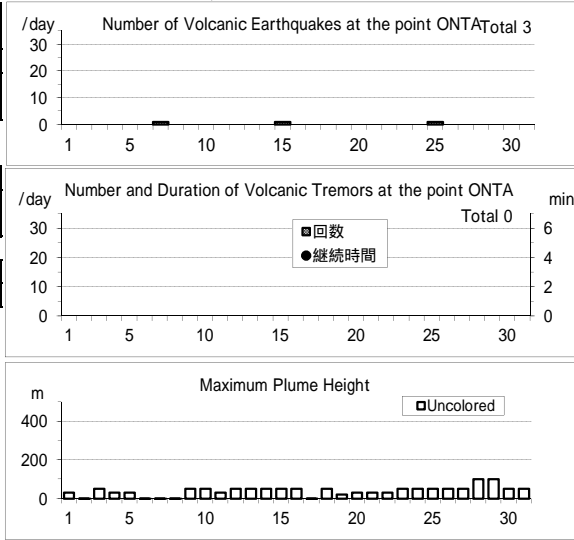
震動観測(Seismic Observation) Observation Point: ONTA	月計 total	最大(起日) max (date)
火山性地震回数(Number of volcanic earthquakes)	3	1 (7,15,25)
火山性微動回数(Number of volcanic tremors)	0	0
微動継続時間(Duration of volcanic tremors) (min.)	-	-

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 (28,29)
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: October,2009



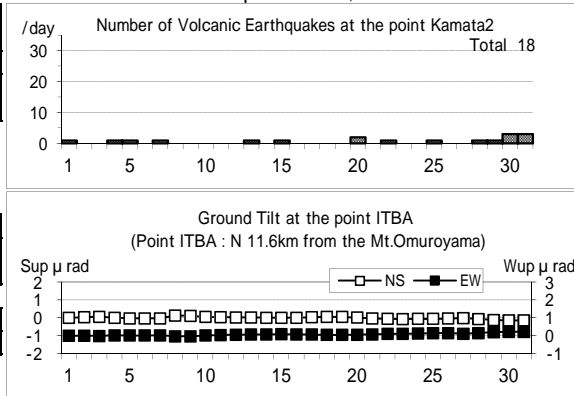
(13)伊豆東部火山群

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)	18	3 (30,31)
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: 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: October,2009



(14)伊豆大島

震動観測(Seismic Observation) Observation Point: OSMA	月計 total	最大(起日) max (date)
火山性地震回数(Number of volcanic earthquakes)	33	3 (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.)	-	-

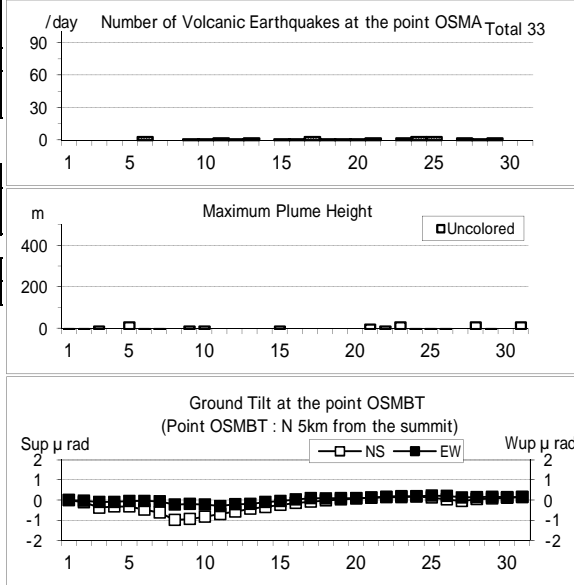
Note: OSMA (N34 44.2' E139 23.2' H553m)

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: October,2009



(15)三宅島

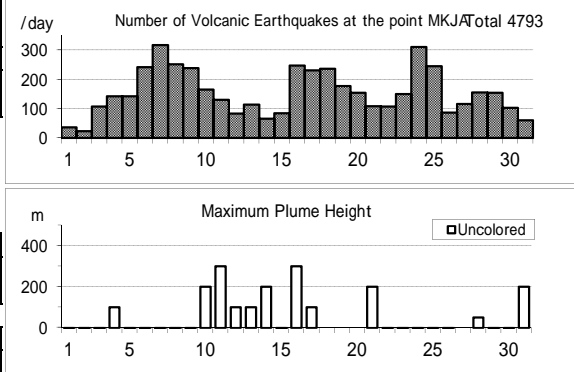
震動観測(Seismic Observation) Observation Point: MKJA	月計 total	最大(起日) max (date)
火山性地震回数(Number of volcanic earthquakes)	4793	317 (7)
火山性微動回数(Number of volcanic tremors)	0	0
微動継続時間(Duration of volcanic tremors) (min.)	-	-

