



Agenda Item 4: Review and follow-up of the IAVW for the SAM Region

Review and update of IAVW Contact List

(Presented by the Secretariat)

SUMMARY	
This working paper presents the IAVW contact list, contained in ICAO Doc 9766 – IAVW	
References:	
<ul style="list-style-type: none">Doc 9766 - HANDBOOK ON THE INTERNATIONAL AIRWAYS VOLCANO WATCH (IAVW) (OPERATIONAL PROCEDURES AND CONTACT LIST)	
ICAO Strategic objectives:	<i>A - Safety</i> <i>B - Air navigation capacity and efficiency</i> <i>E - Environmental protection</i>

1. **Introduction**

1.1 ICAO Doc 9766 is a tool that contains all the information related to volcanoes that can affect international airways.

1.2 Part IV of said document presents the operational procedures that must be implemented.

1.3 Part V presents a List of Contacts of the States, which in the event of a volcanic eruption, are responsible for transmitting the information on said eruption or on volcanic ash clouds in the States.

2. **Discussion**

2.1 The volcanic eruption and the presence of volcanic ash clouds in international airways present a safety concern for air navigation service providers and for the industry.

2.2 In the recent history of aviation, we can remember events such as the Eyjafjallajökull volcano that paralyzed air activity in Europe for almost a month, or the eruption of the Puyehue-Cordón Caulle volcano that affected South America, especially the states of Argentina, Chile, Brazil, Paraguay and Uruguay.

2.3 In the SAM Region, the States of Argentina, Peru, Ecuador, Colombia, and Chile are constantly affected in part of their FIRs by volcanic eruptions and the presence of volcanic ash clouds.

2.4 Volcanic ash activities and the presence of volcanic ash clouds in FIRs and airways require correct information in real time. This need for quality information at the right time makes it necessary to have updated Contact Lists in the different ATS/MET units that ensure that the information reaches users at the necessary time. In the Table of **Appendix A** you can see the Contact List of ICAO Doc. 9766.

2.5 States should include these Contact Lists in their procedures and establish updating processes and communication to ICAO when they are modified.

2.6 The Meeting could urge States to review this information and update it if necessary.

3. **Suggested action**

3.1 The Meeting is invited to:

- a) take note of the information provided in this working paper;
- b) review and update the information contained in Appendix A;
- c) Agree on a conclusion that invites States to include this information -for those States that do not have it- in their procedures related to Volcanic Ash or Volcanic Eruption, and notify ICAO when it is modified.

- - - - -

APPENDIX A**Part 5****INTERNATIONAL AIRWAYS
VOLCANO WATCH CONTACT LIST****5.1 ALPHABETICAL LISTING**

Antigua and Barbuda
Argentina
Australia
Bolivia
Brazil
Cameroon
Canada
Cape Verde
Chile
China
Colombia
Comoros
Costa Rica
Cuba
Democratic Republic of the Congo
Dominican Republic
Ecuador
El Salvador
Eritrea
Ethiopia
France
France (Île de la Réunion)
French Antilles
French Guiana (France)
Greece
Grenada
Guatemala
Guyana
Honduras
Iceland
Indonesia
Italy
Jamaica
Japan
Kenya
Mexico
Montserrat (United Kingdom)
Netherlands Antilles (Netherlands)
New Zealand
Nicaragua
Pakistan
Panama
Papua New Guinea
Paraguay
Peru
Philippines
Puerto Rico (United States)
Portugal
Russian Federation
Saint Kitts and Nevis
Saint Lucia
Saint Vincent and the Grenadines
Solomon Islands
Spain
Suriname
Trinidad and Tobago
United States
Uruguay

Vanuatu
Venezuela

CAR/SAM

Antigua and Barbuda
Argentina
Bolivia
Brazil
Chile
Colombia
Costa Rica
Cuba
Dominican Republic
Ecuador
El Salvador

5.2 LIST OF STATES BY ICAO REGION**AFI**

Cameroon
Cape Verde
Comoros
Democratic Republic of the Congo
Eritrea
Ethiopia
France (Île de la Réunion)
Kenya

French Antilles (France)
French Guiana (France)
Grenada
Guatemala
Guyana
Honduras
Jamaica
Mexico
Montserrat (United Kingdom)
Netherlands Antilles (Netherlands)
Nicaragua
Panama
Paraguay
Peru
Puerto Rico (United States)
Trinidad and Tobago
Saint Kitts and Nevis
Saint Vincent and the Grenadines
Saint Lucia
Suriname
Uruguay
Venezuela

ASIA/PAC

Australia
China
Indonesia
Japan
New Zealand
Pakistan
Papua New Guinea
Philippines
Solomon Islands
Vanuatu

EUR

France
Greece
Italy
Portugal
Russian Federation
Spain

Canada
Iceland
United States

NAM/NAT

*Part 5. International Airways
Volcano Watch Contact List*

Antigua and Barbuda 1

ANTIGUA AND BARBUDA

**Volcano observatory
or authority**

FIR

PIARCO

ACC

Tel./Fax: +1 (268) 462 4703

MWO

Tel.: +1 (268) 462 3229
Fax: +1 (268) 462 4606

ARGENTINA

Volcano observatory or authority	Servicio Geológico y Minero Argentino (SEGEMAR)	Tel.: E-mail: Fax:	+54 (11) 4349 3176/3125 olapi22@yahoo.com.ar meliss@minplan.gov.ar +54 (11) 4349 3196
FIR ACC	EZEIZA	Tel.: AFTN: Fax:	+54 (11) 4480 2222/2542 SAEZZRZX +54 (11) 4480 2397
MWO	AEROPARQUE	Tel./Fax: AFTN: E-mail:	+54 (11) 4514 1612 SABEYMYX SAZZMAMX omaaer@smn.gov.ar
FIR ACC	CORDOBA	Tel.: AFTN: E-mail: Fax:	+54 (351) 433 5350 SACOZRZX accba@hotmail.com accadmcb@gmail.com +54 (351) 475 6488
MWO	CORDOBA	Tel.: AFTN: E-mail: Fax:	+ 54 (351) 476 3882/6427 SACOYMYX SAZZMAMX omacba@smn.gov.ar +54 (351) 475 3882
FIR ACC	MENDOZA	Tel./Fax: AFTN:	+54 (261) 448 7486 SAMEZRZX

MWO	MENDOZA	Tel./Fax: AFTN: E-mail:	+54 (261) 448 7468 SAMEYMYX SAZZMAMX omadoz@smn.gov.ar
FIR	RESISTENCIA		
ACC		Tel./Fax: AFTN: E-mail:	+54 (362) 444 0939 SAREZRZX maban@anac.gov.ar
MWO	RESISTENCIA	Tel.: AFTN: E-mail: Fax:	+54 (362) 443 6278 SAREYMYX SAZZMAMX omasis@smn.gov.ar +54 (362) 443 6285
FIR	COMODORO RIVADAVIA		
ACC		Tel./Fax: AFTN:	+54 (297) 454 8375 SAVCZRZX
MWO	COMODORO RIVADAVIA	Tel./Fax: AFTN: E-mail:	+54 (297) 454 8018 SAVCYMYX SAZZMAMX omacr@smn.gov.ar
NOF	EZEIZA	Tel./Fax: AFTN: E-Mail:	+54 (11) 4480 2260 SAEZYNYX notamezeiza@yahoo.com.ar dianac@anac.gov.ar

AUSTRALIA

Volcano observatory or authority	Bureau of Meteorology HQ Melbourne	Tel.:	+61 (3) 9669 4586
		Fax:	+61 (3) 9669 4695
	Australian Geological Survey Organization	Tel.:	+61 (2) 6249 9377
		E-mail:	wjohnson@agso.gov.au
		Fax:	+61 (2) 6249 9986
FIR	BRISBANE		
MWO		Tel.:	
			+61 (8) 8920 3830
		AFTN:	+61 (8) 8920 3833
		Fax:	YPDMYMYX
			+61 (8) 8927 9276
			+61 (8) 8920 3829
ACC		Tel.:	+61 (7) 3866 3224
		AFTN:	YBBBZRZX
		Fax:	+61 (7) 3866 3257
NOF	BRISBANE	AFTN:	YBBBYNYX
		Fax:	+61 (7) 3866 3553

