火山観測 Summary of Observations on Volcanoes 常時観測 平成23年(2011年)11月

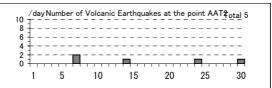
Continuous Observation in November, 2011

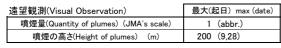
(1)アトサヌプリ

震動観測(Seismic Observation)	月計	最大(起日)
Observation Point: AAT2	total	max (date)
火山性地震回数(Number of volcanic earthquakes	5	2 (7)
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)

Atosanupuri: November,2011





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

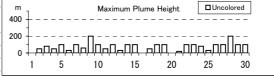
Note: Plumes were from Upper part of F1 Fumaroles(Location U),

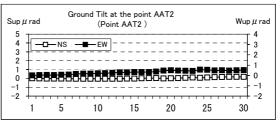
Middle part of F1 Fumaroles(M) Lower part of

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



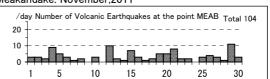


(2)雌阿寒岳

震動観測(Seismic Observation)	月計	最大(起日)
Observation Point: MEAB	total	max (date)
火山性地震回数(Number of volcanic earthquakes	104	11 (29)
火山性微動回数(Number of volcanic tremors)	1	1 (12)
微動継続時間(Duration of volcanic tremors) (min.	1	1 (12)

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

Meakandake: November,2011



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 (9,15)

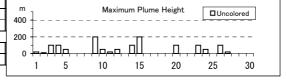
他の火山現象(Other volcanic phenomena)	-			
Note: Plumes were from the Ponmachineshiri Summit Crater(LocationT),				
the Nakamachineshiri Crater(U), the Akanur	na Crater(M) and/or			

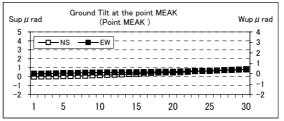
Ponmachineshiri NW Fumaroles(N).

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

噴煙の色(Color of plumes)

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





(3)大雪山

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震動観測(Seismic Observation)	月計	最大(起日)
Observation Point: TIAE	total	max (date)
火山性地震回数(Number of volcanic earthquakes)	17	4 (13)
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)

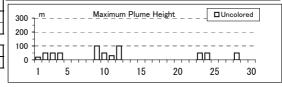
Taisetsuzan:November,2011					
/daMumber of \	/olcanic Ea	arthquake	at the poi	nt TIAE	Total 17
8 +					
4 +		T			
0 + 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			. 1991	- 	
1 5	10	15	20	25	30

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 (9,12)

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).



 $\label{lem:colored:Plume color was Light white (LW), Grayish white (GW), Gray(G) \ \ and \ other.}$

(4)十勝岳

震動観測(Seismic Observation)	月計	最大(起日)
Observation Point: TOKH	total	max (date)
火山性地震回数(Number of volcanic earthquakes	38	8 (6)
火山性微動回数(Number of volcanic tremors)	1	1 (17)
微動継続時間(Duration of volcanic tremors)(min.	4	4 (17)

Note: TOKH (N43°25.96' E142°40.15' H1.355m)

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 (9,12,23)

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).

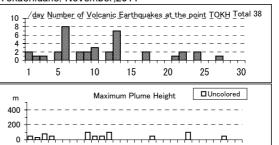
Note: Uncolored:Plume color was White(W).

 $\label{local_control} \mbox{Colored:Plume color was Light white(LW), Grayish white(GW), Gray(G)} \\ \mbox{and other.}$

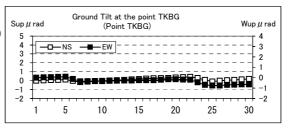
Tokachidake: November,2011

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(5)樽前山

(4) [4] [6]		
震動観測(Seismic Observation)	月計	最大(起日)
Observation Point: TARC	total	max (date)
火山性地震回数(Number of volcanic earthquakes	57	11 (1)
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)	1 (abbr.)
噴煙の高さ(Height of plumes) (m)	200 (14)

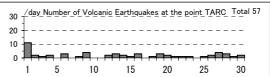
	噴煙の色(Color of plumes)	W
f	也の火山現象(Other volcanic phenomena)	-

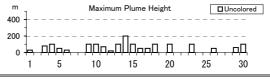
Note: Plumes were from the Summit Area(Location A, B and/or E).

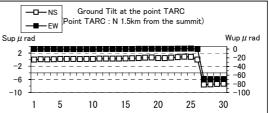
Note: Uncolored:Plume color was White(W).
Colored:Plume color was Light white(LW),

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

Tarumaesan: November,2011







(6)俱多楽

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

攻到	
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)	1 (abbr.)

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

50 (5)

Note: Plumes were from Hiyoriyama Fumarole(Location H)

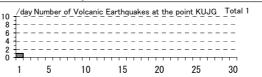
Note: Uncolored:Plume color was White(W).

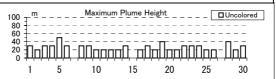
Colored:Plume color was Light white(LW),

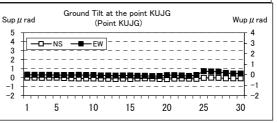
噴煙の高さ(Height of plumes) (m)

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

Kuttara: November,2011







(7)有珠山

(1) 13 20 —		
震動観測(Seismic Observation)	月計	最大(起日)
Observation Point: USUA	total	max (date)
火山性地震回数(Number of volcanic earthquakes	24	3 (6)
火山性微動回数(Number of volcanic tremors)	-	-
微動継続時間(Duration of volcanic tremors) (min.	-	1

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 (18,28)

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

Note: Plumes were from the Summit Area 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.