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 (11)
噴煙の高さ(Height of plumes) (m)	300 (11,16)
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: October,2009



(16)九重山

震動観測(Seismic Observation) Observation Point: KJUA	月計 total	最大(起日) max (date)
火山性地震回数(Number of volcanic earthquakes)	13	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: KJUA (N33°06.2' E131°13.7' H1,280m)

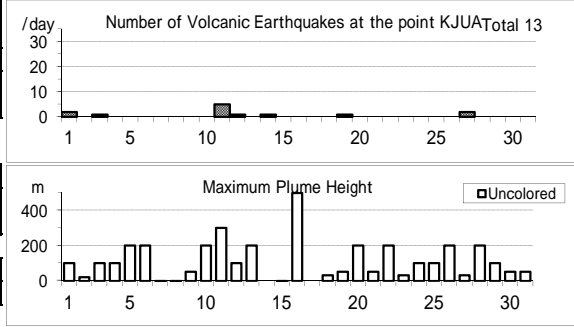
遠望観測(Visual Observation)	最大(起日) max (date)
噴煙量(Quantity of plumes) (JMA's scale)	1 (abbr.)
噴煙の高さ(Height of plumes) (m)	500 (16)
噴煙の色(Color of plumes)	W
他の火山現象(Other volcanic phenomena)	-

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: October,2009



(17)阿蘇山

震動観測(Seismic Observation) Observation Point: ASOA	月計 total	最大(起日) max (date)
火山性地震回数(Number of volcanic earthquakes)	30	4 (23)
孤立型火山性微動回数 (Number of isolated volcanic tremors)	7033	267 (20)

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 (12,20)
噴煙の高さ(Height of plumes) (m)	500 (4)

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.

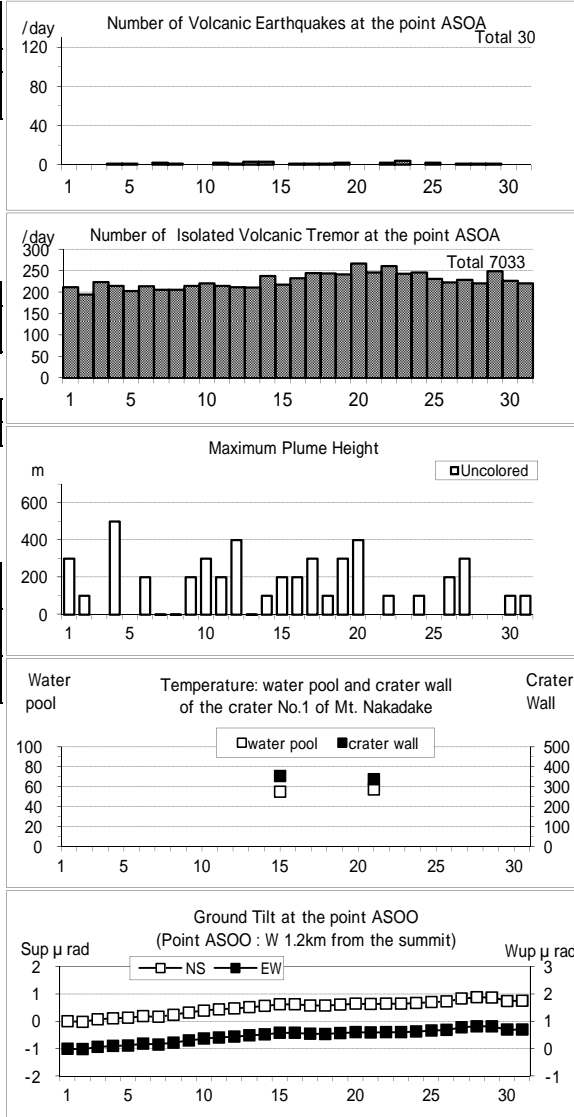
Note: Uncolored:Plume color was White(W).