BOLIVIA

Volcano observatory or authority

FIR LA PAZ

ACC

Tel./Fax: +591 (2) 281 0203
AFTN: SLLPZRZX

MWO LA PAZ

Tel.: +591 (2) 2114232
AFTN: +591 (2) 212 4129
SLLPYMYX
E-mail: ovmbolivia@yahoo.es
Fax: +591 (2) 231 6686

NOF LA PAZ

Tel./Fax: +591 (2) 231 6686
Ext. 152
AFTN: SLLPYNYX
E-mail: aisbolivia@yahoo.es

BRAZIL

**Volcano observatory
or authority**

FIR	AMAZONICA		
ACC		Tel.:	+55 (92) 3652 5318
		AFTN:	SBAZZRZX SBAZZQZX
		E-mail:	accaz@cidacta4.decea.gov.br
		Fax:	+55 (92) 3652 5371
MWO	MANAUS/CINDACTA IV		
		Tel.:	+55 (92) 652 5375
		AFTN:	SBMUYFTH
		E-mail:	cmv-az@cindacta4.decea.gov.br
FIR	BRASILIA		
ACC		Tel.:	+55 (61) 3364 8404
		AFTN:	SBBRZRZX
		Fax:	+55 (61) 3364 8418
MWO	BRASILIA/CINDACTA I		
		Tel.:	+55 (61) 3364 8358
		AFTN:	SBBSYMYX
		E-mail:	cmv-bs@cindacta1.aer.mil.br
FIR	RECIFE		
ACC		Tel.:	+55 (81) 3462 2742
		AFTN:	SBRFZRZX
		Fax:	+55 (81) 3462 4927
MWO	RECIFE/CINDACTA III		
		Tel.:	+55 (81) 2129 8093 +55 (81) 2129 8094
		AFTN:	SBREYMYX
		E-mail:	cmv-re@cindacta3.aer.mil.br
FIR	ATLANTICO		

ACC

Tel.: +55 (81) 3343 6215
AFTN: SBAOZRZX

MWO

RECIFE/CINDACTA III

Tel.: +55 (81) 2129 8093
+55 (81) 2129 8094
AFTN: SBREYMYX
E-mail: cmv-re@cindacta3.aer.mil.br

FIR

CURITIBA

ACC

Tel./Fax: +55 (41) 3356 3475
+55 (41) 3251 5342
AFTN: SBCWZRZX

MWO

CURITIBA/CINDACTA II

Tel.: +55 (41) 3356 6216
+55 (41) 3251 5357
AFTN: SBCWYMYX
E-mail: cmv-cw@cindacta2.aer.mil.br

NOF

BRASILIA

Tel./Fax: +55 (61) 364 8353
AFTN: SBRJYNYX
E-mail: nofbrazil@cindacta1.aer.mil.br

CAMEROON

Volcano observatory or authority

EKONA
Focal point may be contacted
24h/24 and 7d/7
Mr. Ateba Bekoa
Mme Ngwa Caroline

Tel.: +237 33 32 2172
E-mail: b.ateba@yahoo.com

ACC

BRAZZAVILLE

Tel.: +242 06 992 0433
AFTN: FCCCZQZX, FCBBZTZX
E-mail: ccrbrazzaville@yahoo.fr

FIR

BRAZZAVILLE

Tel.: +242 810 479
+242 815 151
AFTN: FCCCZQZX
Fax: +242 810 459

FIC

DOUALA

Tel: +237 33 42 4428
AFTN: FKKDYDYX

Volcano Watch Contact List

MET	DOUALA	Tel.:	+237 33 42 4428
		AFTN:	FKKDYMXX
		E-mail:	cmpdla@yahoo.fr
		Fax:	+237 33 42 7122
MWO	BRAZZAVILLE	Tel.:	237 42 03 785
		AFTN:	FCBBYMXX
		E-mail:	cvmbrazza@yahoo.fr
NOF	BRAZZAVILLE	Tel.:	+242 05 547 8182
		AFTN:	FCCCYNYX

CANADA

Volcano observatory or authority	Geological Survey of Canada Contact: Dr. Catherine Hickson	Tel.:	+1 (604) 666 9772 General phone no.: +1 (604) 666 0529 chickson@nrcan.gc.ca
		E-mail:	+1 (604) 666 7507
		Fax:	
FIR	EDMONTON		
ACC		Tel.:	+1 (780) 890 8397
		AFTN:	CZEGZQZX
		Fax:	+1 (780) 890 8011
MWO		Tel.:	+1 (780) 951 8904
		AFTN:	CWEGYMXX
		Fax:	+1 (780) 951 8872
FIR	MONCTON		
ACC		Tel.:	+1 (506) 867 7173
		AFTN:	CZQMZQZX
		Fax:	+1 (506) 867 7180
MWO	Edmonton	Tel.:	+1 (780) 951 8904
		AFTN:	CWEGYMXX
		Fax:	+1 (780) 951 8872
FIR	MONTREAL		

ACC

Tel.: +1 (514) 633 3365
AFTN: CZULZQZX
Fax: +1 (514) 633 3043

Back-up (OSS)

Tel.: +1 (514) 633 3211
Fax: +1 (514) 633 2873

MWO

Edmonton

Tel.: +1 (780) 951 8904
AFTN: CWEGYMYX
Fax: +1 (780) 951 8872

FIR

TORONTO

ACC

Tel.: +1 (905) 676 4509
AFTN: CZYZZQZX
Fax: +1 (905) 676 3121

MWO

Edmonton

Tel.: +1 (780) 951 8904
AFTN: CWEGYMYX
Fax: +1 (780) 951 8872

FIR

WINNIPEG

ACC

Tel.: +1 (204) 983 8338
AFTN: CZWGZQZX
Fax: +1 (204) 984 0030

MWO

Edmonton

Tel.: +1 (780) 951 8904
AFTN: CWEGYMYX
Fax: +1 (780) 951 8872

FIR

VANCOUVER

ACC

Tel.: +1 (604)586-4500
AFTN: CZVRZQZX
Fax: +1 (604) 586-4502

Back-up (OSS)

Tel.: +1 (604)586-4590
Fax: +1 (604) 586-4597

MWO

Edmonton

Tel.: +1 (780) 951 8904
AFTN: CWEGYMYX
Fax: +1 (780) 951 8872

FIR

GANDER DOMESTIC AND
OCEANIC

Volcano Watch Contact List

ACC		Tel.:	+1 (709) 651-5207
		AFTN:	CZQXZQZX
		Fax:	+1 (709) 651-5234
MWO	Edmonton	Tel.:	+1 (780) 951 8904
		AFTN:	CWEGYMYX
		Fax:	+1 (780) 951 8872
	Civil Aviation Contingency Operations (CACO)	Tel.:	+1 (613) 992 6853 +1 (877) 992 6853
		AFTN:	CYHQYAYB
		Fax:	+1 (613) 993 7768
NOF	NAV CANADA	Tel.:	+1 (613) 248-4087
		AFTN:	CYHQNOCX
		Fax:	+1 (613) 248-3983

Volcano Watch Contact List

Cape Verde 1

CAPE VERDE

Volcano observatory or authority	SAO VINCENTE Focal point may be contacted 24h/24 and 7d/7 Faria Bruno	Tel.:	+238 232 6622
		E-mail:	brunofaria@sapo.cv
		Fax:	+238 232 4002
FIR	SAL OCEANIC	Tel.:	+238 2433 3970
		Fax:	+238 2411730
ACC	SAL	Tel.:	+238 241 1730
		AFTN:	GVSCYCYX
		E-mail:	atcontrol@asa.cv
		Fax:	+238 241 1219
MWO	SAL	Tel.:	+238 241 1371
		AFTN:	GVACYMYX
		E-mail:	dpa.inmg@gmail.com
NOF	SAL	Tel.:	+238 241 2502
		AFTN:	GVACYNYX
		Fax:	+238 241 3336