Ground Tilt at the point USUA (Point USUA : S 1.5km from the summit) —□—NS ——EW |-----0 -1 -2 -2 5 10 20 25 30 1 15

/day Number of Volcanic Earthquakes at the point USUA Total 24

15

Maximum Plume Height

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□Uncolored

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(0)业海道购欠丘

震動観測(Seismic Observation)	月計	最大(起日)
Observation Point: KOMA	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: 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)	1 (14)
噴煙の高さ(Height of plumes) (m)	20 (14)

噴煙の色(Color of plumes)	W
他の火川現象(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: November,2011

Usuzan: November,2011

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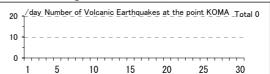
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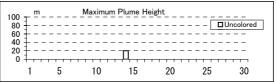
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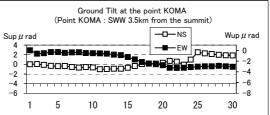
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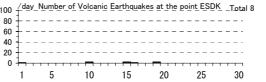


(9)恵山

震動観測(Seismic Observation)	月計	最大(起日)
Observation Point: ESDK	total	max (date)
火山性地震回数(Number of volcanic earthquakes	8	2 (10,15,19)
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)

Esan: November,2011	
/ L N L 63/ L :	_
100 /day Number of Volcanic	Ea

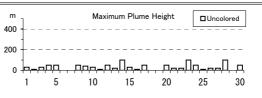


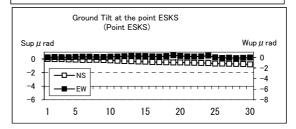
遠望観測(Visual Observation)	最大(起日) max (date)
噴煙量(Quantity of plumes) (JMA's scale)	1 (abbr.)
噴煙の高さ(Height of plumes) (m)	100 (14,23,28)

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).





(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)	-

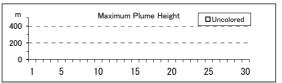
噴煙の色(Color of plumes)	_
他の火山現象(Other volcanic phenomena)	-
N I DI C T I C T	

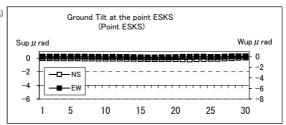
Note: Plumes were from Iwaki Summit

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

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

Iwakisan: November,2011



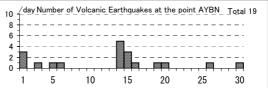


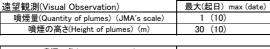
(11)秋田焼山

震動観測(Seismic Observation)	月計	最大(起日)
Observation Point: AYBN	total	max (date)
火山性地震回数(Number of volcanic earthquakes	19	5 (14)
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)

_ Akita-Yakeyama : November,2011



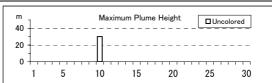


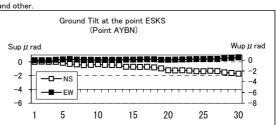
噴煙の色(Color of plumes)	W
他の火山現象(Other volcanic phenomena)	-

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.





(12)岩手山

(12/A) H		
震動観測(Seismic Observation)	月計	最大(起日)
Observation Point: UMG2,N.IWMV-U(NIED)	total	max (date)
火山性地震回数(Number of volcanic earthquakes	37	18 (8)
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),N.IWMV-U(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 (9,10)
噴煙の高さ(Height of plumes) (m)	30 (10)

噴煙の色(Color of plumes)	W	
Mの小小理色(0+1		ī

他の火山現象(Other volcanic phenomena) -Note: Plumes were from the Kurokurayama Summit(LocationX),

the Ojigokudani(Y-6)

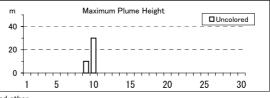
Note: Uncolored:Plume color was White(W).*

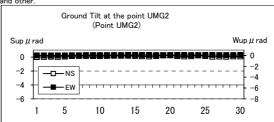
Colored:Plume color was Light white(LW), Grayish white(GW), Gray(G) and other.

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

Iwatesan: November,2011

20 /day Number of Volcanic Earthquakes at the point UMG2.NIWMV-U(NIED) Total 37





(13)秋田駒ケ岳

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)	-

ı	噴煙の色(Color of plumes)	ı
ı	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),

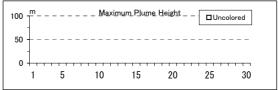
Geothermal area on the NE slope of Medake Summit(Z-1d) and/or

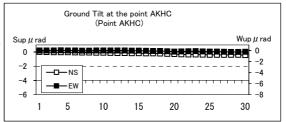
Crater on the E part of Medake Summit(Z-1e)

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

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

Akita-Komagatake: November,2011



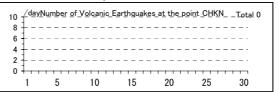


(14)鳥海山

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震動観測(Seismic Observation)	月計	最大(起日)
Observation Point: CHKN	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' H335m)

Chokaisan: November,2011

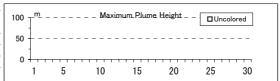


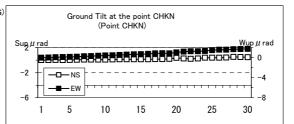
遠望観測(Visual Observation)	最大(起日) max (date)
噴煙量(Quantity of plumes) (JMA's scale)	-
噴煙の高さ(Height of plumes) (m)	-

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

Note: Plumes were from Sin Summit(Location Y)
Note: Uncolored:Plume color was White(W).

