

# 火山観測 Summary of Observations on Volcanoes

## 常時観測 平成27年(2015年)12月

### Continuous Observation in December,2015

#### (1)アトサヌプリ

##### 震動観測(Seismic Observation)

Observation Point: AAT2	月計 total	最大(起日) max (date)
火山性地震回数(Number of volcanic earthquakes)	3	1 (8,9,16)
火山性微動回数(Number of volcanic tremors)	-	-
微動継続時間(Duration of volcanic tremors) (min.)	-	-

Note: AAT2 (N43°37.11' E144°27.01' H156m)

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

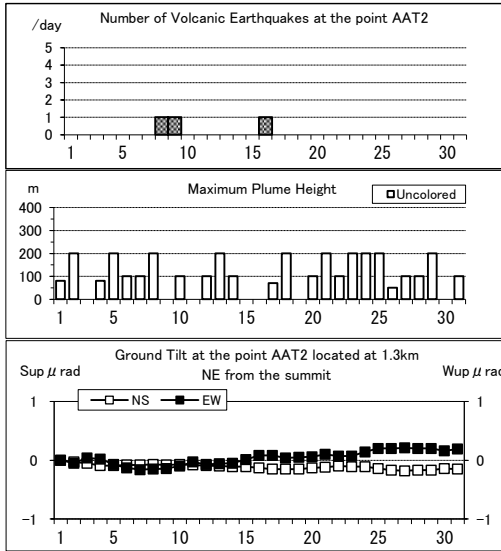
Note: Plumes were from Upper part of F1 Fumaroles(Location U),

Middle part of F1 Fumaroles(M) Lower part of F1 Fumaroles(L) and/or F2 Fumaroles(F)

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

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

#### Atosanupuri: December,2015



#### (2)雌阿寒岳

##### 震動観測(Seismic Observation)

Observation Point: MEAB	月計 total	最大(起日) max (date)
火山性地震回数(Number of volcanic earthquakes)	164	10 (6,29)
火山性微動回数(Number of volcanic tremors)	-	-
微動継続時間(Duration of volcanic tremors) (min.)	-	-

Note: MEAB (N43°22.78' E143°58.65' H680m)

##### 遠望観測(Visual Observation)

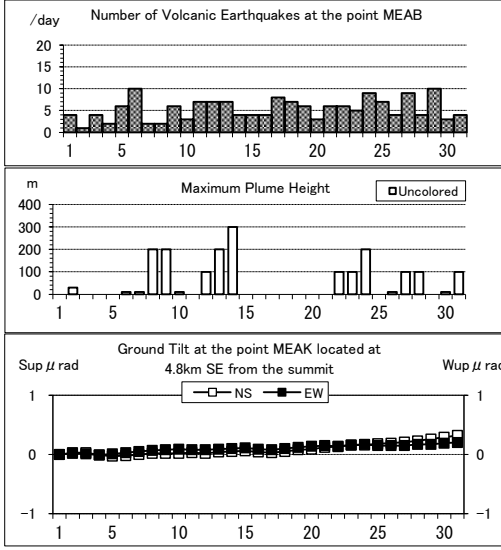
	最大(起日) max (date)
噴煙量(Quantity of plumes) (JMA's scale)	1 (abbr.)
噴煙の高さ(Height of plumes) (m)	300 (14)
噴煙の色(Color of plumes)	W
他の火山現象(Other volcanic phenomena)	-

Note: Plumes were from the Pommachineshiri Summit Crater(LocationT), 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.

#### Meakandake: December,2015



#### (3)大雪山

##### 震動観測(Seismic Observation)

Observation Point: TIAE	月計 total	最大(起日) max (date)
火山性地震回数(Number of volcanic earthquakes)	21	5 (31)
火山性微動回数(Number of volcanic tremors)	-	-
微動継続時間(Duration of volcanic tremors) (min.)	-	-

Note: TIAE (N43°39.66' E142°49.62' H1607m)

##### 遠望観測(Visual Observation)

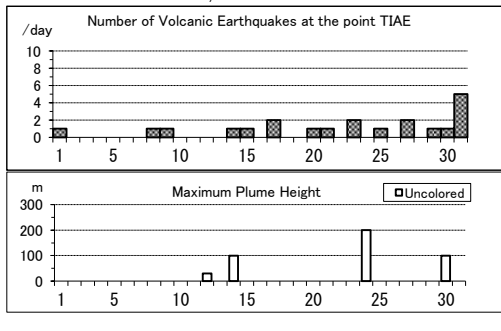
	最大(起日) max (date)
噴煙量(Quantity of plumes) (JMA's scale)	1 (abbr.)
噴煙の高さ(Height of plumes) (m)	200 (24)
噴煙の色(Color of plumes)	W
他の火山現象(Other volcanic phenomena)	-

Note: Plumes were from I Fumaroles(Location I)

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

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

#### Taisetsuzan:December,2015



(4)十勝岳

震動観測(Seismic Observation)

Observation Point: TOKH	月計	最大(起日)
	total	max (date)
火山性地震回数(Number of volcanic earthquakes)	83	11 (16)
火山性微動回数(Number of volcanic tremors)	-	-
微動継続時間(Duration of volcanic tremors) (min.)	-	-

Note: TOKH (N43 25.96' E142 40.15' H1355m)

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)	200 (24)

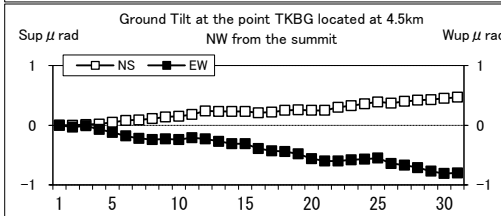
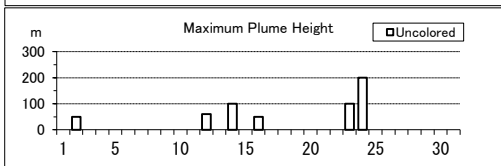
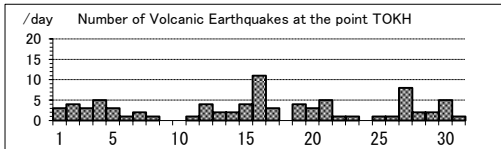
噴煙の色(Color of plumes)	W
他の火山現象(Other volcanic phenomena)	-

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.

Tokachidake: December,2015



(5)樽前山

震動観測(Seismic Observation)

Observation Point: TARC	月計	最大(起日)
	total	max (date)
火山性地震回数(Number of volcanic earthquakes)	40	4 (15,24)
火山性微動回数(Number of volcanic tremors)	-	-
微動継続時間(Duration of volcanic tremors) (min.)	-	-

Note: TARC (N42 42.23' E141 22.64' H638m)

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)	100 (30)

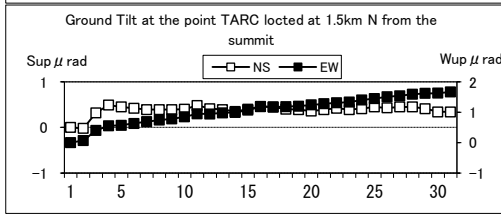
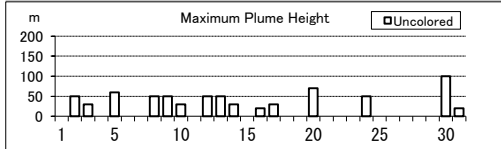
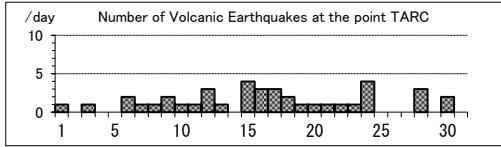
噴煙の色(Color of plumes)	W
他の火山現象(Other volcanic phenomena)	-

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.

Tarumasan: December,2015



(6)倶多楽

震動観測(Seismic Observation)

Observation Point: KUJG	月計	最大(起日)
	total	max (date)
火山性地震回数(Number of volcanic earthquakes)	1	1 (23)
火山性微動回数(Number of volcanic tremors)	-	-
微動継続時間(Duration of volcanic tremors) (min.)	-	-

Note:KUJG (N42 29.50' E141 07.68' H327m)

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)	40 (2,7,17)

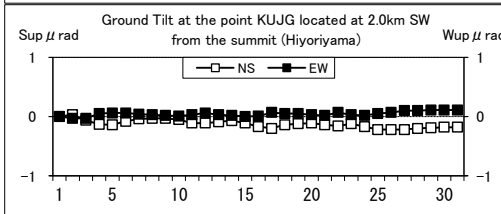
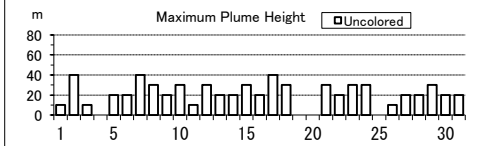
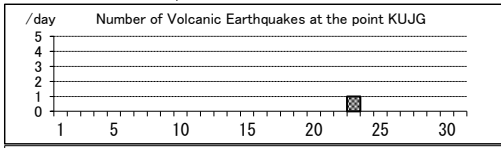
噴煙の色(Color of plumes)	W
他の火山現象(Other volcanic phenomena)	-

Note: Plumes were from Hiyoriyama Fumarole(Location H)