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) ()	58 (21)	55 (15)
火口壁の表面温度 (Surface temperature on the crater wall) ()	356 (15)	340 (21)

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

Asosan: October,2009



(18)雲仙岳

震動観測(Seismic Observation)

Observation Point: UNZA	月計	最大(起日)
	total	max (date)
火山性地震回数(Number of volcanic earthquakes)	2	2 (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: UNZA (N32°44.1' E130°16.1' H769m)

遠望観測(Visual Observation)

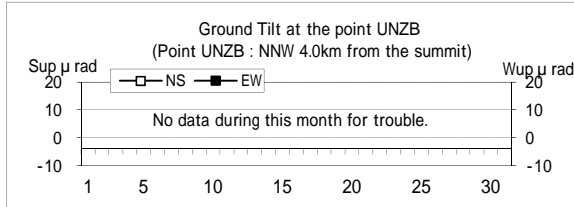
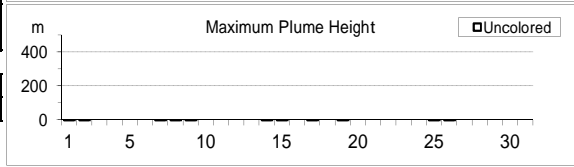
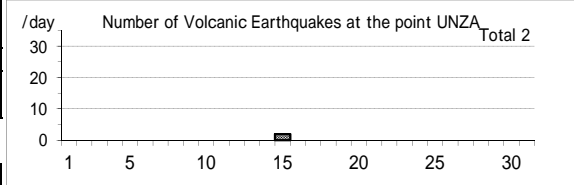
Observation Point: UNZA	最大(起日)
	max (date)
噴煙量(Quantity of plumes) (JMA's scale)	-
噴煙の高さ(Height of plumes) (m)	-
噴煙の色(Color of plumes)	-
他の火山現象(Other volcanic phenomena)	-

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: October,2009



(19)霧島山

新燃岳 (Shinmoedake)

震動観測(Seismic Observation)

Observation Point: KIRA	月計	最大(起日)
	total	max (date)
火山性地震回数(Number of volcanic earthquakes)	3	2 (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: KIRA (N31°54.0' E130°52.3' H1,035m)

遠望観測(Visual Observation)

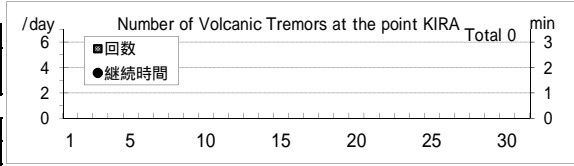
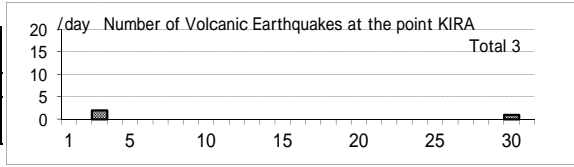
Observation Point: KIRA	最大(起日)
	max (date)
噴煙量(Quantity of plumes) (JMA's scale)	1 (abbr.)
噴煙の高さ(Height of plumes) (m)	400 (11)
噴煙の色(Color of plumes)	W
他の火山現象(Other volcanic phenomena)	-

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: October,2009



御鉢(Ohachi)

震動観測(Seismic Observation)

Observation Point: KTCM	月計	最大(起日)
	total	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)

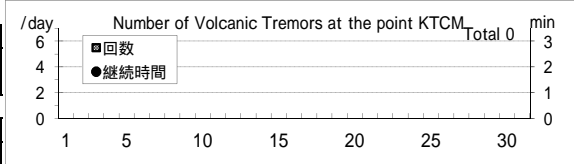
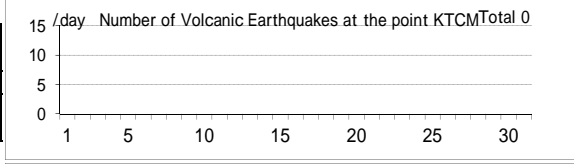
遠望観測(Visual Observation)

Observation Point: KTCM	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)	323	30 (4)
火山性微動回数(Number of volcanic tremors)	281	68 (31)
微動継続時間(Duration of volcanic tremors) (min)	1643	624 (31)

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)	102	11 (28.29.30)
降灰量(Amount of ash fall) (g/m ²)	176	65 (31)