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

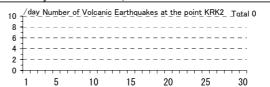




(15) 栗駒山

(10)未削山		
震動観測(Seismic Observation)	月計	最大(起日)
Observation Point: KRK2	total	max (date)
火山性地震回数(Number of volcanic earthquakes	-	ì
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)

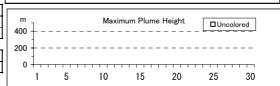


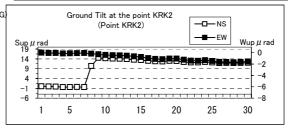
遠望観測(Visual Observation)	最大(起日) max (date)
噴煙量(Quantity of plumes) (JMA's scale)	-
噴煙の高さ(Height of plumes) (m)	-
噴煙の色(Color of plumes)	-

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

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

他の火山現象(Other volcanic phenomena)





(16)蔵王山

震動観測(Seismic Observation)	月計	最大(起日)
Observation Point: ZABD	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: ZABD (N38°07.33' E140°23.69' H1,012m)

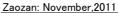
	_	L
遠望観測(Visual Observation)	最大(起日) max (date)	ſ
噴煙量(Quantity of plumes) (JMA's scale)	-	
噴煙の高さ(Height of plumes) (m)	-	

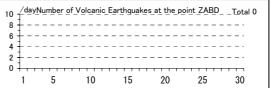
噴煙の色(Color of plumes)	-
他の火山現象(Other volcanic phenomena)	-

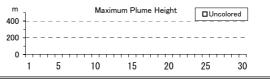
Note: Plumes were from Okama(Location S-1b), Maruyamasawa(Y-2a)

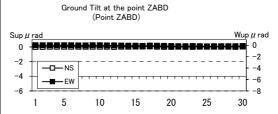
Note: Uncolored:Plume color was White(W).

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









(17)吾妻山

\!'/'LXH			
震動観測(Seismic Observation)	月計	最大(起日)	
Observation Point: AZMA	total	max (date)	
火山性地震回数(Number of volcanic earthquakes)	11	2 (1)	
火山性微動回数(Number of volcanic tremors)	-	-	
微動継続時間(Duration of volcanic tremors) (min.	ı	_	

Note: AZMA (N37°43.34' E140°16.53' 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.)
reteの言さ(Haight of plumos) (m)	500 (10)

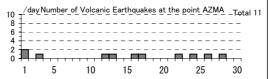
噴煙の色(Color of plumes)	W
他の火山現象(Other volcanic phenomena)	-

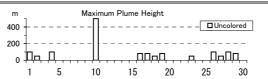
Note: Plumes were from the Oana Crater

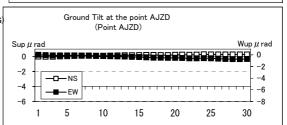
Note: Uncolored:Plume color was White(W).

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

Azumayama: November,2011







(18)安達太良山

震動観測(Seismic Observation)	月計	最大(起日)	
Observation Point: ADTB	total	max (date)	
火山性地震回数(Number of volcanic earthqua	ikes 1	1 (18)	
火山性微動回数(Number of volcanic tremor	rs) –	-	
微動継続時間(Duration of volcanic tremors) (i	min. –	-	

Note: ADTB(N37°38.05′ E140°18.21′ 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)	-

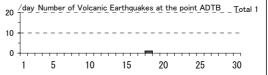
噴煙の色(Color of plumes)	-
他の火山現象(Other volcanic phenomena)	-

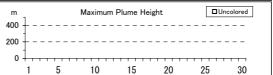
Note: Plumes were from the Numanodaira - SW area.

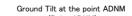
Note: Uncolored:Plume color was White(W).

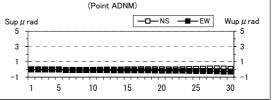
 ${\tt Colored:Plume\ color\ was\ Light\ white}({\tt LW}),\ {\tt Grayish\ white}({\tt GW}),\ {\tt Gray}({\tt G})$

Adatarayama: November,2011

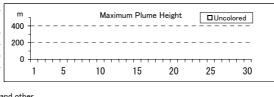






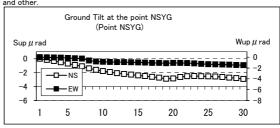


(19)磐梯山 Bandaisan: November,2011 最大(起日) 震動観測(Seismic Observation) 月計 /day_Number_of_Volcanic_Earthquakes_at_the_point_BNDA__Total_1 Observation Point: BNDA max (date) total 火山性地震回数(Number of volcanic earthquake 1 (1) 火山性微動回数(Number of volcanic tremors) 微動継続時間(Duration of volcanic tremors) (min Note: BNDA(N37°35.04′ E140°04.79′ H1000m) 1 10 15 20 30 遠望観測(Visual Observation) 最大(起日) max (date) Maximum Plume Height □Uncolored 噴煙量(Quantity of plumes) (JMA's scale) 1 (abbr.) 400 噴煙の高さ(Height of plumes) (m) 50 (11) 200 噴煙の色(Color of plumes) W 0 他の火山現象(Other volcanic phenomena) 10 20 30 5 15 25 1 Note: Plumes were from the Fumarolic area in Crater wall Note: Uncolored:Plume color was White(W). Colored:Plume color was Light white(LW), Gravish white(GW), Grav(G Ground Tilt at the point BNUR (Point BNUR) and other. Sup μ rad <u>Wu</u>p *μ* rad 0 0 -2 -2 —□— NS -4 -4 -6 **---** FW -6 -8 25 30 1 5 10 15 20 (20)那須岳 Nasudake: November,2011 震動観測(Seismic Observation) 月計 最大(起日) Number of Volcanic Earthquakes at the point NSUA Total 5 Observation Point: NSUA total max (date) 30 2 (23) 火山性地震回数(Number of volcanic earthquake: 5 20 火山性微動回数(Number of volcanic tremors) 10 微動継続時間(Duration of volcanic tremors) (min Note: NSUA (N37°06.38' E139°59.44' H1,083m) 1 5 10 15 20 最大(起日) max (date) 遠望観測(Visual Observation) Maximum Plume Height 噴煙量(Quantity of plumes) (JMA's scale) 1 (abbr.) □Uncolored 400 噴煙の高さ(Height of plumes) (m) 200 噴煙の色(Color of plumes) ممه 他の火山現象(Other volcanic phenomena) 5 10 15 20 25 30 1 Note: Plumes were from the west flank of Mt. Nasudake. Note: Uncolored:Plume color was White(W). Ground Tilt at the point NANM Colored:Plume color was Light white(LW), Grayish white(GW), Gray(G (Point NANM) and other. Sup μ red **ERRESSESSESSESSESSESSESSESSES** 0 -2 -2 **—**□— NS -4 --FW -6 -8 30 15 20 25 1 (21)日光白根山 Nikko-Shiranesan: November,2011 震動観測(Seismic Observation) 月計 最大(起日) day Number of Volcanic Earthquakes at the point NSYG Total 17 Observation Point: NSYG max (date) 火山性地震回数(Number of volcanic earthquake 6 (8) 火山性微動回数(Number of volcanic tremors) 微動継続時間(Duration of volcanic tremors) (mir Note: NSYG (N36°48.22' E139°24.46' H1,642m) 5 10 15 20 25 30 最大(起日) max (date) 遠望観測(Visual Observation) 噴煙量(Quantity of plumes) (JMA's scale) m Maximum Plume Height ☐Uncolored 400 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).