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

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

Kuttara: December,2015



(7)有珠山

震動観測(Seismic Observation)

Observation Point: USUA	月計	最大(起日)
	total	max (date)
火山性地震回数(Number of volcanic earthquakes)	21	3 (1,8)
火山性微動回数(Number of volcanic tremors)	-	-
微動継続時間(Duration of volcanic tremors) (min.)	-	-

Note: USUA (N42°31.70' E140°50.17' 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)	-

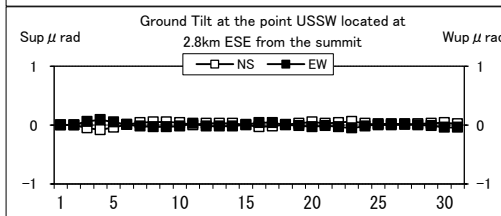
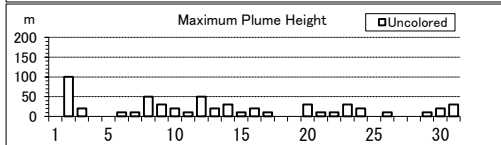
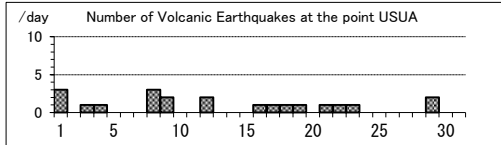
Note: Plumes were from the Summit Area of Usuzan(Location P).

Mt.showa-shinzan(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: December,2015



(8)北海道駒ヶ岳

震動観測(Seismic Observation)

Observation Point: KOMA	月計	最大(起日)
	total	max (date)
火山性地震回数(Number of volcanic earthquakes)	1	1 (23)
火山性微動回数(Number of volcanic tremors)	-	-
微動継続時間(Duration of volcanic tremors) (min.)	-	-

Note: KOMA (N42°03.19' E140°38.29' 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)	-

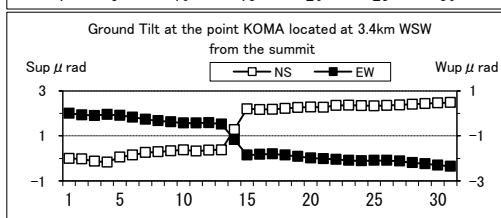
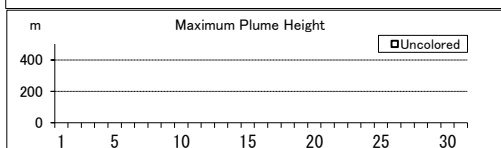
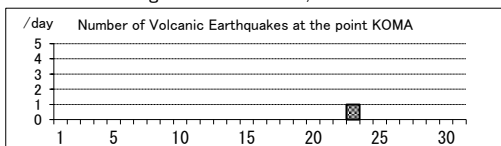
噴煙の色(Color of plumes)	-
他の火山現象(Other volcanic phenomena)	-

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: December,2015



(9)恵山

震動観測(Seismic Observation)

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

Note: ESDK (N41°48.69' E141°09.73' H369m)

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 (8,12,18)

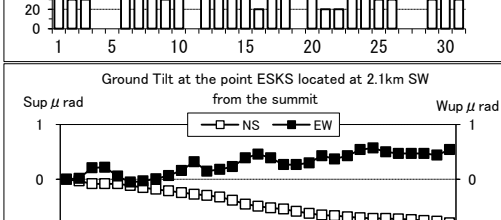
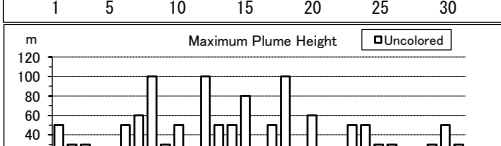
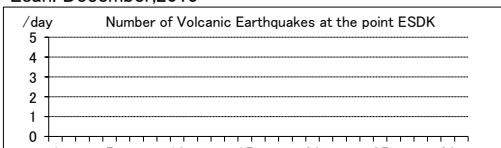
噴煙の色(Color of plumes)	W
他の火山現象(Other volcanic phenomena)	-

Note: Plumes were from X Crater(Location x), Y Crater(Y)

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

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

Esan: December,2015



(10)岩木山

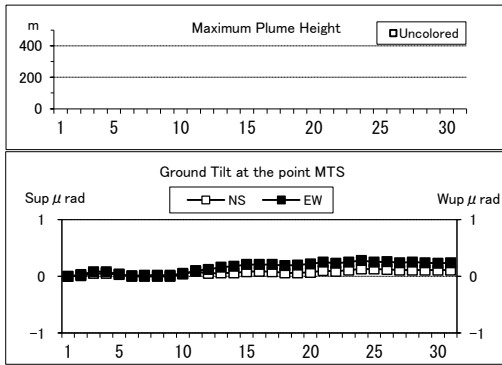
遠望観測(Visual Observation)		最大(起日) max (date)
噴煙量(Quantity of plumes) (JMA's scale)		-
噴煙の高さ(Height of plumes) (m)		-
噴煙の色(Color of plumes)		-
他の火山現象(Other volcanic phenomena)		-

Note: Plumes were from Iwaki Summit

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

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

Iwakisani: December,2015



(11)秋田焼山

震動観測(Seismic Observation)		月計 total	最大(起日) max (date)
Observation Point: AYBN			
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)		-	-
微動継続時間(Duration of volcanic tremors) (min.)		-	-

Note: AYBN (N39 56.72' E140 43.17' H738m)

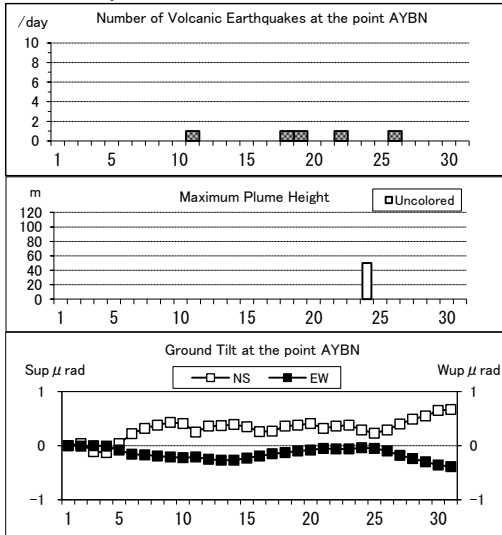
遠望観測(Visual Observation)		最大(起日) max (date)
噴煙量(Quantity of plumes) (JMA's scale)		1 (24)
噴煙の高さ(Height of plumes) (m)		50 (24)
噴煙の色(Color of plumes)		W
他の火山現象(Other volcanic phenomena)		-

Note: Plumes were from Yakeyama Summit

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

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

Akita-Yakeyama : December,2015



(12)岩手山

震動観測(Seismic Observation)		月計 total	最大(起日) max (date)
Observation Point: UMG2, NIWMV(NIED)			
火山性地震回数(Number of volcanic earthquakes)		25	7 (26)
火山性微動回数(Number of volcanic tremors)		-	-
微動継続時間(Duration of volcanic tremors) (min.)		-	-

Note:UMG2 (N39 49.94' E141 02.45' H609m), NIWMV(NIED) (N39 53.01' E140 56.14' H804m)

遠望観測(Visual Observation)		最大(起日) max (date)
噴煙量(Quantity of plumes) (JMA's scale)		1 (7,8)
噴煙の高さ(Height of plumes) (m)		30 (7)

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

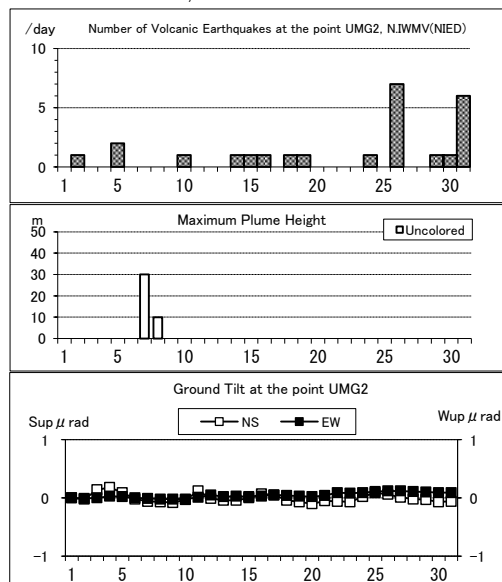
Note: Plumes were from the Kurokurayama Summit(Location x), the Ojigokudani(Y-6)

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

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

\*Uncolored plumes mean only White(W) color since 1st April, 2010.