A,B火口 (A,B crater)	最大(起日) max (date)
噴煙量(Quantity of plumes) (JMA's scale)	5 (3)
噴煙の高さ(Height of plumes) (m)	3000 (3)

昭和火口 (Showa crater)	最大(起日) max (date)
噴煙量(Quantity of plumes) (JMA's scale)	4 (1)
噴煙の高さ(Height of plumes) (m)	2000 (1)

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

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

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

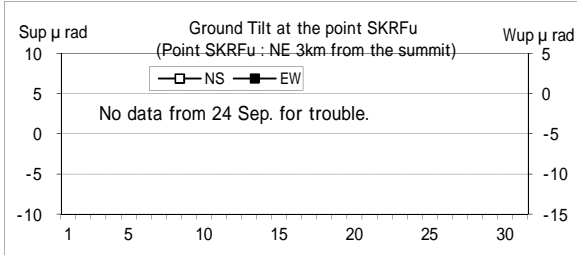
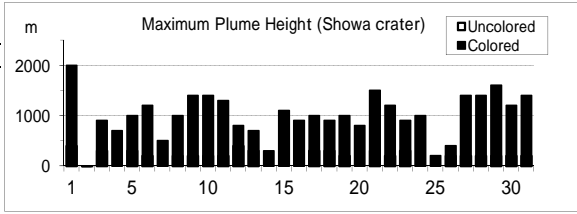
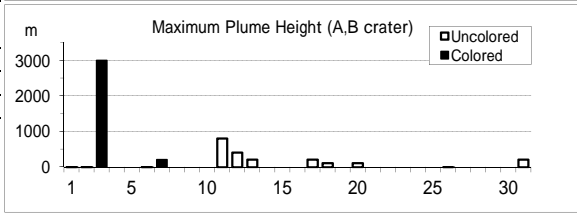
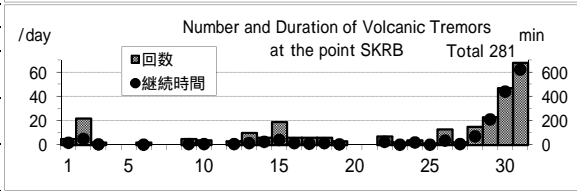
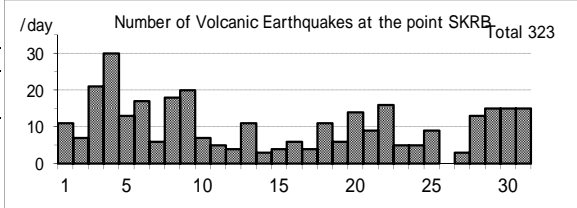
Colored:Plume color was Light white(LW), Grayish white(GW),

Gray(G) and other.