(22)草津白根山

(22)++111KH		
震動観測(Seismic Observation)	月計	最大(起日)
Observation Point: KSHA	total	max (date)
火山性地震回数(Number of volcanic earthquakes	49	6 (18)
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' H1,933m)

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 (11)

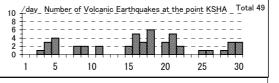
噴煙の色(Color of plumes) W		
Control of plantes,	噴煙の色(Color of plumes)	W
他の火山現象(Other volcanic phenomena) –	他の火山現象(Other volcanic phenomena)	-

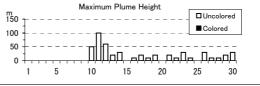
Note: Plumes were from the Yugama Crater and Fumaroles at northern side of Yugama Crater

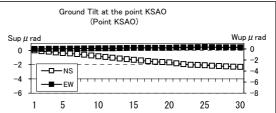
Note: Uncolored:Plume color was White(W).

Colored:Plume color was Light white(LW), Grayish white(GW), $\mbox{Gray}(\mbox{G})$ and other.

Kusatsu-Shiranesan: November,2011







(23)浅間山

(==/,>(=)		
震動観測(Seismic Observation)	月計	最大(起日)
Observation Point: ASMB	total	max (date)
火山性地震回数(Number of volcanic earthquakes	265	17 (13)
火山性微動回数(Number of volcanic tremors)	1	1 (11)
微動継続時間(Duration of volcanic tremors) (min.	1	1 (11)

Note: ASMB (N36°23.37' E138°31.13' H1,864m)

遠望観測(Visual Observation)	最大(起日) max (date)
噴煙量(Quantity of plumes) (JMA's scale)	3 (7)
噴煙の高さ(Height of plumes) (m)	400 (14)

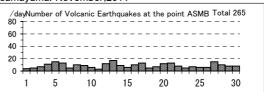
噴煙の色(Color of plumes)	W	
他の火山現象(Other volcanic phenomena)	-	

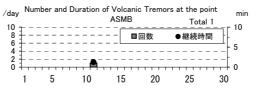
Note: Plumes were from the Kamayama Crater(Location A).

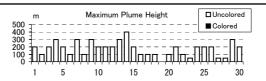
Note: Uncolored:Plume color was White(W).

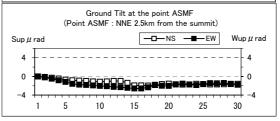
Colored:Plume color was Light white(LW), Grayish white(GW), Gray(G) and other.

Asamayama: November,2011









(24)新潟焼山

震動観測(Seismic Observation)	月計	最大(起日)
Observation Point: NYK2	total	max (date)
火山性地震回数(Number of volcanic earthquakes	1	1 (10)
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' H1,147m)

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 (12,22,26)

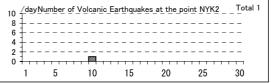
噴煙の色(Color of plumes)	W
他の火山現象(Other volcanic phenomena)	-

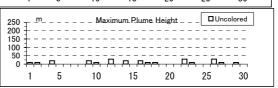
Note: Plumes were from Upper East flank(Location A).

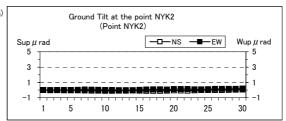
Note: Uncolored:Plume color was White(W).

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









(25) 快兵

(25) 焼 🕁		
震動観測(Seismic Observation)	月計	最大(起日)
Observation Point: YKN2	total	max (date)
火山性地震回数(Number of volcanic earthquakes	169	80 (25)
火山性微動回数(Number of volcanic tremors)	-	-
微動継続時間(Duration of volcanic tremors) (min.	-	-

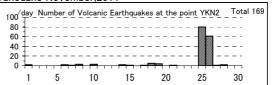
Note: YKN2 (N36°15.67' E137°34.45' H1,151m)

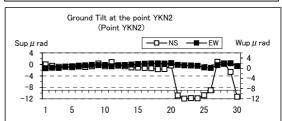
Yakedake November,2011

Norikuradake: November 2011

5

10





(00)垂枕丘

(20)来转缶		
震動観測(Seismic Observation)	月計	最大(起日)
Observation Point: NOSM	total	max (date)
火山性地震回数(Number of volcanic earthquakes	93	29 (8)
火山性微動回数(Number of volcanic tremors)	-	-
微動継続時間(Duration of volcanic tremors) (min	_	-