Iwatesani: December,2015



(13)秋田駒ヶ岳

震動観測(Seismic Observation)

Observation Point: AKHC	月計	最大(起日)
	total	max (date)
火山性地震回数(Number of volcanic earthquakes)	27	12 (24)
火山性微動回数(Number of volcanic tremors)	-	-
微動継続時間(Duration of volcanic tremors) (min.)	-	-

Note: AKHC (N39 46.08' E140 48.41' H1304m)

遠望観測(Visual Observation)

	最大(起日) max (date)
噴煙量(Quantity of plumes) (JMA's scale)	1 (10,14,24)
噴煙の高さ(Height of plumes) (m)	10 (10,14,24)

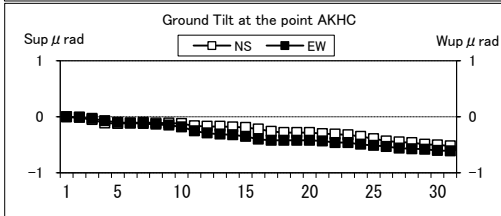
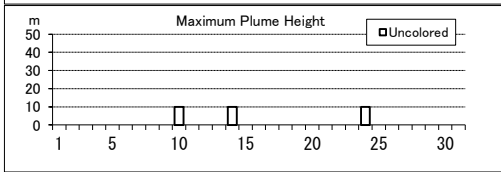
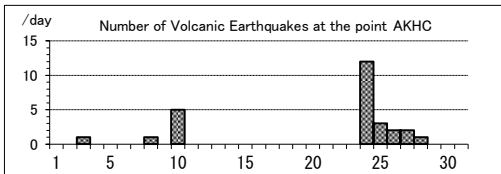
噴煙の色(Color of plumes)	W
他の火山現象(Other volcanic phenomena)	-

Note: Plumes were from Medake Summit(Location Z-1a), Geothermal area on the N part of Medake Summit(Z-1b), W part of Medake Summit(Z-1c), Geothermal area on the NE slope of Medake Summit(Z-1d) and/or Crater on the E part of Medake Summit(Z-1e)

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

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

Akita-Komagatake: December,2015



(14)鳥海山

震動観測(Seismic Observation)

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

Note: CHKN (N39'07.75' E139'56.36' H3355m)

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)	-

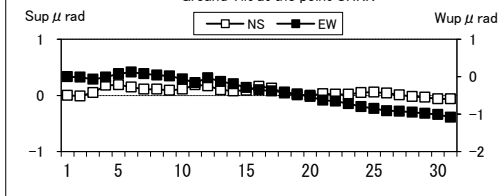
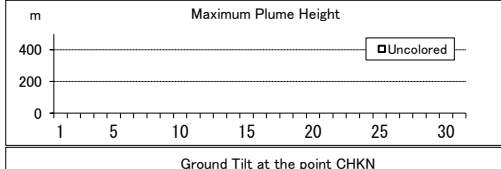
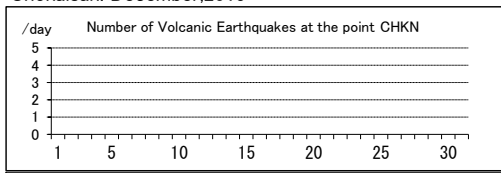
噴煙の色(Color of plumes)	-
他の火山現象(Other volcanic phenomena)	-

Note: Plumes were from Shin Summit(Location Y)

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

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

Chokaisan: December,2015



(15)栗駒山

震動観測(Seismic Observation)

Observation Point: KRK2	月計	最大(起日)
	total	max (date)
火山性地震回数(Number of volcanic earthquakes)	1	1 (17)
火山性微動回数(Number of volcanic tremors)	-	-
微動継続時間(Duration of volcanic tremors) (min.)	-	-

Note: KRK2 (N38 56.45' E140 49.08' H840m)

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)	-

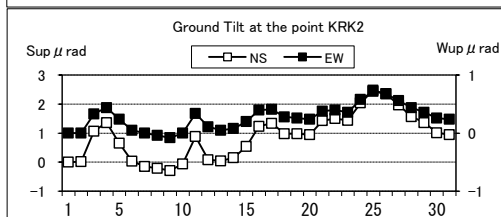
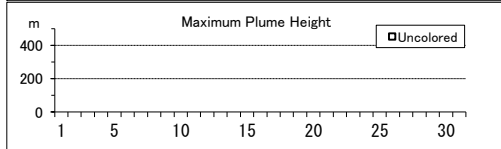
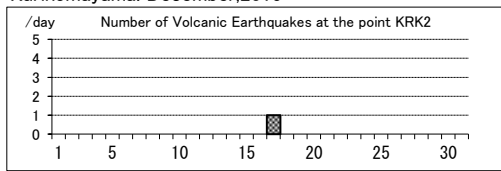
噴煙の色(Color of plumes)	-
他の火山現象(Other volcanic phenomena)	-

Note: Plumes were from Showa Lake(Location Z-1),Old Crater (W-1)

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

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

Kurikomayama: December,2015



(16)蔵王山

震動観測(Seismic Observation)

Observation Point: ZABD	月計	最大(起日)
	total	max (date)
火山性地震回数(Number of volcanic earthquakes)	3	3 (17)
火山性微動回数(Number of volcanic tremors)	1	1 (8)
微動継続時間(Duration of volcanic tremors) (min.)	5	5 (8)

Note: ZABD (N38°07.33' E140°23.69' H1012m)

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)	-

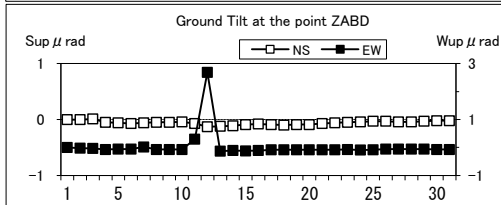
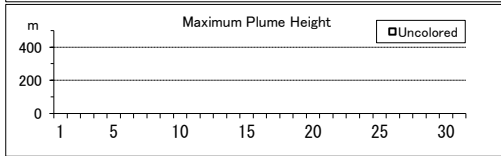
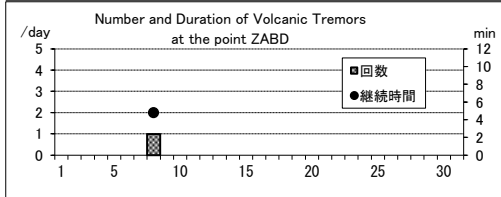
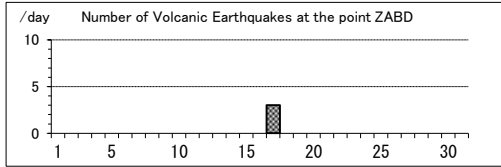
噴煙の色(Color of plumes)	-
他の火山現象(Other volcanic phenomena)	-

Note: Plumes were from Okama(Location S-1b),Maruyamasawa(Y-2a)

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

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

Zaozan: December,2015



(17)吾妻山

震動観測(Seismic Observation)

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

Note: AZMA (N37°43.34' E140°16.53' H1295m)

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 (12,31)

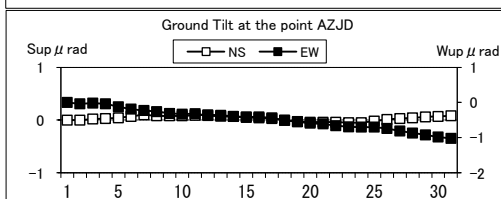
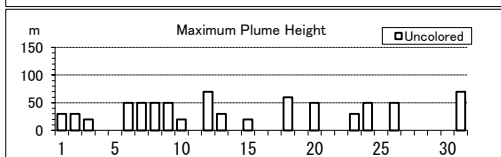
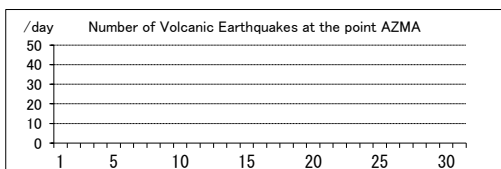
噴煙の色(Color of plumes)	W
他の火山現象(Other volcanic phenomena)	-

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: December,2015



(18)安達太良山

震動観測(Seismic Observation)

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

Note: ADTB(N37°38.05' E140°18.21' H1320m)

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)	-

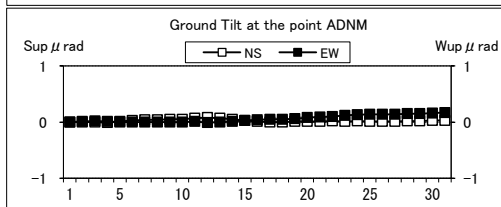
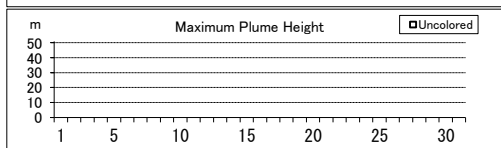
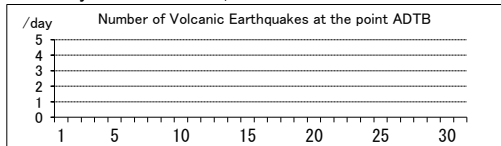
噴煙の色(Color of plumes)	-
他の火山現象(Other volcanic phenomena)	-

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)

Adatarayama: December,2015



(19)磐梯山

震動観測(Seismic Observation)

Observation Point: BND A	月計	最大(起日)
	total	max (date)
火山性地震回数(Number of volcanic earthquakes)	11	4 (14)
火山性微動回数(Number of volcanic tremors)	-	-
微動継続時間(Duration of volcanic tremors) (min.)	-	-

Note: BND A(N37°35.04' E140°04.79' H1000m)

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)	50 (26)