CHILE

Volcano observatory or authority	Southern Andes Volcano Observatory (SAVO)	Mobile: +56 (45) 270 700 09 643 E-mail: hmoreno@sernageomin.cl dvasualto@sernageomin.cl +55 (92) 625 0371
	SERNAGEOMIN, Santiago	Fax: Tel.: +56 (2) 737 5050 09 649 Mobile E- mail: 5377 jnanranjo@sernageomin.cl josenaranjo@manquehue.net Fax: +56 (2) 737 9253
FIR	ANTOFAGASTA	
ACC		Tel.: +56 (55) 227 944, Ext. 1425 appantofagasta@dgac.cl AFTN: SCFAZRZX
MWO	ANTOFAGASTA	Tel.: +56 (55) 227 944, Ext. 1421/1460/1466 AFTN: SCFAYMYX SCZZMAMX cmrnorte@dgac.cl E-mail: jaravena@dgac.cl. www.dimetchi.cl +56 Internet: (55) 225 022 Fax:
FIR	SANTIAGO	
ACC		Tel.: +56 (2) 767 2001 +56 (2) 436 3004 AFTN: SCELZRZX E-mail: cta.accu@dgac.cl cta_acol@dgac.cl +56 Fax: (2) 767 1636
MWO	SANTIAGO	Tel.: +56 (2) 601 9214 +56 (2) 436 3224 AFTN: +56 (2) 436 3435 SCZZMAMX SCELYMYX metaer@meteo Chile.cl E-mail: bcoopmet@meteo Chile.cl +56 (2) 601 9214 Fax:
FIR	PUERTO MONTT	

Volcano Watch Contact List

ACC		Tel.:	+56 (65) 486 234/6
		AFTN:	SCTEZRZX
		E-Mail:	evasquez@dgac.cl +56
		Fax:	(65) 486 298
MWO	PUERTO MONTT	Tel.:	+56 (65) 486 225/6
		AFTN:	SCTEYMYX SCZZMAMX
		E-mail:	meteozonasur@dgac.cl
		Fax:	+56 (65) 486 226
FIR	PUNTA ARENAS		
ACC		Tel/Fax:	+56 (61) 219 131, Ext. 5414, 5474
		AFTN:	SCCZRZX
		E-mail:	fortiz@dgac.cl
MWO	PUNTA ARENAS	Tel.:	+56 (61) 219 131, Ext. 5423/5464
		AFTN:	SCCIYMYX SCZZMAMX
		E-mail:	meteoparenas@dgac.cl
		Fax:	+56 (61) 219 131, Ext. 5464
NOF	SANTIAGO	Tel:	+56 (2) 436 3227
		AFTN:	SCELZPZX
		E-Mail:	operaciones_amb@dgac.cl
		Fax:	+56 (2) 601 9366

China 1

CHINA

Volcano observatory or authority	Heilongjiang Wudalianchi Volcanic Monitoring Observatory Beijing		+86 (10) 8801 5518 +86 (10) 6821 0995
		Fax:	085 222 351 SSB CN
		Telex:	
FIR	BEIJING		
General Dispatching Office		Tel.:	+86 (10) 6401 2907
		AFTN:	ZBBBZGZX
		Fax:	+86 (10) 6513 5983

MWO

Tel.: +86 (10) 6459 2565
AFTN: ZBAAYMYX
Fax: +86 (10) 6459 6414

NOF

Tel.: +86 (10) 6733 7244
AFTN: ZBBYNYX
Fax: +86 (10) 6733 7244

COLOMBIA

Volcano observatory or authority	INGEOMINAS, Manizales		+57 (68) 843 020 cgar/on@ingeomin.gov.co
		E-mail:	+57 (68) 843 018
		Fax:	
	INGEOMINAS, Pasto	Tel.:	+57 (27) 314 752 +57 (27) 310 514 +57 (27) 312 595
		E-mail:	ovt@ingeominas.gov.co
		Fax:	+57 (27) 310 514
	INGEOMINAS, Popayán	Tel.:	+57 (28) 242 341 +57 (28) 242 057 +57 (28) 240 210
		Fax:	+57 (28) 241 255
FIR	BARRANQUILLA		
ACC		Tel.:	+57 (5) 334 8075 +57 (5) 334 8503
		AFTN:	SKBQZQZX
		E-mail:	Maritza.lopez@aerocivil.gov.co
		Fax:	+57 (5) 334 8503
MWO	BOGOTA		
		Tel.:	+57 (1) 413 8792 +57 (1) 266 2481
		AFTN:	SKBOYMYX
		E-mail:	fhidalgo@ideam.gov.co
		Fax:	+57 (1) 413 8440
FIR	BOGOTA		
ACC		Tel.:	+57 (1) 413 9998 +57 (1) 266 3460 +57 (1) 413 5445
		AFTN:	SKBOZQZX
		E-mail:	jcamirez@aerocivil.gov.co
		Fax:	+57 (1) 413 5376
MWO	BOGOTA		
		Tel.:	+57 (1) 413 8792 +57 (1) 266 2481
		AFTN:	SKBOYMYX
		E-mail:	fhidalgo@ideam.gov.co
		Fax:	+57 (1) 413 8440

Volcano Watch Contact List

NOF	BOGOTA	Tel.:	+57 (1) 266 2552
		AFTN:	SKBOYNYX
		E-mail:	ais@aerocivil.gov.co +57
		Fax:	(1) 413 8631

Comoros 1

COMOROS

Volcano observatory or authority	Observatoire volcanologique du Karthala Moroni	Fax:	+269 744187 +269 744189
FIR	ANTANANARIVO	Tel.:	+261 2258113
		AFTN:	FMMIYKYX
		Fax:	+261 2258125
ACC		Tel.:	+261 2258125
		AFTN:	FMMIZIZX/FMMIZQZX
MET		Tel.:	+261 2258113
		AFTN:	FMMIYYMYX
		E-mail:	meteoprevi@asecna.mg
		Fax:	261 2258115
NOF		Tel:	+261 2258113
		AFTN:	FMMMYNYX
		E-Mail:	bni@asecna.mg
		Fax:	+261 2258115

COSTA RICA

Volcano observatory or authority

Observatorio Vulcanológico y Sismológico de Costa Rica (OVSICORI-UNA)
Heredia

Observatorio Sismológico y Vulcanológico de Arenal y Miravalles
San José

Chiripa Site

Tel.:

+506 261 0781
+506 261 0611
+506 277 3304
+506 277 3306
ovsicori@.una.ac.cr
+506 261 0303

E-mail:

Fax:

Tel.: +506 257 4220
Fax: +506 695 5033

Tel.:

E-mail: gainduni@cariari.ucr.ac.cr (jefe)
wtaylor@cariari.ucr.ac.cr

Fax:

+506 695 6522
+506 695 5193

FIR

CENTRAL AMERICAN

ACC*

Tel.:

AFTN: MHTGZQZX
Fax: +504 233 1219
Telex: 1523 Ho Cable Dirga
1411 Cocesna Caho

MWO*

Tel.:

+504 234 9499 (24 hrs)
+504 233 1111 (24 hrs)
+504 233 7114 (till 2200Z)
AFTN: MHTGYMYX
Fax: +504 233 8075 (till 2200Z)
+504 234 9500 (24 hrs)
Telex: 1523 Ho

*Via National ATS/MET units of Alajuela/Intl. Juan Santamaría Airport Meteorological Office:

Tel.:+ 506 441 2398 Fax: +506 442 7036
AFTN: MROCYMYX

AIS

Tel.: +506 443 3170 AFTN: MROCYOYX

Fax: +506 441 4781

Part 5. International Airways

Volcano Watch Contact List

NOF

TEGUCIGALPA

Tel.: +504 233 1141/42/43
+504 233 1349
+504 234 2407 AFTN:
MHTGNYX
Fax: +504 233 1141
+504 233 1349

Cuba 1

CUBA

**Volcano observatory
or authority**

FIR

ACC

MWO

:

Tel/Fax: (53) 7 642 6168

AFTN: MUHAYMYX

E-mail: meteof@aeronav.ecasa.avianet.cu

NOF

DEMOCRATIC REPUBLIC OF THE CONGO

Volcano observatory or authority	Observatoire Volcanologique de Goma (O.V.G.) a Goma Nord-Kivu	Tel.:	+243 0 997747150 +243 0 853111028
		E-mail:	yaliremat@yahoo.fr
FIR	KINSHASA	Tel.:	+243 810086772
		AFTN:	FZABZIZX
ACC	KINSHASA	Tel.:	+243 810086772 +243 12 8845363
		AFTN:	FZABZRZX
		Fax:	+243 12 8846540
MWO	KINSHASA	Tel.:	+243 990545307 +243 999991610 FZAAYMYX
		AFTN:	rva_meteo@yahoo.fr
		E-mail:	

Volcano Watch Contact List

NOF

KINSHASA

Tel.: +243 810086772
AFTN: FZAZYNYX
Fax: +243 12 8046540
E-mail: regiedesvoiesaeriennes@yahoo.fr

Volcano Watch Contact List

DOMINICAN REPUBLIC

Volcano observatory or authority Observatorio u Organismo de Vulcanologia

Tel.:
AFTN:
E-mail:
Fax:

FIR SANTO DOMINGO

ACC

Tel.: +1 809 549 0692
AFTN: MDCSZQZX
E-mail: dgta@idac.gov.do +1
Fax: 809 549 0692

MWO

Tel.: +1 809 549 1291, Ext. 261
AFTN: MDSDYMYX
E-mail: onametaila85@yahoo.com
Internet: www.ornamet.gob.do
Fax: +1 809 549 0256

NOF OFC NOTAM INTL

Tel.: +1 809 549 0095
AFTN: MDSD YNYX
E-mail: ais@idac.gov.do +1
Fax: 809 549 0095

Part 5. International Airways

Volcano Watch Contact List

Volcano Watch Contact List

Tel.:

Ecuador 1

ECUADOR

**Volcano observatory
or authority**

Instituto Geofisico, Quito

+593 (2) 222 5655 +593
(2) 222 5627

E-mail: geofisico@igepn.edu.ec
geofisico@accessinter.net
http://www.igepn.edu.ec
+593 (2) 256 7847

Fax:

FIR

GUAYAQUIL

ACC

Tel.: +593 (4) 228 2851
AFTN: SEGUZQZX
E-mail: accye@dgac.gov.ec 593
Fax: (4) 239 6073

MWO

GUAYAQUIL

Tel.: +593 (4) 239 2712
AFTN: SEGUYMYX
E-mail: meteorologiagye@dgac.gov.ec
mortiz@dgac.gov.ec +593 (4)
228 3748

Fax:

NOF

GUAYAQUIL

Tel.FAX: +593 (4) 228 5661
AFTN: SEGUYNXX
E-mail: notam_intl_gye@hotmail.com

El Salvador 1

EL SALVADOR

**Volcano observatory or
authority**

Servicio Nacional de Estudios
Territoriales (SNET)

Tel.:

+(503) 2267-9766
www.snet.gob.sv
descobar@snet.gob.sv
+(503) 2267 9537

Internet:

E-mail:

Fax:

FIR CENTRAL AMERICAN

ACC*

Tel.: +504 233 1503
AFTN: MHTGZQZX
Fax: +504 233 1219
Telex: 1523 Ho Cable Dirga
1411 Cocesna Caho

MWO*

Tel.: +504 234 9499 (24 hrs)
+504 2 331 111 (24 hrs)
AFTN: +504 233 7114 (Till 2200Z)
Fax: MHTGYMYX
Telex: +504 233 8075 (till 2200Z)
+504 234 9500 (24 hrs)
1523 Ho

*Via national ATS/MET units
of San Salvador/Ilopango Intl

OMA: Tel.: +503 295 0304 +503
295 0626
Fax: +503 295 0304
E-mail:
dgrnr@es.com.sv AIS: Tel.:
+503 295 0433
San Salvador/EI Salvador Intl
OMA: Tel.: +503 339 9435

+503 339 9424
Fax: +503 339 9435
AIS: Tel.: +503 339 9455

NOF TEGUCIGALPA

Tel.: +504 233 1141/42/43
+504 233 1349
+504 234 2407 AFTN:
MHTGYNYX
Fax: +504 233 1141
+504 233 1349

ERITREA

Volcano observatory or authority	University of Asmara Geophysics Section	Fax:	+291 1 161926 +291 1 162236
FIR	ASMARA		
ACC		Tel.:	+291 1 182 752
		Fax:	+291 1 181 255
		Telex:	HHASZQZQ
MWO		Tel.:	+291 1 182 933
NOF	ASMARA	AFTN:	HHASYNXX

ETHIOPIA

**Volcano observatory
or authority**

Geophysics Observatory
Addis Ababa University

Fax: +251 1 17253
+251 1 552112

FIR

ADDIS ABABA

ACC

Tel.: +251 1 180789
AFTN: HAAAZQZX
Fax: +251 1 612533
Telex: 21162 Civilair Addis

MWO

Tel.: +251 1 180342
+251 1 512299
AFTN: HAABYMYX
Fax: +251 1 517066
Telex: 21474 T-MET-ET

NOF

ADDIS ABABA

AFTN: HAABYNYX

FRANCE

**Volcano observatory
or authority**

Observatoire
volcanologique Institut de
physique du globe de
Paris

Contact : Jean-christophe Komorowski
E-mail : jeanchristophe.komorowski@gmail.com
Mobile: +33 6 75 06 92 18
Contact : Arnaud Lemarchand
E-mail : arnaudl@ipgp.fr +33
Mobile : 6 71 25 47 89
Internet : <http://ipgp.fr>

FIR

BORDEAUX

ACC

Tel.: +33 (5) 56 55 62 52
AFTN: LFBRRZRX
Fax: +33 (5) 56 55 62 57

MWO

Tel.: +33 (5) 61 07 82 31
AFTN: LFPWYMYX
Fax: +33 (5) 61 07 82 54

FIR

BREST

ACC

Tel.: +33 (2) 98 37 34 36
AFTN: LFRZRZRX
Fax: +33 (2) 98 37 34 94

MWO

Tel.: +33 (5) 61 07 82 31
AFTN: LFPWYMYX
Fax: +33 (5) 61 07 82 54

FIR

PARIS

ACC

Tel.: +33 (1) 69 57 66 61
AFTN: LFFFZQZX
Fax: +33 (1) 69 57 66 69

MWO

Tel.: +33 (5) 61 07 82 31
AFTN: LFPWYMYX
Fax: +33 (5) 61 07 82 54

FIR

REIMS

ACC

Tel.: +33 (3) 26 84 62 32
AFTN: LFEEZRZX
Fax: +33 (3) 26 84 62 45

MWO

Tel.: +33 (5) 61 07 82 31
AFTN: LFPWYMYX
Fax: +33 (5) 61 07 82 54

FIR

MARSEILLE

ACC

Tel.: +33 (4) 42 33 76 76
AFTN: LFMMZRZX
Fax: +33 (4) 42 33 79 89

MWO

Tel.: +33 (5) 61 07 82 31
AFTN: LFPWYMYX
Fax: +33 (5) 61 07 082 54

NOF

BORDEAUX

Tel.: +33 (5) 57 92 57 92
Fax: +33 (5) 57 92 57 99
AFTN: LFFAYNYX
E-mail: nof.ops@aviation-civile.gouv.fr

FRENCH ANTILLES (FRANCE)

**Volcano observatory
or authority**

GUADELOUPE

Observatoire volcanologique de la
Soufrière

Tel.: +590 5 90 99 11 33
Fax: +590 5 90 99 11 34
Contact: Roberto Moretti
E-mail: direction@ovsg.univ-ag.fr
moretti@ipgp.fr +590 6 90
55 46 45 or
Mobile: +590 6 90 35 11 13

MARTINIQUE

Observatoire volcanologique de la
Montagne Pelée

Tel.: +596 5 96 78 41 41
Fax: +596 5 96 55 80 80
Contact: Anne-Marie Lejeune
E-mail: lejeune@ipgp.fr +596
6 96 80 02 53 or
Mobile: +596 6 96 41 48 42