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

Date	Time	Col	Q	H(*100m)	Dir	Loc	Remarks
1001	0158	X	3	12	T	S	Bm(5合目),AS 8.0 (O), 44.0(D)
1001	1156	GW	4	20	T	S	Bm(6合目),AS 14.0(O), 83.8(D)
1001	1600	GW	3	14	N	S	Bm(5合目),AS 8.5 (O), 53.9(D)
1001	1728	GW	3	10	N	S	Bm(4合目),AS 6.7 (D), 1.7(A)
1001	1813	GW	2	9	N	S	Bm(5合目),AS 4.1 (O), 21.9(D)
1002	1818	X	X	X	X	S	AS 38.6(D), 5.6(E)
1003	1645	GW	5	30	T	M	Bm(4合目),AS 73.1(O), 294.5(D)
1004	0119	X	X	>10	T	S	Bm(5合目),AS 10.7(O), 53.5(D)
1004	0304	X	X	>10	T	S	Bm(5合目),AS 13.0(O), 73.0(D)
1004	1951	X	3	12	T	S	Bm(4合目),AS 12.1(O), 48.9(D)
1005	1313	GW	3	10	W	S	AS 12.3(O), 47.6(D)
1006	0244	X	3	10	W	S	Bm(4合目),AS 11.2(O), 53.5(D)
1006	0354	X	X	X	X	S	Bm(5合目),AS 8.3 (O), 45.9(D)
1006	0555	X	X	X	X	S	AS 2.1 (O), 10.0(D)
1006	0758	GW	3	12	T	S	Bm(5合目),AS 12.5(O), 45.5(D)
1007	0703	GW	2	5	W	S	AS 11.8(O), 38.1(D)
1007	1519	GW	1	2	S	S	Bm(6合目),AS 13.3(O), 84.7(D)
1008	0557	GW	2	5	SW	S	Bm(4合目),AS 13.0(O), 55.8(D)
1008	0846	GW	2	4	SW	S	Bm(6合目),AS 23.4(D), 5.8(A)
1008	1545	GW	3	10	S	S	Bm(5合目),AS 8.2 (O), 42.3(D)
1008	2002	GW	3	12	T	S	Bm(4合目),AS 20.8(O), 82.4(D)
1008	2217	X	3	12	T	S	Bm(5合目),AS 14.1(O), 64.5(D)
1008	2300	X	3	12	T	S	Bm(5合目),AS 8.2 (O), 43.6(D)
1009	0949	GW	3	12	T	S	Bm(6合目),AS 4.7 (O), 25.5(D)
1009	1355	GW	3	14	SE	S	Bm(6合目),AS 13.8(O), 80.8(D)
1009	1659	GW	2	9	S	S	AS 13.3(O), 62.7(D)
1009	2138	X	3	14	S	S	Bm(6合目),AS 6.0 (O), 26.0(D)
1009	2301	X	2	8	S	S	Bm(5合目),AS 2.6 (O), 10.3(D)
1010	0120	X	3	16	S	S	Bm(5合目),AS 17.3(O), 66.3(D)
1010	0518	X	3	17	S	S	Bm(6合目),AS 8.4 (O), 36.7(D)
1011	0636	GW	3	12	T	S	Bm(7合目),AS 6.3 (O), 31.9(D)
1011	1702	GW	3	13	SE	S	Bm(7合目),AS 4.6 (O), 39.5(D)
1012	1837	X	3	10	SE	S	Bm(5合目),AS 6.5 (O), 33.8(D)