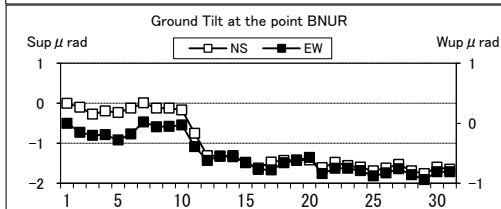
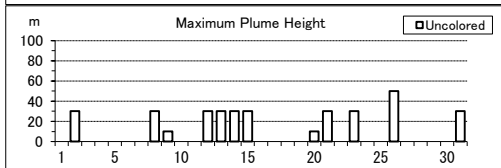
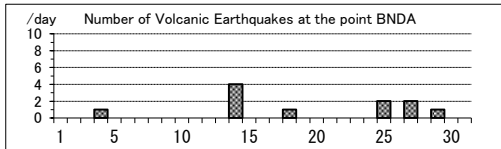
噴煙の色(Color of plumes)	W
他の火山現象(Other volcanic phenomena)	-

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: December,2015



(20)那須岳

震動観測(Seismic Observation)

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

Note: NSUA (N37°06.38' E139°59.44' H1083m)

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 (12.26.31)

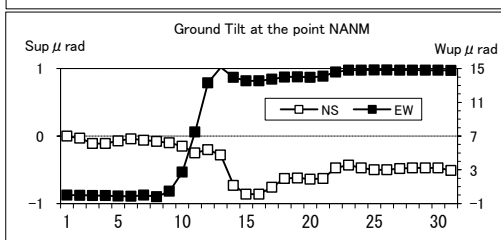
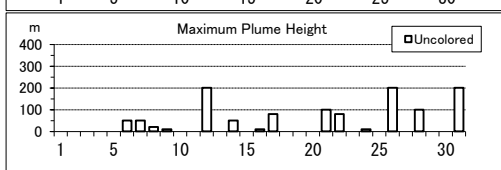
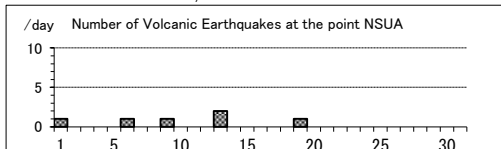
噴煙の色(Color of plumes)	W
他の火山現象(Other volcanic phenomena)	-

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: December,2015



(21)日光白根山

震動観測(Seismic Observation)

Observation Point: NSYG	月計	最大(起日)
	total	max (date)
火山性地震回数(Number of volcanic earthquakes)	6	2 (2.23)
火山性微動回数(Number of volcanic tremors)	-	-
微動継続時間(Duration of volcanic tremors) (min.)	-	-

Note: NSYG (N36°48.22' E139°24.46' H1642m)

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)	-

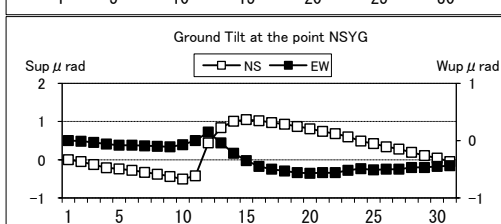
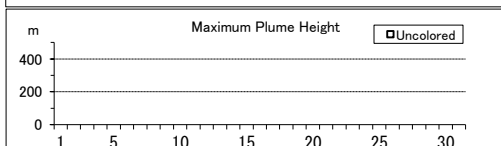
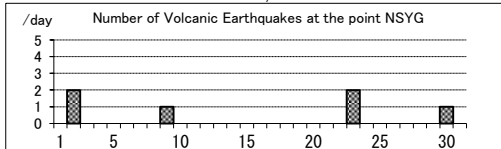
噴煙の色(Color of plumes)	-
他の火山現象(Other volcanic phenomena)	-

Note: Plumes were from Summit Area of Nikko-Shiranesan(Location A)

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

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

Nikko-Shiranesan: December,2015



(22)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)	24	3 (20,28)
火山性微動回数(Number of volcanic tremors)	-	-
微動継続時間(Duration of volcanic tremors) (min.)	-	-

Note: KSHA (N36°38.88' E138°32.73' H1933m)

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)	-

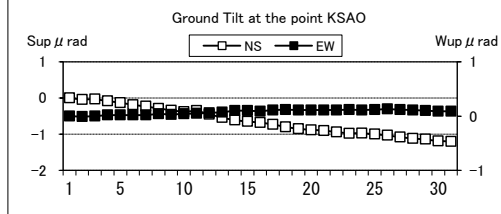
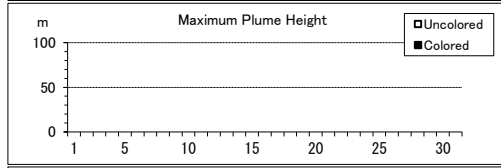
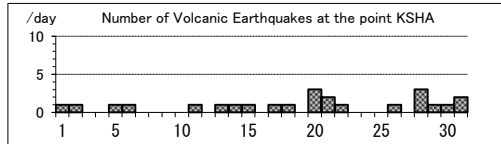
噴煙の色(Color of plumes)	-
他の火山現象(Other volcanic phenomena)	-

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: December,2015



(23)浅間山

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)	1251	69 (8)
火山性微動回数(Number of volcanic tremors)	-	-
微動継続時間(Duration of volcanic tremors) (min.)	-	-

Note: ASMB (N36°23.37' E138°31.13' H1864m)

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 (abbr.)

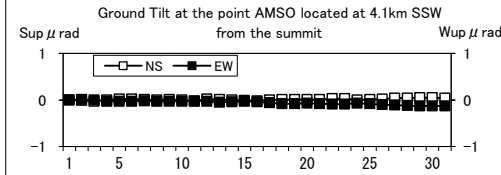
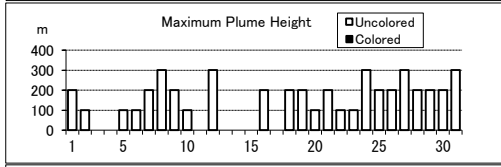
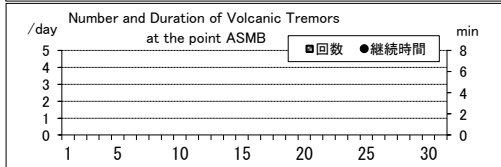
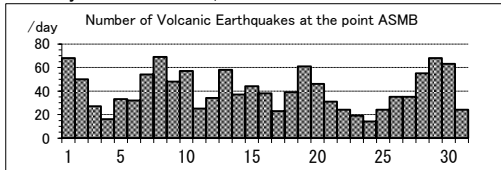
噴煙の色(Color of plumes)	W
他の火山現象(Other volcanic phenomena)	GI

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: December,2015





(24)新潟焼山

震動観測(Seismic Observation)

Observation Point: NYK2	月計	最大(起日)
	total	max (date)
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)	-	-
微動継続時間(Duration of volcanic tremors) (min.)	-	-

Note: NYK2 (N36 57.35' E138 02.29' H1147m)

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)

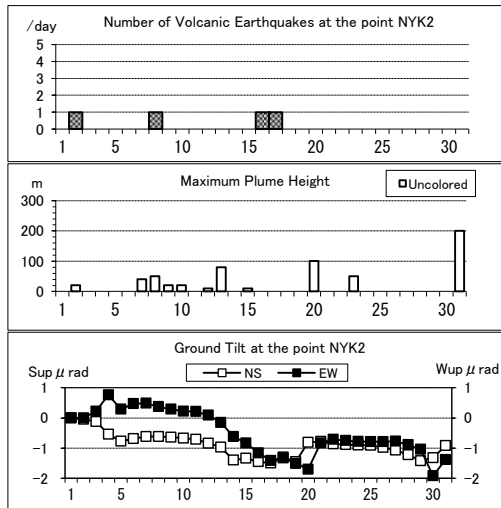
噴煙の色(Color of plumes)	W
他の火山現象(Other volcanic phenomena)	-

Note: Plumes were from Upper East flank(Location A).

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

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

Niigata-Yakeyama: December,2015



(25)焼岳

震動観測(Seismic Observation)

Observation Point: YKN2	月計	最大(起日)
	total	max (date)
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)	-	-
微動継続時間(Duration of volcanic tremors) (min.)	-	-

Note: YKN2 (N36 15.67' E137 34.45' H1151m)

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)	60 (14)

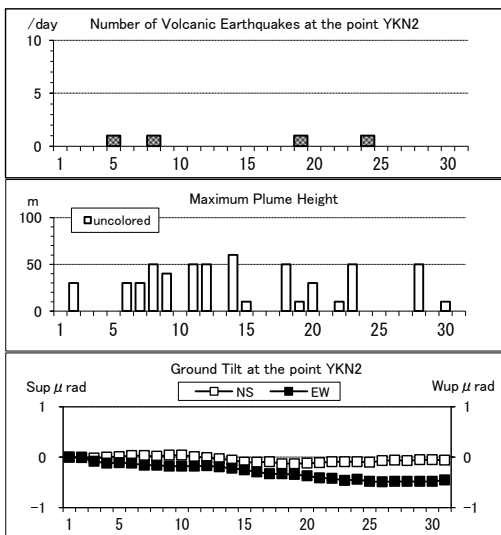
噴煙の色(Color of plumes)	W
他の火山現象(Other volcanic phenomena)	-

Note: Plumes were from the North peak (Location A) and the upper Iwatsubodani (Location B).