FIR

PIARCO

ACC

Tel.: +1 (868) 669 4852
AFTN: TTZPZQZX
Fax: +1 (868) 669 4259
Telex: CIVILAV TRINIDAD

MWO

Tel.: +1 (868) 669 4392
AFTN: TTPPYMYX
E-mail: dirmet@tstt.net.tt,
synop@tstt.net.tt +1
Fax: (868) 669 4727
Telex: 25311 WG

NOF

PIARCO

AFTN: TTPPYNYX

GREECE

Volcano observatory or authority

Aristotle University of Thessaloniki, Tel.: +30 31 998475
Faculty of Science, School of E-mail: fytikas@geo.auth.gr
Geology Fax: +30 31 998482

Institute for the Study and MonitoringTel.: +30 28 624065
of the Santorini Volcano E-mail: ismosav@otenet.gr
(ISMOSAV) Internet: <http://www.santonet.gr/volcano>
Fax: +30 28 624065

NOF

ATHINAI

AFTN:

LGGGYNYX

GRENADA

**Volcano observatory
or authority**

FIR

PIARCO

ACC

Tel.: +1 (473) 444-4114
Fax: +1 (473) 444-4838

MWO

Tel.: +1 (473) 444-4142
Fax: +1 (473) 444-1574

Volcano Watch Contact List

NOF

TEGUCIGALPA

Tel.: +504 233 1141/42/43
+504 233 1349
+504 234 2407 AFTN:
MHTGYNXX
Fax: +504 233 1141
+504 233 1349

GUYANA

**Volcano observatory
or authority**

Guyana Geology and Mines
Commission

+592 (2) 53047
ggmc@sdpn.org.gy
E-mail: +592 (2) 53047
Fax:

FIR

GEORGETOWN

ACC

GEORGETOWN

Tel.: +592 261 2245
AFTN: SYCJZQZX
Fax: +592 261 2279

MWO

TIMEHRI

Tel.: +592 261 3065
AFTN: SYCJYMYX
Fax: +592 261 2284
E-mail: s.h.williams@hydromet-gv

NOF

TIMEHRI

Tel.: +592 261 2269
AFTN: SYCJYNYX
Fax: +592 261 2279 ais@gcaa-
gy.org
E-mail

Tel.:

Honduras 1

HONDURAS

**Volcano observatory or
authority**

FIR

ACC

Tegucigalpa

Tel.:

(504) 234 3358

(504) 234 3360 ext. 1310/1314

AFTN

MHCCZQZX

Fax:

(504) 234 2507

Part 5. International Airways

Volcano Watch Contact List

MWO	Tegucigalpa	Tel:	(504) 2331 111/2349 500/2331114MHTGYMYX
		AFTN:	met_aerohonduras@smn.gob.hn
		E-mail:	smn.honduras@gmail.com jefatura@smn.gob.hn
		Internet:	www.smn.gob.hn
		Fax:	(504) 233 8075/234 9500
NOF	Tegucigalpa	Tel./Fax:	(504) 234 3360 ext. 1271/1359
		AFTN:	MHTG YNYX
		E-mail:	notam@cocesna.org

Tel.:

Iceland 1

ICELAND

**Volcano observatory
or authority**

Dr. Sara Barsotti
Icelandic MET Office
Department of Monitoring and
Forecasting
Reykjavik

E-mail: +354 522 6162
sara@vedur.is
Fax: +354 522 6001

FIR

REYKJAVIK

ACC

Tel.: +354 424 4141
E-mail: atc@isavia.is
Fax: +354 569 4200

MWO

Tel.: +354 522 6000
AFTN: BIRKMYX
E-mail: operator@vedur.is
Fax: +354 522 6001

Part 5. International Airways

Volcano Watch Contact List

NOF

REYKJAVIK

Tel.: +354 424 4294
AFTN: BIRKYNXX
E-mail: notam@isavia.is
Fax: N/A

ILE DE LA RÉUNION (FRANCE)

Volcano observatory	Observatoire volcanologique		+262 2 62 27 59 26
or authority	du Piton de la Fournaise	Fax:	+262 2 62 59 12 04
		Contact:	Aline Peltier
		E-mail:	peltier@ipgp.fr
		Mobile:	+262 6 92 62 14 49 or +262 6 92 87 73 77
FIR	ANTANANARIVO		
ACC		Tel.:	+261 2022 58113/58114/58116, Ext. 21
		Fax:	+261 2022 58115
MWO		Tel.:	+261 2022 58113/58114/58116, Ext. 3311
		E-mail:	previmtofmmi@asecna.org
		Fax:	+261 2022 58115

Volcano Watch Contact List

NOF ANTANANARIVO Tel.:
AFTN: FMMMMYNYX

Indonesia 1

INDONESIA

Volcano observatory or authority Volcanological Survey of Indonesia, Bandung +62 22 72606 +62 22 771 402
E-mail: vsimvo@ibm.net
Fax: +62 22 702761
Telex: 73 28337 SDM BD

FIR JAKARTA

ACC Tel.: +62 21 550 6178
AFTN: WIIIZQZX
Fax: +62 21 550 1129
Telex: 44946 PBSH IA

MWO Tel.: +62 21 550 6116
AFTN: WIIIMYX

FIR UJUNG PANDANG

Volcano Watch Contact List

ACC		Tel.:	
		Tel.:	+62 411 510 253
		AFTN:	WAAAZRZX
		Telex:	71434 PAPHND IA
MWO		Tel.:	+62 411 510 252
		AFTN:	WAAAYMYX
		Fax:	+62 411 510 587
NOF	JAKARTA	AFTN:	WIIXYNYX
		Fax:	+62 21 550 1129

Italy 1

ITALY

**Volcano observatory
or authority**

Instituto Nazionale di
Geofisica e Vulcanologia —
Osservatorio Vesuviano
Napoli
referred to Vesuvius/Campi Flegrei

E-mail:

+39 (08) 1610 8300 Monitoring
room (24/7) presidio@ov.ingv.it

Instituto Nazionale di Geofisica
e Vulcanologia —
Osservatorio Etneo Catania
referred to Etna/Stromboli/Vulcano

Tel.:

+39 (09) 5716 5829 Monitoring
room (24/7) turnista@ct.ingv.it

E-mail:

Volcano Watch Contact List

		Tel.:	
FIR	ROMA		
ACC		Tel.	+39 (06) 7908 6260/6542 romaacc-
		E-mail:	cso@enav.it LIRRZRZX
		AFTN:	+39 (06) 7908 6544
		Fax:	
MWO	MWO Poggio Renatico (LIIP) for MILANO FIR	Tel.:	+39 (05) 3282 8195
		E-mail:	aerocoa.aoc.smv@aeronautica.difesa.it
		AFTN:	LIIPYMYX
	MWO Pratica di Mare (LIIB) for ROME and BRINDISI FIR	Tel.:	+39 (06) 9129 3229
		E-mail:	aerocomet.2sv.pra@aeronautica.difesa.it
		AFTN:	LIIBYMYX
NOF	ITALIA	Tel.:	
		E-mail:	+39 (06) 0679 086 581/616
		AFTN:	nof@enav.it LIAYNYX

JAMAICA

**Volcano observatory
or authority**

FIR

ACC

MWO

Tel: +1 (876) 924 8055
AFTN: MKJPYMYX
E-mail: metja.nmc@infochan.com
metoffice@cwjamaica.com
Internet: www.metservice.gov.jm
Fax: +1 (876) 924 8670

NOF

Tel.:

Japan 1

JAPAN

**Volcano observatory
or authority**

Japan Meteorological Agency (JMA)
Tokyo

Tel. +81 (3) 3284 1749
E-mail: vaac.tokyo-
adm@volash.kishou.go.jp
Fax: +81 (3) 3212 3648