Sakurajima: October,2009



Date	Time	Col	Q	H(+100m)	Dir	Loc	Remarks
1013	1040	GW	X	X	X	S	Bm(7合目),AS 4.6 (O), 40.9(D)
1014	2318	X	3	10	SE	S	Bm(5合目),AS 7.2 (O), 43.1(D)
1015	0447	X	3	10	S	S	Bm(6合目),AS 5.9 (O), 45.5(D)
1016	0413	X	3	14	SE	S	Bm(6合目),AS 1.3 (O), 10.9(D)
1017	0343	X	X	X	X	S	Bm(4合目),AS 3.9 (O), 62.8(D)
1017	0940	GW	3	10	E	S	Bm(6合目),AS 4.3 (O), 39.1(D)
1019	1943	X	3	12	E	S	Bm(5合目),AS 2.4 (O), 35.6(D)
1020	1723	GW	2	8	SE	S	Bm(5合目),AS 12.4(O), 54.7(D)
1020	1915	X	3	10	SE	S	Bm(4合目),AS 9.7 (O), 42.8(D)
1020	2113	X	3	10	S	S	Bm(5合目),AS 8.5 (O), 35.6(D)
1020	2355	X	3	10	S	S	Bm(5合目),AS 4.7 (O), 23.9(D)
1021	0909	GW	3	10	T	S	AS 3.6 (O), 18.4(D)
1021	1021	GW	3	15	T	S	Bm(5合目),AS 8.8 (O), 33.9(D)
1021	1239	GW	3	15	T	S	Bm(6合目),AS 14.2(O), 59.6(D)
1022	0258	X	2	9	T	S	Bm(6合目),AS 7.2 (O), 36.7(D)
1022	1016	GW	3	12	T	S	Bm(5合目),AS 4.8 (O), 23.0(D)
1022	1752	X	3	12	T	S	Bm(4合目),AS 3.2 (O), 19.9(D)
1022	1902	X	3	10	T	S	Bm(6合目),AS 2.1 (O), 11.6(D)
1022	1927	X	X	X	X	S	Bm(4合目),AS 6.7 (O), 30.9(D)
1022	1953	X	3	10	T	S	Bm(5合目),AS 3.8 (O), 19.9(D)
1022	2044	X	3	15	T	S	Bm(5合目),AS 5.3 (O), 27.7(D)
1023	2325	X	3	10	W	S	Bm(5合目),AS 13.8(O), 50.0(D)
1024	0407	X	X	X	X	S	Bm(5合目),AS 5.2 (O), 38.0(D)
1024	1253	GW	3	10	SW	S	AS 17.5(D), 6.5(A)
1024	1558	GW	2	4	SW	S	Bm(6合目),AS 21.4(D), 6.9(A)
1025	0345	X	2	5	SW	S	Bm(5合目),AS 23.7(D), 6.4(A)
1025	0431	X	2	5	SW	S	Bm(5合目),AS 3.6 (O), 16.0(D)
1025	0516	X	2	4	SW	S	Bm(5合目),AS 7.9 (D), 2.7(A)
1027	1445	GW	3	14	SE	S	Bm(5合目),AS 8.9 (O), 38.9(D)
1027	1605	GW	3	10	SE	S	Bm(5合目),AS 4.8 (O), 30.0(D)
1028	0304	X	3	10	S	S	Bm(6合目),AS 3.0 (O), 15.3(D)
1028	0314	X	3	14	S	S	Bm(5合目),AS 3.3 (O), 13.6(D)
1028	0347	X	3	10	S	S	Bm(5合目),AS 5.3 (O), 27.1(D)
1028	0418	X	3	14	S	S	Bm(5合目),AS 3.3 (O), 17.5(D)
1028	1042	GW	3	13	T	S	AS 3.8 (O), 24.6(D)
1028	1547	GW	3	14	T	S	Bm(6合目),AS 7.7 (O), 50.9(D)
1028	1559	GW	2	8	E	S	Bm(6合目),AS 3.2 (O), 19.3(D)
1028	1631	GW	3	10	T	S	Bm(5合目),AS 5.4 (O), 31.3(D)
1028	1707	GW	3	10	T	S	AS 2.7 (O), 16.6(D)
1028	1733	GW	X	>6	T	S	Bm(5合目),AS 4.1 (O), 25.9(D)
1028	1759	GW	3	13	T	S	Bm(5合目),AS 4.9 (O), 30.2(D)
1029	0330	X	X	>5	T	S	Bm(5合目),AS 5.7 (O), 39.8(D)
1029	0532	X	3	10	SE	S	Bm(6合目),AS 5.1 (O), 22.9(D)
1029	0539	X	3	10	SE	S	Bm(5合目),AS 5.0 (O), 23.0(D)
1029	0605	GW	3	10	S	S	Bm(6合目),AS 5.8 (O), 31.2(D)
1029	0626	GW	3	15	S	S	Bm(6合目),AS 6.9 (O), 38.5(D)
1029	1113	GW	3	15	T	S	Bm(5合目),AS 5.2 (O), 27.5(D)
1029	1438	GW	3	13	S	S	Bm(5合目),AS 10.1(O), 50.8(D)
1029	1453	GW	3	14	S	S	Bm(5合目),AS 7.3 (O), 33.5(D)
1029	1622	GW	3	10	S	S	Bm(4合目),AS 9.8 (O), 49.2(D)
1029	1657	GW	3	16	S	S	Bm(5合目),AS 3.3 (O), 18.0(D)
1029	2007	X	3	18	S	S	Bm(5合目),AS 5.5 (O), 17.9(D)
1030	0233	X	3	11	S	S	Bm(6合目),AS 3.5 (O), 14.6(D)
1030	0340	X	3	12	S	S	Bm(6合目),AS 5.4 (O), 23.8(D)
1030	0441	X	3	10	S	S	Bm(5合目),AS 6.9 (O), 24.4(D)
1030	0602	X	3	10	SW	S	Bm(6合目),AS 8.5 (O), 25.1(D)
1030	0622	GW	3	12	SW	S	Bm(6合目),AS 6.4 (O), 20.4(D)
1030	0954	GW	3	12	SW	S	Bm(5合目),AS 8.9 (O), 30.4(D)
1030	1147	GW	3	10	W	S	Bm(6合目),AS 4.2 (O), 15.5(D)
1030	1743	GW	3	10	SW	S	Bm(6合目),AS 2.7 (O), 13.6(D)
1030	1833	X	3	10	W	S	Bm(6合目),AS 2.7 (O), 16.8(D)
1030	1844	X	3	12	W	S	Bm(5合目),AS 1.9 (O), 9.8(D)
1030	2044	X	3	14	W	S	Bm(6合目),AS 13.8(D), 5.3(A)
1031	0618	GW	3	14	NW	S	Bm(5合目),AS 3.2 (O), 10.4(D)
1031	0749	GW	3	12	NW	S	AS 3.4 (O), 15.0(D)
1031	1412	GW	3	13	N	S	Bm(6合目),AS 8.6 (O), 30.6(D)
1031	1459	GW	3	10	NE	S	Bm(6合目),AS 20.7(D), 6.3(A)
1031	1635	GW	3	10	N	S	Bm(5合目),AS 25.6(D), 6.6(A)
1031	2323	GW	3	10	NE	S	Bm(5合目),AS 2.5 (O), 18.8(D)