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

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

Yakedake December,2015



(26)乗鞍岳

震動観測(Seismic Observation)

Observation Point: NOSM	月計	最大(起日)
	total	max (date)
火山性地震回数(Number of volcanic earthquakes)	12	3 (8,29)
火山性微動回数(Number of volcanic tremors)	-	-
微動継続時間(Duration of volcanic tremors) (min.)	-	-

Note: NOSM (N36 06.85' E137 35.81' H1804m)

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)	-

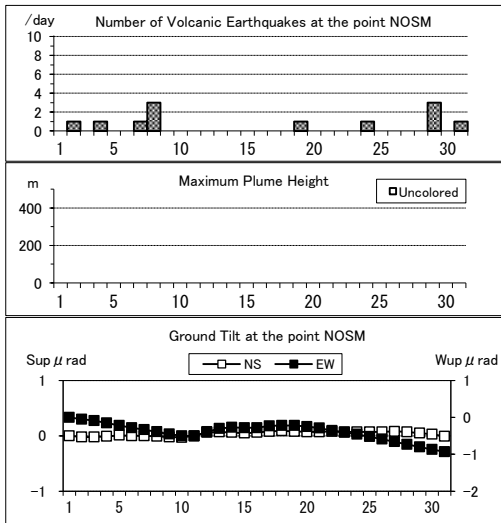
噴煙の色(Color of plumes)	-
他の火山現象(Other volcanic phenomena)	-

Note: Plumes were from Summit Crater(Location A).

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

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

Norikuradake: December,2015



(27)御嶽山

震動観測(Seismic Observation)

Observation Point: ONTA	月計	最大(起日)
	total	max (date)
火山性地震回数(Number of volcanic earthquakes)	60	6 (10)
火山性微動回数(Number of volcanic tremors)	-	-
微動継続時間(Duration of volcanic tremors) (min.)	-	-

Note: ONTA (N35°52.61' E137°29.73' H2228m)

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 (7,8,24)

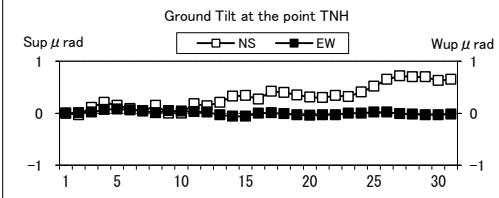
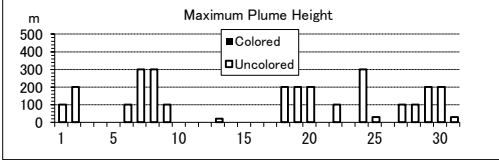
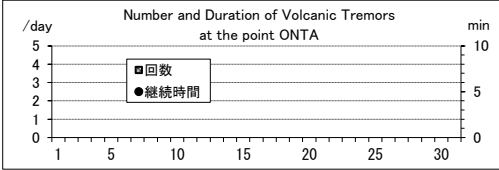
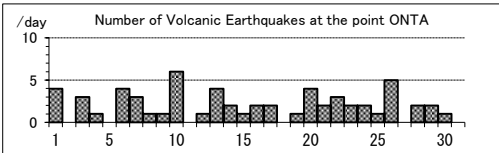
噴煙の色(Color of plumes)	W
他の火山現象(Other volcanic phenomena)	-

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: December,2015



(28)白山

震動観測(Seismic Observation)

Observation Point: HSMD	月計	最大(起日)
	total	max (date)
火山性地震回数(Number of volcanic earthquakes)	53	18 (1)
火山性微動回数(Number of volcanic tremors)	-	-
微動継続時間(Duration of volcanic tremors) (min.)	-	-

Note: HSMD (N36°08.78' E136°45.86' H2345m)

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)	-

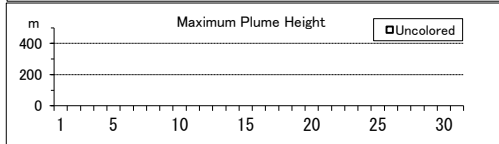
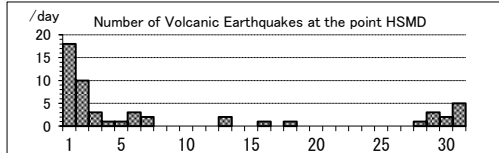
噴煙の色(Color of plumes)	-
他の火山現象(Other volcanic phenomena)	-

Note: Plumes were from Summit Area of Hakusan(Location A)

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

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

Hakusan: December,2015



(29)富士山

震動観測(Seismic Observation)

Observation Point: N.FJ5V(NIED)	月計	最大(起日)
	total	max (date)
火山性地震回数(Number of volcanic earthquakes)	12	3 (5,28)
火山性微動回数(Number of volcanic tremors)	-	-
微動継続時間(Duration of volcanic tremors) (min.)	-	-

Note: N.FJ5V(NIED) (N35°23.08' E138°41.72' H2090m)

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)	-

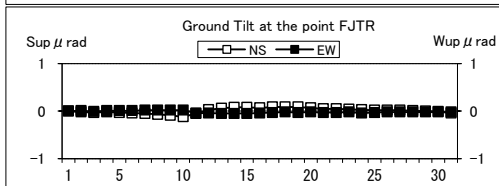
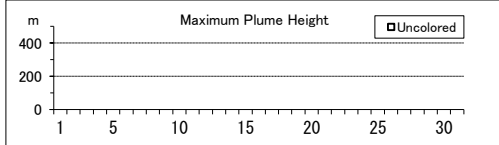
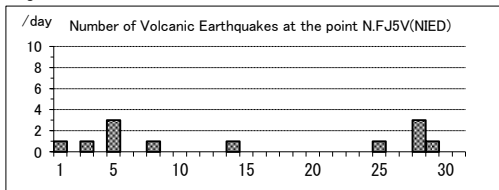
噴煙の色(Color of plumes)	-
他の火山現象(Other volcanic phenomena)	-

Note: Plumes were from Summit Crater(LocationA),Hoei Crater(B)

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

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

Fujisan: December,2015



(30)箱根山

震動観測(Seismic Observation)

Observation Point: OK.KOM	月計	最大(起日)
	total	max (date)
火山性地震回数(Number of volcanic earthquakes)	6	2 (1)
火山性微動回数(Number of volcanic tremors)	-	-
微動継続時間(Duration of volcanic tremors) (min.)	-	-

Note: OK.KOM(N35°13.2' E139°02.0' H1049m)

遠望観測(Visual Observation)

	最大(起日) max (date)
噴煙量(Quantity of plumes) (JMA's scale)	2 (28)
噴煙の高さ(Height of plumes) (m)	700 (abbr.)

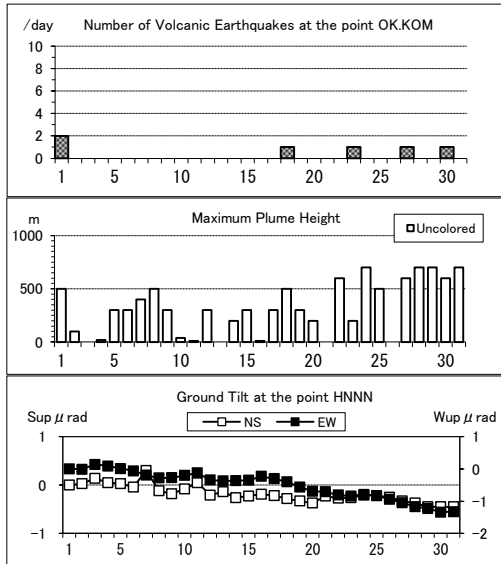
噴煙の色(Color of plumes)	W
他の火山現象(Other volcanic phenomena)	-

Note: Plumes were from Fumaroles near Owakudani(Location A), Fumaroles near Soujigoku(B)

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

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

Hakoneyama: December,2015



(31)伊豆東部火山群

震動観測(Seismic Observation)

Observation Point: ITBA.KAMAT3	月計	最大(起日)
	total	max (date)
火山性地震回数(Number of volcanic earthquakes)	18	9 (7)
火山性微動回数(Number of volcanic tremors)	-	-
微動継続時間(Duration of volcanic tremors) (min.)	-	-

Note: ITBA (N35°00.46' E139°05.87' H12m)

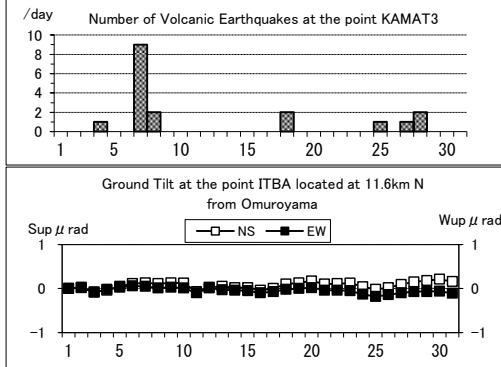
KAMAT3(N34°55.71' E139°03.65' H175m)

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 Volcanoes: December,2015



(32)伊豆大島

震動観測(Seismic Observation)

Observation Point: OSMA	月計	最大(起日)
	total	max (date)
火山性地震回数(Number of volcanic earthquakes)	76	28 (7)
火山性微動回数(Number of volcanic tremors)	-	-
微動継続時間(Duration of volcanic tremors) (min.)	-	-