MWO

Japan Meteorological Agency (JMA)
Tokyo

Tel.: +81 (3) 3211 4668
AFTN: RJTDYMYX
Fax: +81 (3) 3211 4668

FIR

FUKUOKA

ACC

SAPPORO

Tel.: +81 (11) 787 4027
AFTN: RJCGZQZG
Fax: +81 (11) 784 7092

TOKYO

Tel.: +81 (42) 992 1318
AFTN: RJTGZQZG
Fax: +81 (42) 994-0942

FUKUOKA

Tel.: +81 (92) 607 9974
AFTN: RJDGZQZG
Fax: +81 (92) 607 7307

Volcano Watch Contact List

	NAHA	Tel.:	+81 (98) 858 8206
		AFTN:	RORGZQZG
		Fax:	+81 (98) 858 7427
NOF	NARITA	AFTN:	RJAAYNYX
		Fax:	+81 (476) 33 5509

Kenya 1

KENYA

Volcano observatory or authority	Geology Department Nairobi University	Fax:	+254 (20) 444 9004 +254 (20) 444 9539
---	--	------	--

FIR NAIROBI

ACC	Tel.:	+254 (20) 824 700 +254 (20) 824 566
	AFTN:	HKJKYNYX
	Fax:	+254 (20) 824 719

MWO	Tel.:	+254 (20) 822 245
	AFTN:	HKJKYMYX
	Fax:	+254 (20) 822 003

Part 5. International Airways

Volcano Watch Contact List

Tel.:

NOF

NAIROBI

AFTN:
Fax:

HKJKYNYX
+254 (20) 824 716

Tel.:

Mayotte (France) 1

MAYOTTE (FRANCE)

Volcano observatory Observatoire volcanologique +262 2 62 27 59 26
or authority du Piton de la Fournaise Fax: +262 2 62 59 12 04
Contact: Aline Peltier
E-mail: peltier@ipgp.fr
Mobile: +262 6 92 62 14 49 or
+262 6 92 87 73 77

FIR ANTANANARIVO

ACC Tel.: +261 2022 58113/58114/58116,
Ext. 21

Fax: +261 2022 58115

MWO Tel.: +261 2022 58113/58114/58116,
Ext. 3311

E-mail: previmtofmmi@asecna.org

Fax: +261 2022 58115

MEXICO**Volcano observatory
or authority**

Centro Nacional de Prevención
de Desastres
(CENAPRED)

Tel.: +52 (55) 5606 7956
E-mail: monitoreo@cenapred.unam.mx
Fax: +52 (55) 5606 1608

Centro Universitario de
Investigaciones en Ciencias
del Ambiente, Universidad
de Colima

Tel.: +52 (312) 316 1137
E-mail: galindo@ucol.mx +52
Fax: (312) 316-1137

Instituto de Geofísica,
UNAM

Tel.: +52 (55) 5622-4098, Ext. 15
E-mail: sdelacr@georfcu.unam.mx

Observatorio Vulcanológico,
Universidad de Colima

Tel.: +52 (312) 316-1134
E-mail: tonatiuh@cgic.ucol.mx +52
Fax: (312) 316-1134

ACC

MEXICO

Tel.: +52 (55) 5726 1671
AFTN: MMMXYMYT
Fax: +52 (55) 5726 1674
E-mail: centro_mexico@yahoo.com

MWO

Tel.: +52 (55) 5802 8520
AFTN: MMMXYMYX
E-mail: capma@sct.gob.mx
Internet: www.capma.com

ACC

MERIDA

Tel.: +52 (999) 946 1347
AFTN: MMMDXTYA
Fax: +52 (999) 946-1327
E-mail: centromerida@hotmail.com

ACC

MAZATLAN

Tel./Fax: +52 (669) 981 1063
AFTN: MMMZNMXO
E-mail: josegalindo@hotmail.com

ACC

MONTERREY

Tel./Fax: +52 (81) 8369 0883
AFTN: MMMYXTYA
Fax: +52 (81) 8369-0950
E-mail: Felipe1822@yahoo.com.mx

Volcano Watch Contact List

NOF	MEXICO	Tel./Fax:	+52 (55) 5786 5519
		AFTN:	MMMXYNXX
		E-mail:	Ais_pcr@sct.gob.mx

Montserrat (United Kingdom) 1

MONTERRAT (UNITED KINGDOM)

Volcano observatory or authority	Montserrat Volcano Observatory	Tel.:	+1* (664)** 491 5647 +1 (664) 491 0002
		E-mail:	mvomail@mvo.ms
		Fax:	+1 (664) 491 2423

	from 0600 to 1800 hrs — Bramble Airport	Tel.:	+1 (664) 491 5647
		Fax:	+1 (664) 491 2423

	British Geological Survey	Tel.:	+44 (115) 936 3100
		E-mail:	u.name@bgs.ac.uk
		Fax:	+44 (115) 936 3200

FIR **PIARCO**

ACC

		Tel.:	+1 (868) 669 4852
		AFTN:	TTZPZQZX
		Fax:	+1 (868) 669 4259
		Telex:	CIVILAV TRINIDAD

MWO

		Tel.:	+1 (868) 669 4392
		AFTN:	TTPPYMYX
		Fax:	+1 (868) 669 4727
		Telex:	25311 WG

NOF **PORT OF SPAIN**

		Tel.:	+1 (868) 669 4128 +1 (868) 625 9843
		AFTN:	TTPPYNYX
		Fax:	+1 (868) 669 1716

* For Canada, United States and the Caribbean only.
** Or 868.

NETHERLANDS ANTILLES (NETHERLANDS)

Volcano observatory or authority

Tel.:
E-Mail:
Fax:

FIR CURACAO

Tel.:
E-Mail:
Fax:

MWO WILLEMSTAD

Tel.: 599 9 839 3360
AFTN TNCCYMYX
E-Mail: cur-
met@meteo.an
Internet: www.meteo.an 599
Fax: 9 869 2699

NOF

Tel.: 599 9 839 3510
E-Mail: AISNA@naatc.an
Fax: 599 9 868 3012

NEW ZEALAND

Volcano observatory or authority	Wairakei Research Centre	Tel.:	+64 (7) 374 8211
		Fax:	+64 (7) 374 8199

FIR	NEW ZEALAND
------------	-------------

ACC		Tel.:	+64 (3) 358 1694
		AFTN:	NZCHZRZX
		Fax:	+64 (3) 358 9192

MWO		Tel.:	+64 (4) 470 0816
		AFTN:	NZKLYMYX
		Fax:	+64 (4) 470 0801

FIR	AUCKLAND OCEANIC
------------	------------------

ACC		Tel.:	+64 (9) 275 9817
		AFTN:	NZZOZQZX
		Fax:	+64 (9) 275 3627

MWO		Tel.:	+64 (4) 470 0801
		AFTN:	NZKLYMYX
		Fax:	+64 (4) 470 0801

NOF	CHRISTCHURCH	Tel.:	+64 (3) 358 1688
		AFTN:	NZCHYNYX
		Fax:	+64 (3) 358 9192

NICARAGUA

Volcano observatory or authority	Dirección General del Instituto Nicaragüense de Estudios Territoriales (INETER), Managua	Tel.:	+505 (2) 492 757 +505 (2) 492 759 +505 (2) 496 986
		E-mail:	ineter.disup@netport.com.ni
		Fax:	+505 (2) 491 890

Dirección de Meteorología	Tel.:	+505 (2) 492 755
	E-mail:	metineter@ibw.com.ni
	Fax:	+505 (2) 492 755

Volcano Watch Contact List

	Oficina MET (Aeropuerto)	Tel.: E-mail:	+505 (2) 331 321 metsinop@ibw.com.ni aeronautica@met.ineter.gob.ni
	Dirección de Vulcanología	Tel.: Fax:	+505 (2) 492 761 +505 (2) 496 987 +505 (2) 491 082
FIR	CENTRAL AMERICAN		
ACC*		Tel.: AFTN: Fax: Telex:	+504 233 1503 MHTGZQZX +504 233 1219 1523 Ho Cable Dirga 1411 Cocesna Cahó
MWO*		Tel.: AFTN: Fax: Telex:	+504 233 1111 (24 hrs) +504 234 9499 (24 hrs) +504 233 7114 (till 2200Z) MHTGYMYX +504 233 8075 (till 2200Z) +504 234 9500 (24 hrs) 1523 Ho
			*Via national ATS/MET units of Managua/Oma
		Tel.: Fax:	+505 233 1925 +505 233 1321 (MET) +505 233 1610
		AIS (airport) Fax:	+505 233 1765
NOF	TEGUCIGALPA	Tel.: Fax:	+504 233 1141/42/43 +504 233 1349 +504 233 2407 AFTN: MHTGYNXX +504 233 1141 +504 233 1349