臨時観測 平成21年(2009年)10月 Extra Observation in October,2009

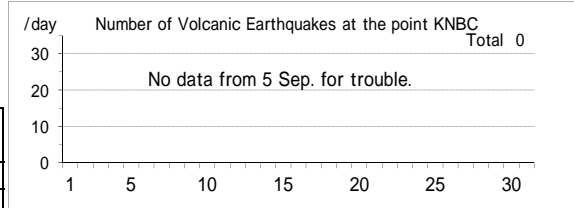
(1)倶多楽

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)	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:KNBC (N42°30.1' E141°7.4' H570m)

Kuttara: October,2009



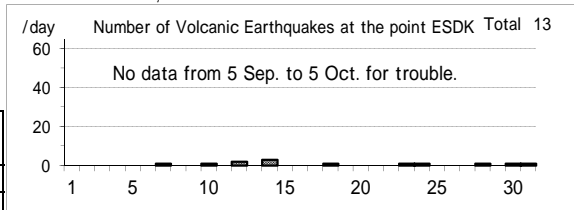
(2)恵山

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)	13	3 (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: ESDK (N41°48.7' E141°9.7' H369m)

Esan: October,2009



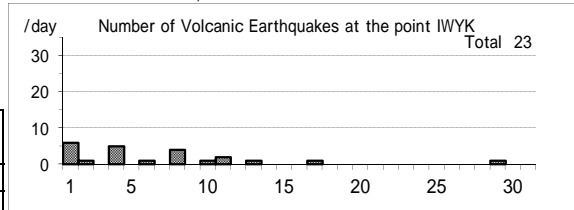
(3)岩手山

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)	23	6 (1)
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: October,2009



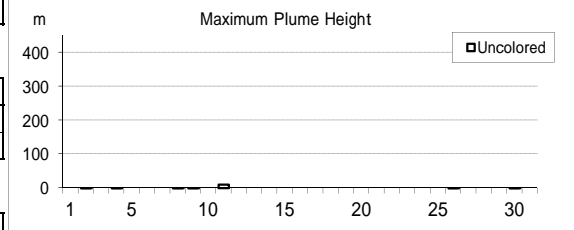
遠望観測(Visual Observation)	最大(起日) max (date)
噴煙量(Quantity of plumes) (JMA's scale)	1 (11)
噴煙の高さ(Height of plumes) (m)	10 (11)

噴煙の色(Color of plumes)	W
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.



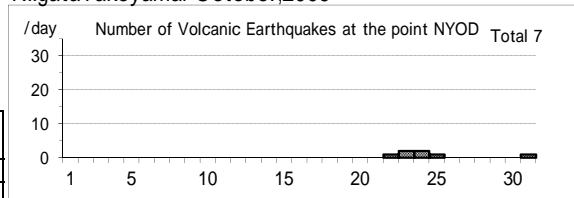
(4)新潟焼山

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)	7	2 (23,24)
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: October,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

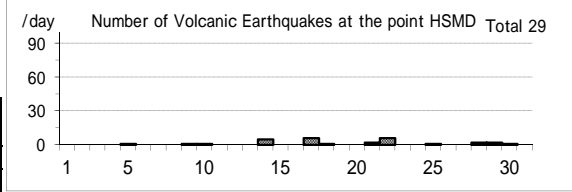
震動観測(Seismic Observation)

Observation Point: HSMD

	月計 total	最大(起日) max (date)
火山性地震回数(Number of volcanic earthquakes)	29	6 (17,22)
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: HSMD (N36°8.8' E136°45.9' H2,345m)