Note: OSMA (N34°44.16' E139°23.21' 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)	50 (2)

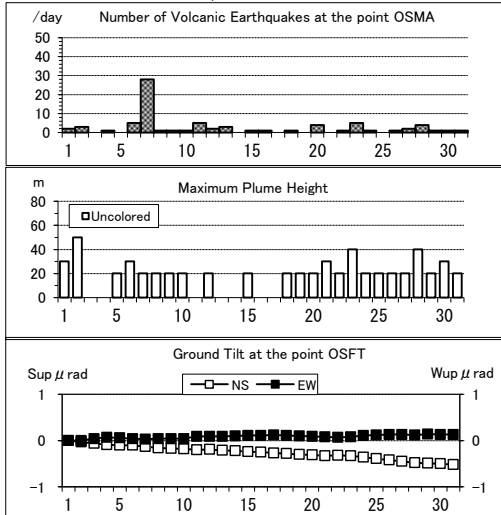
噴煙の色(Color of plumes)	W
他の火山現象(Other volcanic phenomena)	-

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: December,2015



(33)新島

震動観測(Seismic Observation)

Observation Point: NIST	月計	最大(起日)
	total	max (date)
火山性地震回数(Number of volcanic earthquakes)	8	5 (28)
火山性微動回数(Number of volcanic tremors)	-	-
微動継続時間(Duration of volcanic tremors) (min.)	-	-

Note: NIST (N34°21.76' E139°14.92' H41m)

遠望観測(Visual Observation)

最大(起日) max (date)
噴煙の高さ(Height of plumes) (m)

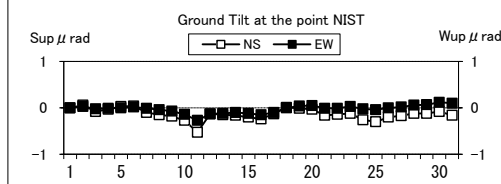
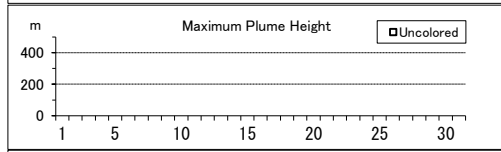
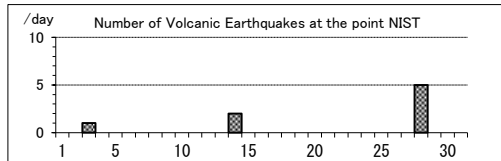
噴煙の色(Color of plumes)	-
他の火山現象(Other volcanic phenomena)	-

Note: Plumes were from Summit Area of Tangoyama(Location A)

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

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

Nijima: December,2015



(34)神津島

震動観測(Seismic Observation)

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

Note: KOTJ (N34°13.24' E139°08.91' H372m)

遠望観測(Visual Observation)

最大(起日) max (date)
噴煙の高さ(Height of plumes) (m)

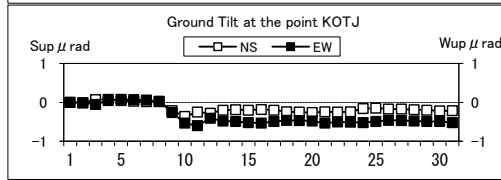
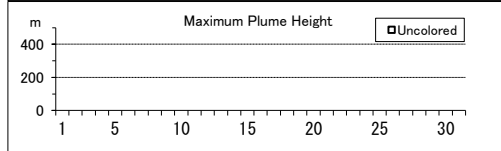
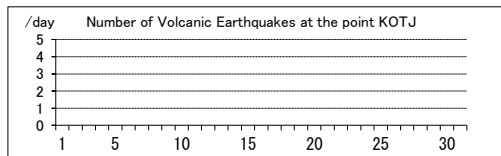
噴煙の色(Color of plumes)	-
他の火山現象(Other volcanic phenomena)	-

Note: Plumes were from Summit Area of Tenosan(Location A)

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

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

Kozushima: December,2015



(35)三宅島

震動観測(Seismic Observation)

Observation Point: MJON	月計	最大(起日)
	total	max (date)
火山性地震回数(Number of volcanic earthquakes)	123	17 (30)
火山性微動回数(Number of volcanic tremors)	24	1 (abbr.)
微動継続時間(Duration of volcanic tremors) (min.)	33278	1440 (abbr.)

Note: MJON (N34°04.38' E139°30.86' H472m)

遠望観測(Visual Observation)

最大(起日) max (date)
噴煙の高さ(Height of plumes) (m)

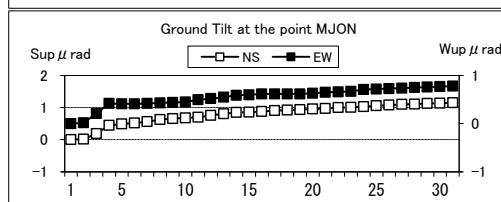
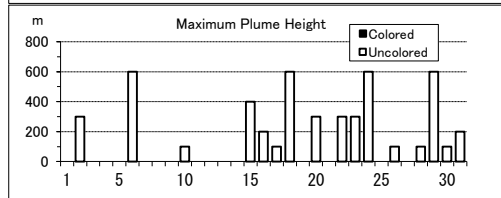
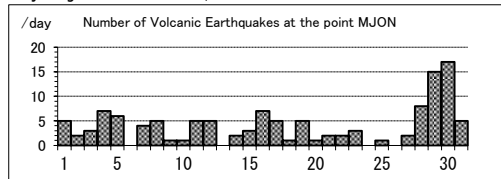
噴煙の色(Color of plumes)	W
他の火山現象(Other volcanic phenomena)	-

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: December,2015



(36)八丈島

震動観測(Seismic Observation)

Observation Point: HACHJ3	月計	最大(起日)
	total	max (date)
火山性地震回数(Number of volcanic earthquakes)	-	-
火山性微動回数(Number of volcanic tremors)	-	-
微動継続時間(Duration of volcanic tremors) (min.)	-	-

Note: HACHJ3 (N33 06.92 E139 48.83 H70m)

遠望観測(Visual Observation)

最大(起日) max (date)
噴煙の高さ(Height of plumes) (m)

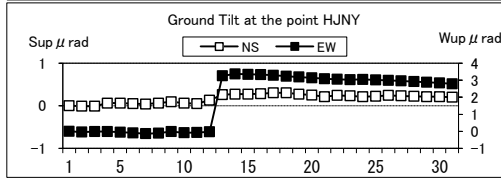
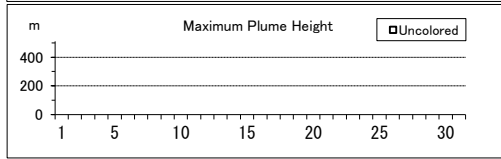
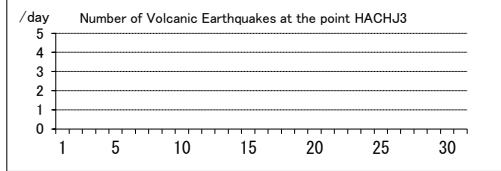
噴煙の色(Color of plumes)	-
他の火山現象(Other volcanic phenomena)	-

Note: Plumes were from Nishiyama Crater(Location A)

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

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

Hachijojima: December,2015



(37)青ヶ島

震動観測(Seismic Observation)

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

Note: AOMT (N32°28.02' E139°45.64' H273m)

遠望観測(Visual Observation)

最大(起日) max (date)
噴煙の高さ(Height of plumes) (m)

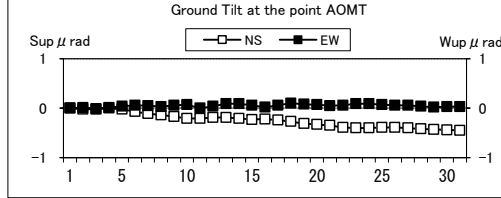
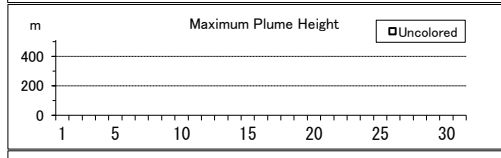
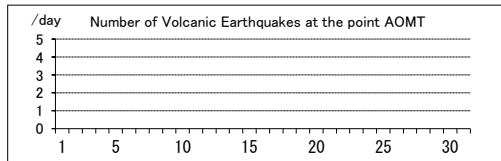
噴煙の色(Color of plumes)	-
他の火山現象(Other volcanic phenomena)	-

Note: Plumes were from Western flank of Maruyama(Location A)

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

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

Aogashima: December,2015



(38)硫黄島

震動観測(Seismic Observation)

Observation Point: IOCD	月計	最大(起日)
	total	max (date)
火山性地震回数(Number of volcanic earthquakes)	100	45 (30)
火山性微動回数(Number of volcanic tremors)	7	3 (10)
微動継続時間(Duration of volcanic tremors) (min.)	30	20 (3)

Note: IOCD (N24°46.12' E141°18.43' H72m)

遠望観測(Visual Observation)

最大(起日) max (date)
噴煙の高さ(Height of plumes) (m)