			Tiorikaradake. Hoveliber,2011
曼動観測(Seismic Observation)	月計	最大(起日)	oo /dayNumber of Volcanic Earthquakes at the po
Observation Point: NOSM	total	max (date)	30 / dayyumber of Voicanic Earthquakes at the bi
山性地震回数(Number of volcanic earthquakes	93	29 (8)	20 =
火山性微動回数(Number of volcanic tremors)	-	_	15 +
動継続時間(Duration of volcanic tremors) (min.	-	_	
ote: NOSM (N36°06.85' E137°35.81' H1,804m)		•	i i i i i i i i i i i i i i i i i i i

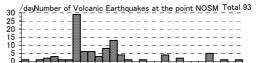
遠望観測(Visual Observation) 最大(起日) max (date) 噴煙量(Quantity of plumes) (JMA's scale) 噴煙の高さ(Height of plumes) (m)

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.

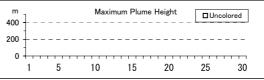


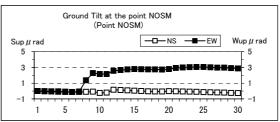
15

20

25

30





(27)御嶽山

震動観測(Seismic Observation)	月計	最大(起日)
Observation Point: ONTA	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: ONTA (N35°52.61' E137°29.73' H2,228m)

	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 (9)

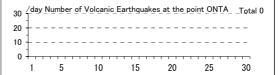
噴煙の色(Color of plumes)	W	
他の火川現象(Other volcanic phenomena)	_	

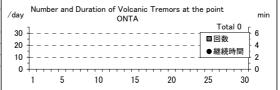
Note: Plumes were from the Otaki summit Crater (A) and/or S6

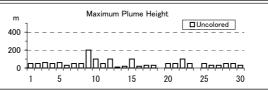
Note: Uncolored:Plume color was White(W).

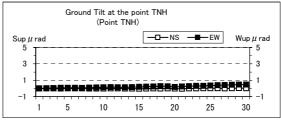
Colored:Plume color was Light white(LW), Grayish white(GW), Gray(G) and other.

Ontakesan: November,2011









(28)白山

震動観測(Seismic Observation)	月計	最大(起日)
Observation Point: HSMD	total	max (date)
火山性地震回数(Number of volcanic earthquakes	12	3 (12)
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' H2,345m)

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)	_

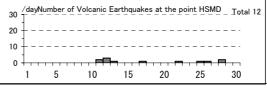
噴煙の色(Color of plumes)	-
他の火山現象(Other volcanic phenomena)	-

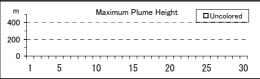
Note: Plumes were from Summit Area of Hakusan(Location A)

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

 $\label{lem:colored:Plume color was Light white (LW), Grayish white (GW), Gray (G) \ \ and \ other.}$

Hakusan: November,2011



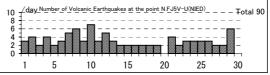


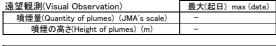
(29)富士山

震動観測(Seismic Observation)	月計	最大(起日)
Observation Point: N.FJ5V-U(NIED)	total	max (date)
火山性地震回数(Number of volcanic earthquakes)	90	7 (10)
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-U(NIED) (N35°23.08' E138°41.72' H2,090m)

Fujisan: November,2011

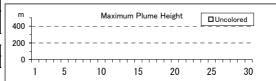


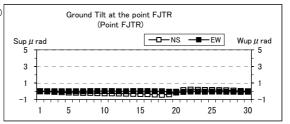


噴煙の色(Color of plumes)	-
他の火山現象(Other volcanic phenomena)	_

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

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





(30)箱根山

震動観測(Seismic Observation)	月計	最大(起日)
Observation Point: OK.KOM	total	max (date)
火山性地震回数(Number of volcanic earthquakes	5	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' H1,049m)

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 (10,25,29)

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

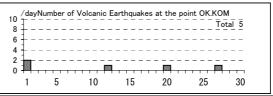
Note: Plumes were from Fumaroles near Owakudani(Location A),

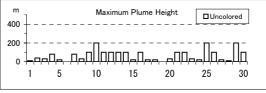
Fumaroles near Sounjigoku(B)

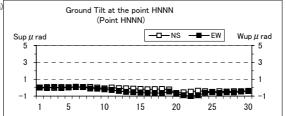
Note: Uncolored:Plume color was White(W).

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

Hakoneyama: November,2011







(31)伊豆東部火山群

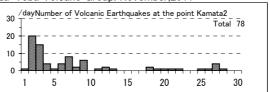
(0.7) == 2(10) (= 1)		
震動観測(Seismic Observation)	月計	最大(起日)
Observation Point: ITBA,Kamata2	total	max (date)
火山性地震回数(Number of volcanic earthquakes	78	20 (31)
火山性微動回数(Number of volcanic tremors)	-	_
微動継続時間(Duration of volcanic tremors) (min.	-	_

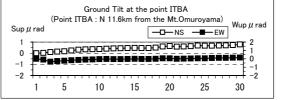
Note: ITBA (N35°00.46' E139°05.87' H12m) Kamata2(N34°55.71' E139°03.65' H175m)

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: November,2011





(32)伊豆大島

(02/1) 32/(11)		
震動観測(Seismic Observation)	月計	最大(起日)
Observation Point: OSMA	total	max (date)
火山性地震回数(Number of volcanic earthquakes	58	8 (8)
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)	30 (abbr.)