Pakistan 1

PAKISTAN

**Volcano
observatory or
authority**

Director, Geophysical Centre

Tel.: +92 (81) 853 032
Fax: +92 (81) 853 032

Part 5. International Airways

Volcano Watch Contact List

	International Airways Volcano Watch Officer	Tel.:	+92 (21) 457 91300 +92 (21) 457 91302
		Fax:	+92 (21) 921 8282 +92 (21) 811 2885
NOF	KARACHI	AFTN: Telex:	OPKCYNYX CIVILDROME KARACHI

PANAMA**Volcano observatory or authority** Instituto de Geociencias

Tel.: + (507) 523 2071
 + (507) 523 2072
 + (507) 269 5744
 E-mail: igc2@ancon.up.ac.pa
 Fax: + (507) 263 7671

FIR PANAMA**ACC**

Tel.: + (507) 501 9807
 AFTN: MPPCICPX MPZLZQZX
 E-mail: mailto@aeronautica.gob.pa
 edgarcia@aeronautica.gob.pa
 Fax: + (507) 501 9849/(507) 6393 0964

MWO PANAMA

Tel: + (507) 238 2611/2650
 AFTN: MPTOYMYX
 E-mail: meteortoc@aeronautica.gob.pa
 Fax: + (507) 238 4678

NOF PANAMA

Tel. + (507) 238 2615,/2616
 AFTN: MPTOYNYX
 E-mail: aisnof@aeronautica.gob.pa
 Fax: + (507) 238 2617

PAPUA NEW GUINEA**Volcano observatory or authority** Rabaul Volcano Observatory

Tel.: +675 982 1699
 E-mail: rvo@global.net.pg
 Fax: +675 982 1004

FIR PORT MORESBY**ACC**

Tel.: +675 325 0931
 +675 325 2160
 AFTN: AYPMZRZX
 Fax: +675 325 4094

FIC

Tel.: +675 324 4821
 +675 325 6787
 AFTN: AYPMYSYX
 Fax: +675 325 4094

Volcano Watch Contact List

MWO		Tel.:	+675 325 2788 +675 325 5544 +675 325 2755
		AFTN:	AYPMYMYX
		E-mail:	facilities@pngmet.gov.pg
		Fax:	+675 325 5201 +675 325 2740
NOF	PORT MORESBY	Tel:	+675 324 4724
		AFTN:	AYPMYNYX
		Fax:	+675 323 9885

Paraguay 1

PARAGUAY

Volcano observatory or authority

FIR	ASUNCIÓN		
ACC		Tel.:	+595 (21) 646 082
		AFTN:	SGASZRZX SGZZMAMX
		E-Mail:	acc_sgas@dinac.gov.py
		Fax:	+595 (21) 646 081
MWO	ASUNCIÓN	Tel.:	+595 (21) 646 095
		AFTN:	SGASYMYX SGZZMAMX
		E-Mail:	aeronautica_dmh@dinac.gov.py
		Fax.:	+595 (21) 646 095
NOF	ASUNCIÓN	Tel.:	
		AFTN:	+595 (21) 646 952
		E-mail:	SGASYNYX SGZZMAMX
		Fax:	ais.ad_nof@hotmail.com +595 (21) 229 949

Volcano Watch Contact List

Peru 1

PERU

Volcano observatory or authority	Instituto Geofísico del Perú, Arequipa Contact: Mr. Orlando Macedo	Tel./Fax: E-mail:	+51 (54) 251 373 omacedo@geo.igp.gob.pe
	Instituto Geofísico del Perú, Lima Contact: Mr. Edmundo Norabuena	Tel.: E-mail: Fax:	+51 (1) 317 2325 enorab@nazca.igp.gob.pe +51 (1)317 2321
FIR	LIMA-CALLAO		
ACC		Tel.: AFTN: E-mail:	+51 (1) 708 1157 +51 (1) 708 1158 SPIMZQZX acclima@corpac.gob.pe jmontalvo@corpac.gob.pe
MWO	LIMA-CALLAO	Tel.: AFTN: E-mail: Fax:	+51 (1) 708 1181 +51 (1) 708 1180 SPZZMAMX SPIMYMYX pronostico@corpac.gob.pe +51 (1) 708 1180
NOF	LIMA-CALLAO	Tel./Fax: AFTN: E-mail: Fax:	+51 (1) 414 1435 +51 (1) 708 1173 +51 (1) 708 1172 SPIMYNYX SPIMYOYX aisaro@corpac.gob.pe +51 (1) 414 1435

Philippines 1

PHILIPPINES

Volcano observatory or authority	Philippines Institute of Volcanology and Seismology	Tel.: Fax:	+63 (2) 426 1468 to 1479 +63 (2) 926 3225 +63 (2) 929 8961
FIR	MANILA		

Volcano Watch Contact List

ACC		Tel.:	+63 (2) 8799 180 to 183 +63 (2) 759 9643
		Tel./Fax:	+63 (2) 851 0639
		AFTN:	RPHIZRZX
FOBS		Tel./Fax:	+63 (2) 832 3037
		AFTN:	RPLLYIX
MWO	Aviation Meteorological Service Office (AMSO), Philippines Atmospheric, Geophysical and Astronomical Services Administration (PAGASA)	Tel./Fax.:	+63 (2) 832 2927 +63 (2) 832 3023 +63 (2) 832 2596 RPLLYMYX
		AFTN:	pagasa.naia@pacific.net.ph
		E-mail:	
NOF	MANILA	AFTN:	RPLLYNYX
		Fax:	+63 (2) 832 3037

Portugal 1

PORTUGAL

Volcano observatory or
authority

	AZORES João Luís Gaspar Observatório Vulcanológico da Universidade dos Açores	Tel.:	+351 296 650 147
		E-mail:	jlgaspar@notes.uac.pt
		Fax:	+351 296 650 142
FIR	ST. MARIA OCEANIC	Tel.:	+351 296 886 299 +351 296 820 400
		E-mail:	smaoacc@nav.pt
		Fax:	+351 296 886 863
		AFTN:	LPPOZOZX
FIR	LISBOA		
ACC		Tel.:	+351 218 553 314
		Fax:	+351 218 553 658
MWO		Tel.:	+351 218 474 583
		E-mail:	met.aero@ipma.pt
NOF	LISBOA	Tel.:	+351 218 553 342
		Fax:	+351 218 553 653
		AFTN:	LPPPYNYX

PUERTO RICO

**Volcano observatory
or authority**

FIR

ACC

MWO

Tel: +1 (787) 253 4586
AFTN: TJSJYMYX
E-mail: israel.matos@noaa.gov
Fax:

NOF

RUSSIAN FEDERATION

Volcano observatory or authority

KAMCHATKA AND NORTHERN KURILES

Dr. Olga Girina
Kamchatkan Volcanic Eruption
Response Team (KVERT)
Institute of Volcanology and
Seismology FED RAS

Tel.: +7 4152 202044
E-mail: girina@kscnet.ru
Internet: www.kscnet.ru/vs/kvert/index.html
Fax: +7 4152 202044

KURILES

Dr. Alexander Rybin
Sakhalin Volcanic Eruption
Response Team (SVERT)

Tel: +7 4242 791667
E-mail: rybin@imgg.ru +7
Fax: 4242 791517

FIR PETROPAVLOVSK-KAMCHATSKY

ACC

Tel.: + 7 (415) 21 11 696
Fax: + 7 (415) 31 99 395
AFTN UHPPZRZX

MWO

Tel.: +1 (907) 271 5102

NOF

MOSKVA

AFTN: UUUUYNXX
Telex: 411182 NOTAM

SAINT KITTS AND NEVIS

Volcano observatory or authority

FIR PIARCO

ACC

Tel.: +1 (869) 472-2750
Fax: +1 (869) 465-9122

MWO

Tel.: +1 (869) 469 2749
Fax: +1 (869) 465 9122

SAINT LUCIA

**Volcano observatory
or authority**

FIR

PIARCO

ACC

Tel.: +1 (758) 454 6343

Fax: +1 (758) 454 5146

MWO

Tel.: +1 (758) 454-6550

E-Mail: tomauguste@yahoo.com

director@slumet.gov.lc Fax:

+1 (758) 454-9705

SOLOMON ISLANDS

Volcano observatory or authority Water and Mineral Resources Division, Ministry of Energy, Water and Minerals Tel.: +677 27521/30867
Fax: +677 25811

FIR HONIARA

ATS Tel.: +677 36430
+677 36106
+677 36326
AFTN: AGGHYSYX
Fax: +677 36775

MWO Tel.: +677 36309
+677 20046
AFTN: AGGHYMYX
Fax: +677 36618

NOF HONIARA AFTN: AGGHYNYX

SPAIN**Volcano observatory or authority**

Jesús Gómez González
Subdirector General de Astronomía, E-mail:
Geodesia y Geofísica

Tel.:

+34 91 597 97 54
jggonzalez@fomento.es

Carmen López Moreno
Directora del Observatorio Geofísico E-mail:
Central

Tel.:

+34 91 506 12 60
clmoreno@fomento.es

María José Blanco Sánchez
Directora del Centro Geofísico de
Canarias

Tel.:

E-mail:

+34 922 28 70 66
mjblanco@fomento.es

FIR

BARCELONA

ACC

Tel.:

+34 (93) 4 79 71 38

Fax:

+34 (93) 370 5250

MWO

Tel.:

+34 (91) 581 9751

+34 (91) 581 9748

Fax:

+34 (91) 581 9743

FIR

CANARIAS

ACC

Tel./Fax:

+34 (928) 577 063

MWO

Tel.:

+34 (928) 430 603

Fax:

+34 (928) 430 607

FIR

MADRID

ACC

Tel.:

+34 (91) 678 5101

Fax:

+34 (91) 656 2571

MWO

Tel.:

+34 (91) 581 9751

+34 (91) 581 9748

Fax:

+34 (91) 581 9743

NOF

MADRID

AFTN:

LEANYNYX

SURINAME

**Volcano
observatory or
authority**

FIR PARAMARIBO

ACC PARAMARIBO

Tel.: +597 325 203
AFTN: SMPMZRX
E-Mail: atssur@sr.net +597
Fax: 325 453

MWO J.A. PENDEL INTL

Tel./Fax: +597 325 206
AFTN: E- SMZZMAMX
Mail: meteozan@yahoo.com

NOF J.A. PENDEL INTL

Tel./Fax: +597 325 270
AFTN: SMJPYFYX
E-Mail: aisld@ surimail.sr

Volcano Watch Contact List

Alaska State Division
of Geological and Geophysical
Surveys
Fairbanks

Tel.: +1 (907) 474 7430
Internet: <http://www.avo.alaska.edu>
Fax: +1 (907) 474 7290

CASCADES

Volcano Observatory
Vancouver, Washington

Tel.: +1 (206) 696 7693
Fax: +1 (206) 696 7866

HAWAII

Hawaiian Volcano Observatory

Tel.: +1 (808) 967 7328
E-mail: donswan@liko.wr.usgs.gov
Fax: +1 (808) 967 8890

LONG VALLEY CALDERA

Long Valley Caldera Monitoring,
USGS

Tel.: +1 (415) 329 4795
E-mail: hill@andres.wr.usgs.gov
Fax: +1 (415) 329 5163

NEW MEXICO

Mount Erubus Volcano Observatory

Tel.: +1 (505) 835 5995
E-mail: kyle@nmt.edu +1
Fax: (505) 835 6436

FIR/CTA

Oceanic Anchorage Arctic,
Continental and Oceanic

Tel.: Admin.:
+1 (907) 269 1119 (24 hrs)
AFTN: +1 (907) 269 1103
PAZAZRZX
Fax: Call 24-hour number and advise fax
incoming
+1 (907) 338 7230

MWO

Anchorage*

Tel.: +1 (907) 271 5102

FIR

OCEANIC HOUSTON

2 United States

ACC	Houston	Tel.:	ACC San Juan, Puerto Rico Tel.:
		AFTN:	
		Fax:	
MWO	Miami	Tel.:	
FIR	OCEANIC NEW YORK		
ACC	New York	Tel.:	Admin.: +1 (713) 230 5300 (24 hrs) +1 (713) 230 5560 KZINZQZX Call 24-hour number and advise fax incoming +1 (713) 230 5561
		AFTN:	
		Fax:	
MWO	N of N30 Kansas City	Tel.:	+1 (305) 536 5547
	S of N30 Miami	Tel.:	Admin.: +1 (516) 468 1003 (24 hrs) +1 (516) 468 1080 KZNYZQZX Call 24-hour number and advise fax incoming +1 (516) 468 1428
FIR	OCEANIC OAKLAND		
ACC	Oakland	Tel.:	+1 (816) 426 3646
		AFTN:	
		Fax:	
MWO	W of E160 Guam	Tel.:	+1 (305) 536 5547
	S of N30 Honolulu	Tel.:	
		AFTN:	+1 (510) 797 3200, Ext. 331 (24 hrs)
		Fax:	Admin.: Ext. 469
	N of N30 Kansas City	Tel.:	KZAKZRZX +1 (510) 797 6519
	S of N30 and E of W140 Miami	Tel.:	+1 (671) 344 4125

Part 5. International Airways
Volcano Watch Contact List

Admin.:

+1 (808) 734 6630 (24 hrs)

+1 (808) 734 6667

PHZHZRZX

+1 (808) 734 2130

AFTN:

Fax:

Telex:

+1 (816) 426 3646

*Also for MWOs Fairbanks and
Juneau.

United States 3

+1 (305) 536 5547

+ 1 (787) 253 8719

TJSJYFYX

+1 (787) 253 8718

+1 (787) 253 8709

NOF

WASHINGTON

Tel.:

+1 (703) 904 4557

KDCAYNYX (admin)

KDZZNAXX (NOTAM)

+1 (703) 904 4437

892 562

URUGUAY

**Volcano observatory
or authority**

FIR MONTEVIDEO

ACC

Tel.: +598 (2) 6040295
AFTN: SUEOZQZX
E-mail: jopdta@adinet.com.uy
Fax: +598 (2) 604 0298

MWO MONTEVIDEO

Tel.: +598 (2) 200 1807
AFTN: SUMUYYMYX
E-mail: dmae@adinet.com.uy
Fax: +598 (2) 604 0242

Part 5. International Airways
Volcano Watch Contact List

NOF

MONTEVIDEO

Tel: +598 (2) 604 0067
AFTN: SUMUYNXX
E-mail: ais@adinet.com.uy
Fax: +598 (2) 604 0067

VANUATU

Volcano observatory or authority	Institut de Recherche pour le Développement (IRD)	Tel.: E-mail: Fax: Telex:	678 22268 lardy@vanuatu.orstom.fr 678 23276 1111 VANTEX NH
FIR	NADI		
ACC	Contact: Duty Oceanic ATC Officer	Tel.: AFTN: Fax:	679 725 777, Ext. 4531/4515 NFFNZRZX 679 724 600
MWO	Contact: Principal Scientific Officer	Tel.: AFTN: Fax:	679 724 888 NFFNYMYX 679 720 190
NOF	NADI		

VENEZUELA

**Volcano observatory
or authority**

FIR	MAIQUETIA		
ACC		Tel./Fax:	+58 (212) 355 2216
		AFTN:	SVZMZQZX
		E-mail:	acc@inac.gov.ve
MWO	Maiquetia		
		Tel.:	+58 (212) 303 1522
		AFTN:	SVMIMYX
		E-mail:	ovmmaiquetia@inac.gov.ve
		Fax:	+58 (212) 303 1522
NOF	Maiquetia		
		Tel./Fax:	58 (212) 355 1325
		AFTN:	SVMIMYX
		E-mail:	nofmaiquetia@inac.gov.ve notam.maiquetia@inac.gov.ve

— END —