Hakusan: October,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

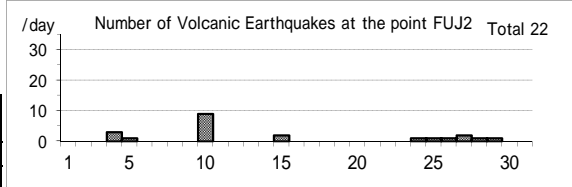
震動観測(Seismic Observation)

Observation Point: FUJ2

	月計 total	最大(起日) max (date)
火山性地震回数(Number of volcanic earthquakes)	22	9 (10)
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: October,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

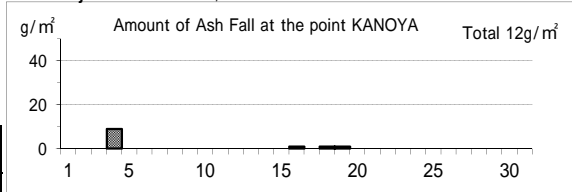
Date: daily (a.m. 0900)

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)	12	9 (4)

Sakurajima: October,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)	3070	135 (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: ST11 (N30°47.3' E130°18.1' H380m)

遠望観測(Visual Observation)

最大(起日) max (date)

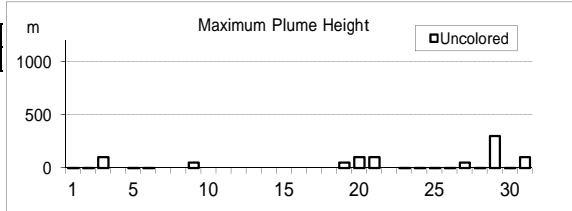
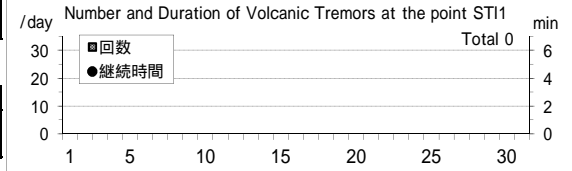
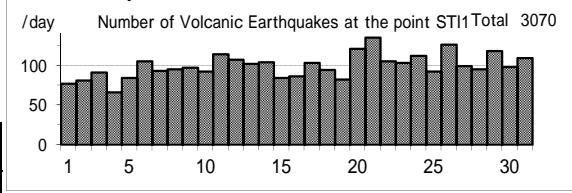
噴煙量(Quantity of plumes) (JMA's scale)	1 (abbr.)
噴煙の高さ(Height of plumes) (m)	300 (29)

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: October,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)	131	12 (1,18)
火山性微動回数(Number of volcanic tremors)	32	8 (4)
微動継続時間(Duration of volcanic tremors) (min.)	33	10 (4)

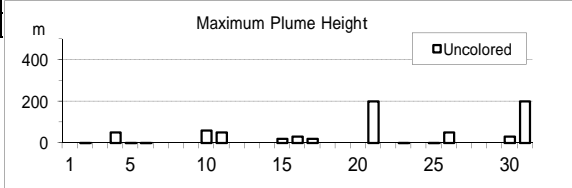
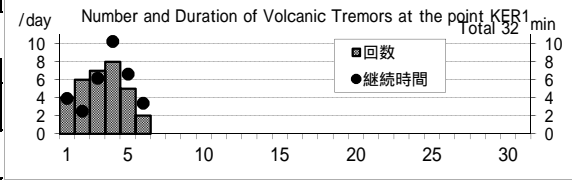
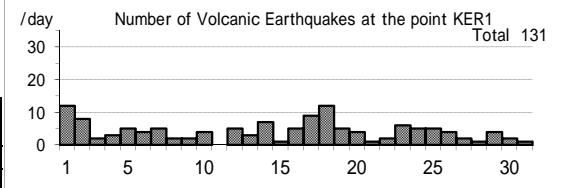
Note: KER1 (N30°26.9' E130°12.9' H566m)

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)	200 (21,31)

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: October,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)	305	37 (20)
火山性微動回数(Number of volcanic tremors)	129	27 (21)
微動継続時間(Duration of volcanic tremors) (min.)	645	115 (23)

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)	8	4 (1)

	最大(起日) max (date)
噴煙量(Quantity of plumes) (JMA's scale)	2 (1,10)
噴煙の高さ(Height of plumes) (m)	600 (10)

噴煙の色(Color of plumes)	W,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: October,2009