噴煙の色(Color of plumes)	W
他の火川現象(Other volcanic phenomena)	_

Note:Plumes were from the Miharayama Summit Crater(Location A),

the Fumaroles at western side of Miharashinzan(A1),

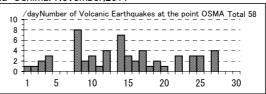
the Fumaroles near Kengamine(A2),

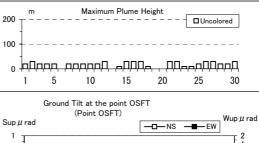
the Fumaroles at eastern side of Miharashinzan(A3)

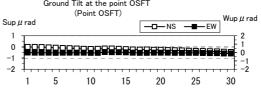
Note: Uncolored:Plume color was White(W).

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

Izu-Oshima: November,2011







(33)新阜

震動観測(Seismic Observation)	月計	最大(起日)
Observation Point: NIST	total	max (date)
火山性地震回数(Number of volcanic earthquakes	1	1 (14)
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)

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

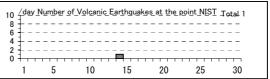
噴煙の色(Color of plumes)	-
他の火山現象(Other volcanic phenomena)	-
	(1 1)

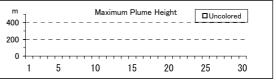
Note: Plumes were from Summit Area of Tangoyama(Location A)

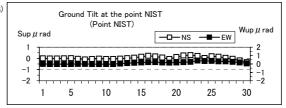
Note: Uncolored:Plume color was White(W).

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

Nijima: November,2011







(34)神津鳥

(O 1/1T/T-III)		
震動観測(Seismic Observation)	月計	最大(起日)
Observation Point: KOTJ	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)
噴煙量(Quantity of plumes)(JMA's scale)	-
-=	

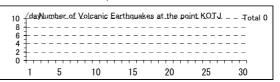
現在の同で(Height of plumes) (III)	
噴煙の色(Color of plumes)	-
他の火山現象(Other volcanic phenomena)	-

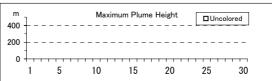
Note: Plumes were from Summit Area of Tenjosan(Location A)

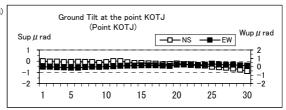
Note: Uncolored:Plume color was White(W).

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

Kozushima: November,2011





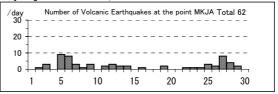


(35)三宅島

·		
震動観測(Seismic Observation)	月計	最大(起日)
Observation Point: MKJA	total	max (date)
火山性地震回数(Number of volcanic earthquakes)	62	9 (5)
火山性微動回数(Number of volcanic tremors)	1	1 (12)
微動継続時間(Duration of volcanic tremors) (min.	1	1 (12)

Note: MKJA (N34°06.00' E139°31.92' H473m)

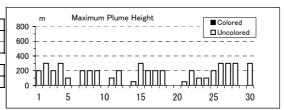
Miyakejima: November,2011

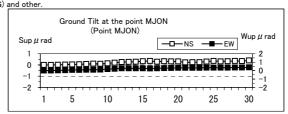


遠望観測(Visual Observation)	最大(起日) max (date)
噴煙量(Quantity of plumes) (JMA's scale)	2 (abbr.)
噴煙の高さ(Height of plumes) (m)	300 (abbr.)
•	•

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

Note: Plumes were from the Summit Crater. Note: Uncolored:Plume color was White(W).





(36)八丈島 Hachijojima: November,2011 震動観測(Seismic Observation) 月計 最大(起日) Number of Volcanic Earthquakes at the point HACHJ3 Total 1 Observation Point: HACHJ3 max (date) total 火山性地震回数(Number of volcanic earthquake 1 (5) 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 06.3 E139 47.1 H?m) 1 5 10 15 20 25 30 遠望観測(Visual Observation) 最大(起日) max (date) 噴煙量(Quantity of plumes)(JMA's scale) m Maximum Plume Height □Uncolored **4**00 噴煙の高さ(Height of plumes) (m) 200 噴煙の色(Color of plumes) 0 他の火山現象(Other volcanic phenomena) 1 5 10 15 20 25 30 Note: Plumes were from Nishiyama Crater(Location A) Note: Uncolored:Plume color was White(W). Colored:Plume color was Light white(LW), Gravish white(GW), Grav(G) Ground Tilt at the point HJNY and other. (Point HJNY) Wup μ rad Sup μ rad 0 ₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽ -1 -2 1 10 15 20 25 30 (37)青ヶ島 Aogashima: November,2011 震動観測(Seismic Observation) 月計 最大(起日) day Number of Volcanic Earthquakes at the point AOMT _Total 0 Observation Point: AOMT total max (date) 火山性地震回数(Number of volcanic earthquake 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) 5 10 15 20 25 30 遠望観測(Visual Observation) 最大(起日) max (date) m Maximum Plume Height □Uncolored 噴煙量(Quantity of plumes) (JMA's scale) 400 噴煙の高さ(Height of plumes) (m) 200 噴煙の色(Color of plumes) 0 + 他の火山現象(Other volcanic phenomena) 5 10 15 20 25 30 1 Note: Plumes were from Western flank of Maruvama(Location A) Note: Uncolored:Plume color was White(W). Ground Tilt at the point AOMT Colored:Plume color was Light white(LW), Gravish white(GW), Grav(G) (Point AOMT) Wup μ rad and other. Sup μ rad —□—NS 1 2 0 -1 -2 1 5 10 15 20 25 30 (38)硫黄島 Ioto: November,2011 遠望観測(Visual Observation) 最大(起日) max (date) Maximum Plume Height m Colored 噴煙量(Quantity of plumes) (JMA's scale) 1 (abbr.) ☐Uncolored 噴煙の高さ(Height of plumes) (m) 60 (7) 200 噴煙の色(Color of plumes) 100 他の火山現象(Other volcanic phenomena) Note: Plumes were from Asodaikanbotsuko (Location A)and/or Idogahama (Location B) Note: Uncolored:Plume color was White(W). 10 15 20 25 1 Colored:Plume color was Light white(LW), Grayish white(GW), Gray(G) and other (39)鶴見岳 · 伽藍岳 Tsurumidake and Garandake: November, 2011 震動観測(Seismic Observation) 月計 最大(起日) /day Number of Volcanic Earthquakes at the point TGBP _Total 0 Observation Point: TGBP max (date) total 火山性地震回数(Number of volcanic earthquake 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' F131°27 07' H460m) 10 15 30 遠望観測(Visual Observation) 最大(起日) max (date) Maximum Plume Height 噴煙量(Quantity of plumes) (JMA's scale) □Uncolored 400 噴煙の高さ(Height of plumes) (m) 200 噴煙の色(Color of plumes) 他の火山現象(Other volcanic phenomena) 5 10 15 20 25 30 1 Note: Plumes were from RegionA and/or RegionB. Note: Uncolored:Plume color was White(W).