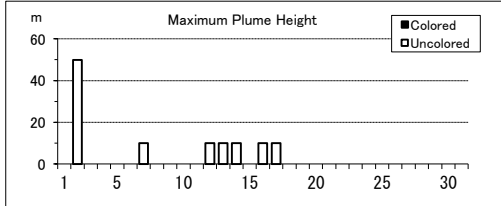
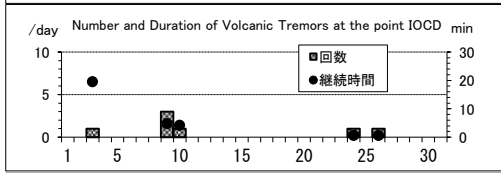
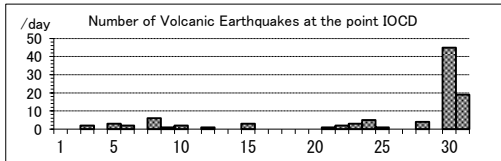
噴煙の色(Color of plumes)	W
他の火山現象(Other volcanic phenomena)	-

Note: Plumes were from Asodaikanbetsuko (Location A)and/or Idogahama (Location B)

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

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

Ioto: December,2015



(39) 鶴見岳・伽藍岳

震動観測(Seismic Observation)

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

Note: TGBP (N33°19.53' E131°27.07' H401m)

遠望観測(Visual Observation)

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

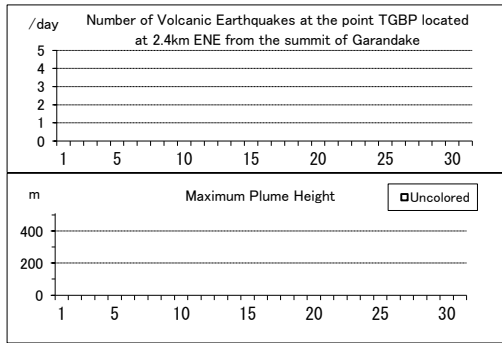
噴煙の色(Color of plumes)	-
他の火山現象(Other volcanic phenomena)	-

Note: Plumes were from RegionA and/or RegionB.

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

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

Tsurumidake and Garandake: December,2015



(40) 九重山

震動観測(Seismic Observation)

Observation Point: KJA2	月計	最大(起日)
	total	max (date)
火山性地震回数(Number of volcanic earthquakes)	4	2 (12)
火山性微動回数(Number of volcanic tremors)	-	-
微動継続時間(Duration of volcanic tremors) (min.)	-	-

Note: KJA2 (N33°06.20' E131°13.78' H1282m)

遠望観測(Visual Observation)

噴煙量(Quantity of plumes) (JMA's scale)	最大(起日)
	max (date)
噴煙の高さ(Height of plumes) (m)	100 (13,18,24)

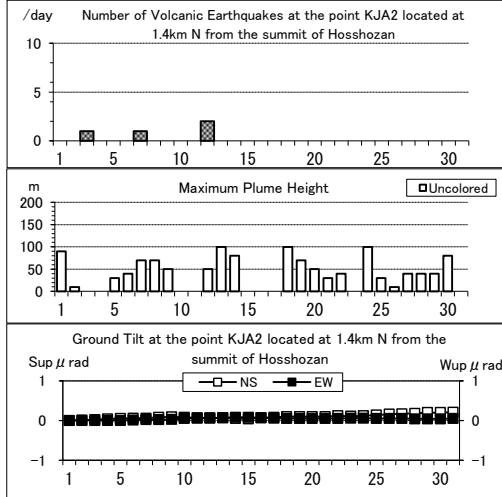
噴煙の色(Color of plumes)	W
他の火山現象(Other volcanic phenomena)	-

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: December,2015



(41)阿蘇山

震動観測(Seismic Observation)

Observation Point: ASOA	月計	最大(起日)
	total	max (date)
火山性地震回数(Number of volcanic earthquakes)	666	208 (21)
孤立型火山性微動回数 (Number of isolated volcanic tremors)	2941	352 (21)

Note: ASOA (N32°53.15' E131°04.57' H1152m)

遠望観測(Visual Observation)

	最大(起日) max (date)
噴煙量(Quantity of plumes) (JMA's scale)	2 (6,7,18)
噴煙の高さ(Height of plumes) (m)	800 (6)

噴煙の色(Color of plumes)	W,LW
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).

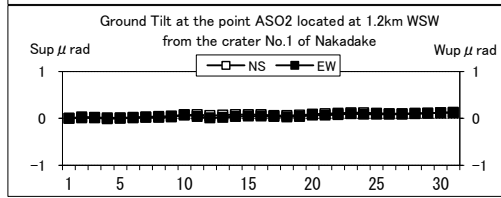
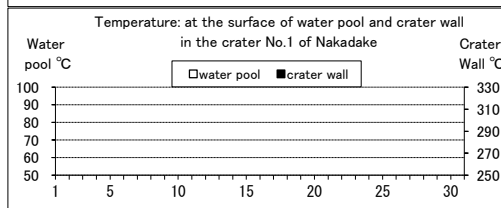
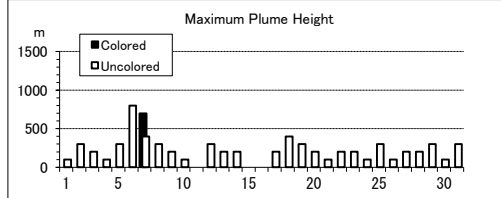
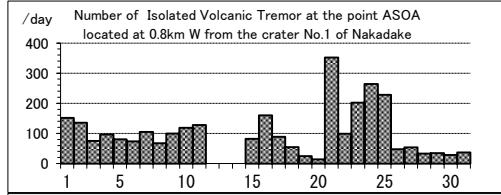
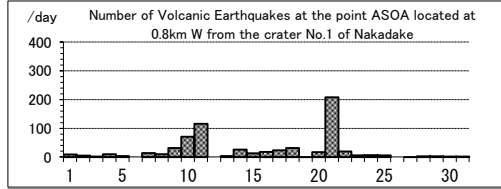
Colored:Plume color was Light white(LW), Grayish white(GW), Gray(G) and other.

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) (°C)	-
火口壁の表面温度 (Surface temperature on the crater wall) (°C)	-	-

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

Asosan: December,2015



(42)雲仙岳

震動観測(Seismic Observation)

Observation Point: UNKN	月計	最大(起日)
	total	max (date)
火山性地震回数(Number of volcanic earthquakes)	27	4 (4)
火山性微動回数(Number of volcanic tremors)	-	-
微動継続時間(Duration of volcanic tremors) (min)	-	-

Note: UNKN (N32°46.31' E130°17.31' H833m)

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 (18)

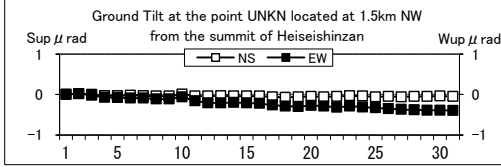
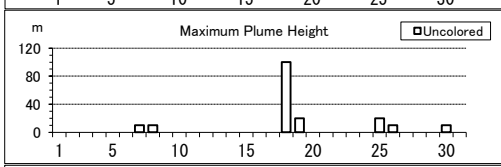
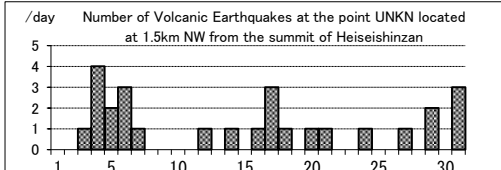
噴煙の色(Color of plumes)	W
他の火山現象(Other volcanic phenomena)	-

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: December,2015



(43)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)	69	12 (21)
火山性微動回数(Number of volcanic tremors)	-	-
微動継続時間(Duration of volcanic tremors) (min)	-	-

Note: KIRA (N31°53.89' E130°52.20' H1036m)

遠望観測(Visual Observation)

最大(起日) max (date)
噴煙の高さ(Height of plumes) (m)

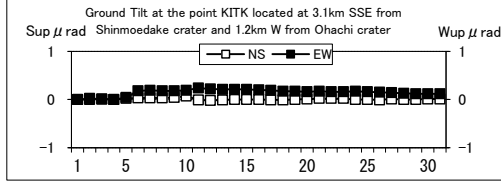
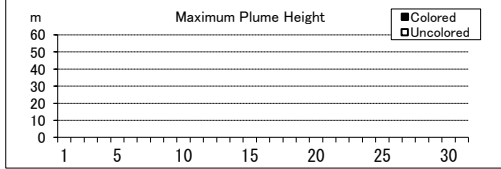
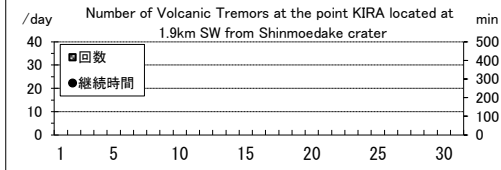
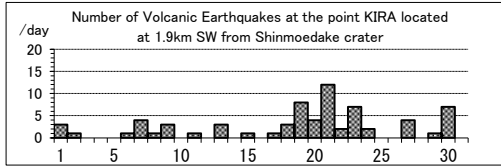
噴煙の色(Color of plumes)	-
他の火山現象(Other volcanic phenomena)	-

Note: Plumes were from the Shinmoedake Crater

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

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

Kirishimayama: December,2015



御鉢(Ohachi)

震動観測(Seismic Observation)