(40)九重山

\:// 5			
震動観測(Seismic Observation)	月計	最大(起日)	
Observation Point: KJA2	total	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)	-	_	
微動継続時間(Duration of volcanic tremors) (min.	-	-	

Note: KJA2 (N33°06.20' E131°13.78' H1,282m)

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.)

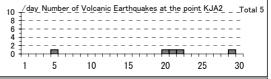
噴煙の色(Color of plumes)	W	
他の火山現象(Other volcanic phenomena)	_	
Note: Plumes were from the east and/or north-east flook of Mt. Hassha		

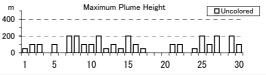
(Location A,B,C or D).

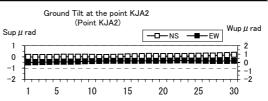
Note: Uncolored:Plume color was White(W).

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

Kujusan: November,2011





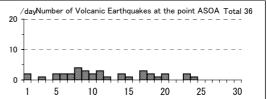


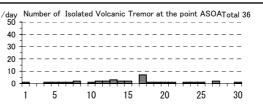
(41) 阿蘇山

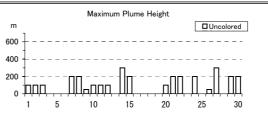
震動観測(Seismic Observation)	月計	最大(起日)
Observation Point: ASOA	total	max (date)
火山性地震回数(Number of volcanic earthquakes	36	4 (8)
孤立型火山性微動回数	36	7 (17)
(Number of isolated volcanic tremors)		

Note: ASOA (N32°53.10' E131°04.65' H1.163m)

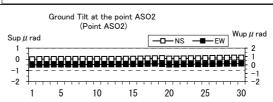
Asosan: November,2011







Water Temperature: water pool and crater wall Crater pool °C of the crater No.1 of Mt. Nakadake Wall °C			
100	5 10 15 20 25	500 - 400 - 300 - 200 - 100 30	



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 (14,27)
•	

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).

 ${\bf Colored:} Plume\ color\ was\ Light\ white(LW),\ Grayish\ white(GW),$ 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	54 (17)
temperature on the water pool in the crater) (°C)	53 (30)
火口壁の表面温度 (Surface temperature	51 (17)
on the crater wall) (°C)	51 (17)

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

(42)雲仙岳

震動観測(Seismic Observation)	月計	最大(起日)
Observation Point: UNZA	total	max (date)
火山性地震回数(Number of volcanic earthquakes	12	4 (9)
火山性微動回数(Number of volcanic tremors)	-	-
微動継続時間(Duration of volcanic tremors) (min)	-	-

Note: UNZA (N32°44.10' E130°16.05' H769m)

遠望観測(Visual Observation)	最大(起日) max (date)
噴煙量(Quantity of plumes) (JMA's scale)	1 (4,14)
噴煙の高さ(Height of plumes) (m)	50 (4)

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

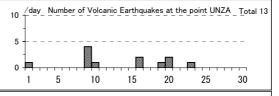
Note: Plumes were from the 10th Lava Dome(Location A10)

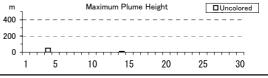
and/or the 11th Lava Dome(A11).

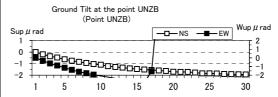
Note: Uncolored:Plume color was White(W).

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

Unzendake: November,2011







(43)霧島山

新燃兵 (Shinmoedake)

471 7/1K EL (STITITION GALLES)	_	
震動観測(Seismic Observation)	月計	最大(起日)
Observation Point: KIRA	total	max (date)
火山性地震回数(Number of volcanic earthquakes	800	67 (30)
火山性微動回数(Number of volcanic tremors)	2	1 (17,23)
微動継続時間(Duration of volcanic tremors) (min)	1	1 (17)

Note: KIRA (N31°54.00' E130°52.27' 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)	300 (16,21)

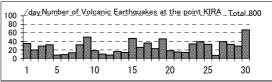
	噴煙の色(Color of plumes)	W	
Г	他の火山現象(Other volcanic phenomena)	-	

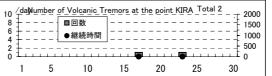
Note: Plumes were from the Shinmoedake Crater

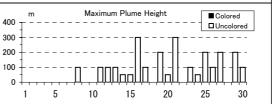
Note: Uncolored:Plume color was White(W).

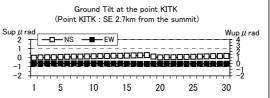
 $\label{eq:colored:plume color was Light white(LW), Grayish white(GW),} Gray(G) \ and \ other.$

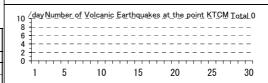
Kirishimayama: November,2011











御鉢(Ohachi)

μρωτ·(Olideili)		
震動観測(Seismic Observation)	月計	最大(起日)
Observation Point: KTCM	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)	-	_

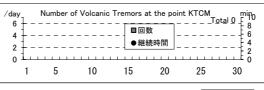
Note: KTCM (N31°53.17' E130°55.18' H1,540m)

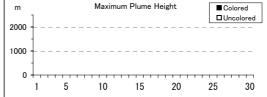
遠望観測(Visual Observation)	最大(起日) max (date)
噴煙量(Quantity of plumes) (JMA's scale)	-
噴煙の高さ(Height of plumes) (m)	-

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).





(44)桜島

(1 / 1 / 1 / 1 / 1 / 1 / 1 / 1 / 1 / 1		
震動観測(Seismic Observation)	月計	最大(起日)
Observation Point: SKRB	total	max (date)
火山性地震回数(Number of volcanic earthquakes	471	40 (26)
火山性微動回数(Number of volcanic tremors)	328	31 (4,14)
微動継続時間(Duration of volcanic tremors) (min)	3620	1440 (17)

Note: SKRB (N31°35.62' E130°38.35' H455m)

遠望観測(Visual Observation)	月計	最大(起日)
	total	max (date)
爆発回数(Number of explosive eruptions)	57	5 (3,14)
降灰量(Amount of ash fall) (g/m²)	173	39 (3)

A,B火口 (A,B crater)	最大(起日) max (date)
噴煙量(Quantity of plumes) (JMA's scale)	2 (8)
噴煙の高さ(Height of plumes) (m)	800 (8)

昭和火口(Showa crater)	最大(起日) max (date)
噴煙量(Quantity of plumes) (JMA's scale)	4 (15,22,30)
噴煙の高さ(Height of plumes) (m)	2000 (7,15,30)

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

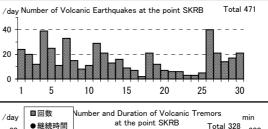
Note: Plumes were from Mt. Minamidake A Crater(A), B Crater(B) and Showa Crater(S)

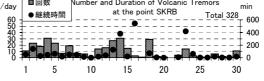
Note: Uncolored:Plume color was White(W).

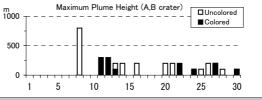
Colored:Plume color was Light white(LW), Grayish white(GW), Gray(G) and other.

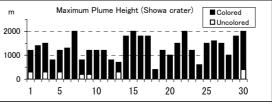
Visual observation of explosion is described on another sheet.

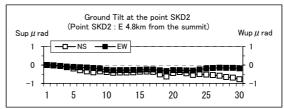
Sakurajima: November,2011











(45)薩摩硫黄島

(43))旌庠颁臾局		
震動観測(Seismic Observation)	月計	最大(起日)
Observation Point: STI1	total	max (date)
火山性地震回数(Number of volcanic earthquakes	159	13 (30)
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°47.26' E130°18.12' H380m)

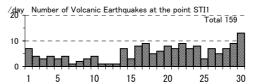
遠望観測(Visual Observation)	最大(起日) max (date)
噴煙量(Quantity of plumes) (JMA's scale)	2 (22)
噴煙の高さ(Height of plumes) (m)	600 (22)

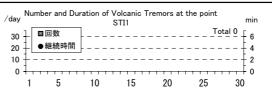
噴煙の色(Color of plumes)	W
他の火川現象(Other volcanic phenomena)	_

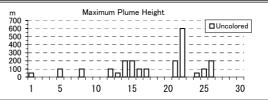
Note: Uncolored:Plume color was White(W)*.

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

Satsuma-Iojima: November,2011







(46)□永良部島

(40)日水及印画			
震動観測(Seismic Observation)	月計	最大(起日)	1
Observation Point: KER1	total	max (date)	
火山性地震回数(Number of volcanic earthquakes	44	10 (30)	1
火山性微動回数(Number of volcanic tremors)	84	11 (3)	1
微動継続時間(Duration of volcanic tremors) (min.	64	8 (19)	ı

Note: KER1 (N30°26.94' E130°12.86' H570m)

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 (5,17)

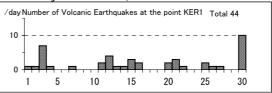
噴煙の色(Color of plumes)	W
他の火山現象(Other volcanic phenomena)	-

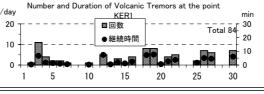
Note: Uncolored:Plume color was White(W)*.

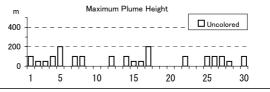
Colored:Plume color was Light white(LW), Grayish white(GW), Gray(G) and other.

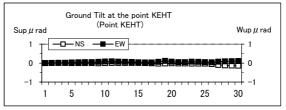
*Uncolored plumes mean only White(W) color since 1st April, 2010.

Kuchierabujima: November,2011









(47)諏訪之瀬島

(1 / MX D/) K_ MX DI		
震動観測(Seismic Observation)	月計	最大(起日)
Observation Point: SWA1	total	max (date)
火山性地震回数(Number of volcanic earthquakes	157	29 (16)
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.	4	2 (6)

Note: SWA1 (N29°37.73' E129°42.27' 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)	-	

	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)

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

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.