Observation Point: KTM2	月計	最大(起日)
	total	max (date)
火山性地震回数(Number of volcanic earthquakes)	52	10 (8)
火山性微動回数(Number of volcanic tremors)	-	-
微動継続時間(Duration of volcanic tremors) (min)	-	-

Note: KTM2 (N31°53.13' E130°55.19' H1544m)

遠望観測(Visual Observation)

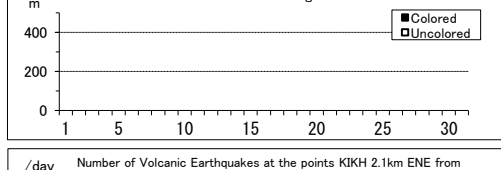
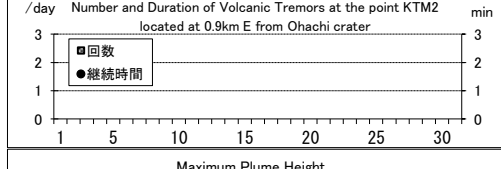
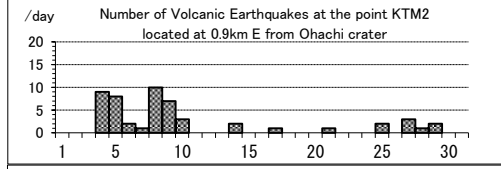
最大(起日) max (date)
噴煙量(Quantity of plumes) (JMA's scale)
噴煙の高さ(Height of plumes) (m)

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.



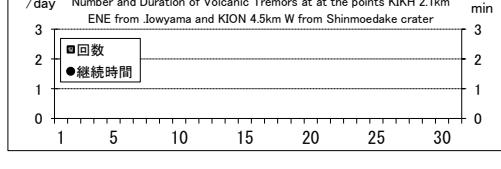
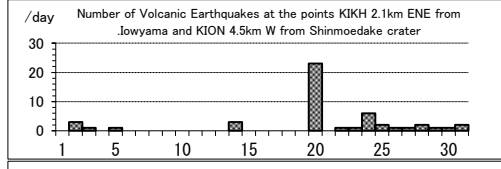
えびの高原(硫黄山)周辺(Ebino Highland Ioyama)

震動観測(Seismic Observation)

Observation Point: KIKH, KION	月計	最大(起日)
	total	max (date)
火山性地震回数(Number of volcanic earthquakes)	49	23 (20)
火山性微動回数(Number of volcanic tremors)	-	-
微動継続時間(Duration of volcanic tremors) (min)	-	-

Note: KIKH(N31°57.20' E130°52.52' H969m)

KION(N31°54.68' E130°50.11' H982m)





(44)桜島

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)	37	4 (15,24)
火山性微動回数(Number of volcanic tremors)	-	-
微動継続時間(Duration of volcanic tremors) (min)	-	-

Note: SKRB (N31°35.58' E130°38.33' H451m)

遠望観測(Visual Observation)

	月計 total	最大(起日) max (date)
爆発回数(Number of explosive eruptions)	-	-
降灰量(Amount of ash fall) (g/m <sup>2</sup> )	-	-

A,B火口 (A,B crater)	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)	600 (19)

昭 and 火口 (Showa crater)	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 (abbr.)

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

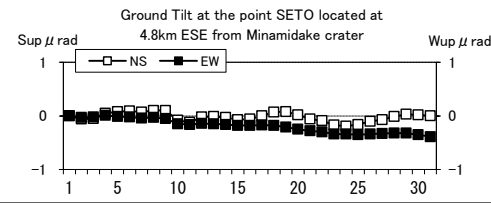
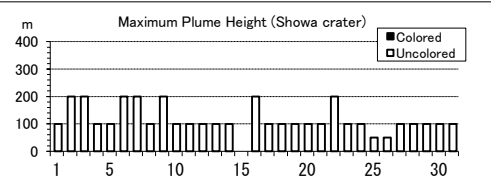
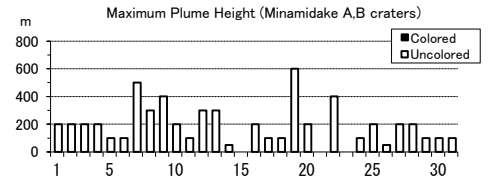
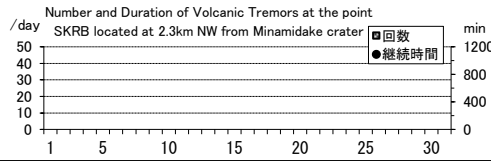
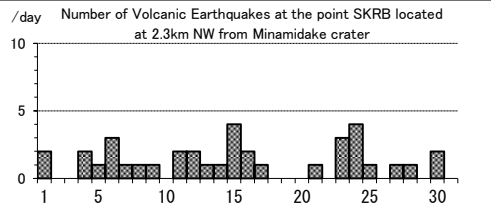
Note: Plumes were from Mt. Minamidake A Crater(A), B Crater(B) and Showa Crater(S)

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

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

Visual observation of explosion is described on another sheet.

Sakurajima: December,2015



(45)薩摩硫黄島

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)	183	13 (22)
火山性微動回数(Number of volcanic tremors)	-	-
微動継続時間(Duration of volcanic tremors) (min.)	-	-

Note: STI1 (N30°47.27' E130°18.12' H394m)

遠望観測(Visual Observation)	最大(起日) max (date)
噴煙量(Quantity of plumes) (JMA's scale)	2 (1,9,12)
噴煙の高さ(Height of plumes) (m)	700 (1,12)

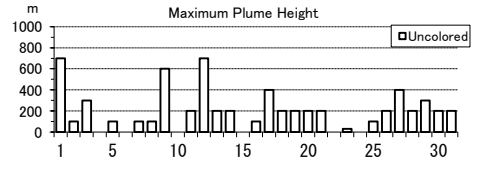
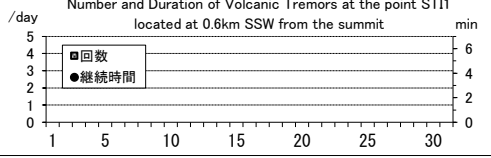
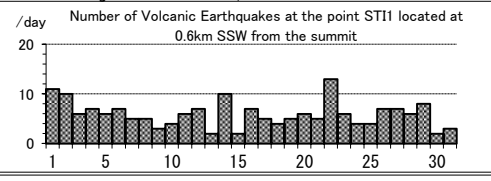
噴煙の色(Color of plumes)	W
他の火山現象(Other volcanic phenomena)	GI

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

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

\*Uncolored plumes mean only White(W) color since 1st April, 2010.

Satsuma-Iojima: December,2015



(46)口永良部島

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)	13	2 (18.30.31)
火山性微動回数(Number of volcanic tremors)	-	-
微動継続時間(Duration of volcanic tremors) (min.)	-	-

Note: KEHT (N30 27.66' E130 13.89' H231m), KER4 (N30 26.70' E130 11.88' H146m)

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 (22.30)

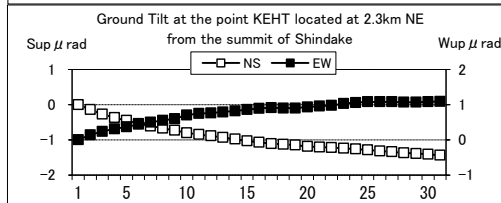
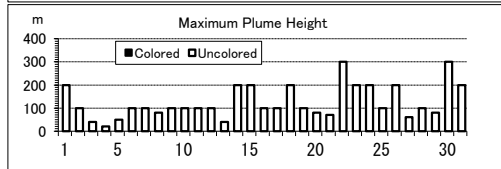
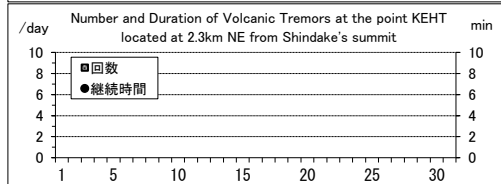
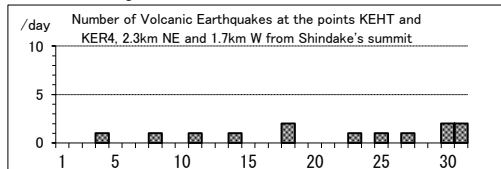
噴煙の色(Color of plumes)	W
他の火山現象(Other volcanic phenomena)	-

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

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

\*Uncolored plumes mean only White(W) color since 1st April, 2010.

Kuchinoerabujima: December,2015



(47)諏訪之瀬島

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)	35	6 (8)
火山性微動回数(Number of volcanic tremors)	1	1 (9)
微動継続時間(Duration of volcanic tremors) (min.)	63	63 (9)

Note: SWA1 (N29 37.64' E129 42.38' H440m)

遠望観測(Visual Observation)

	月計 total	最大(起日) max (date)
爆発回数(Number of explosive eruptions)	-	-

	最大(起日) max (date)
噴煙量(Quantity of plumes) (JMA's scale)	2 (21.22)
噴煙の高さ(Height of plumes) (m)	600 (14)

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

Note: Uncolored:Plume color was White(W)\*

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

\*Uncolored plumes mean only White(W) color since 1st April, 2010.

Suwanosejima: December,2015

