



METEOROLOGICAL CLIMATOLOGICAL AND GEOPHYSICAL AGENCY

JUANDA SURABAYA METEOROLOGICAL STATION

ADDRESS : JUANDA INTERNATIONAL AIRPORT

Phone: 031 – 8668989 E-mail : meteojud@gmail.com

Dengan Hormat, berikut kami sampaikan UPDATE SIGMET Gunung Semeru dari FIR MAKASAR dan VAAC Darwin Tanggal 07 Januari 2022 Pukul 23.35 WIB sbb:

FVAU01 ADRM 071635

VA ADVISORY

DTG: 20220107/1635Z

VAAC: DARWIN

VOLCANO: SEMERU 263300

PSN: S0806 E11255

AREA: INDONESIA

SUMMIT ELEV: 3676M

ADVISORY NR: 2022/5

INFO SOURCE: VONA

AVIATION COLOUR CODE: RED

ERUPTION DETAILS: VA REPORTED TO FL130 AT 07/1611Z

OBS VA DTG: 07/1611Z

OBS VA CLD: VA NOT IDENTIFIABLE FM SATELLITE DATA WIND

FL010/014 300/10KT

FCST VA CLD +6 HR: 07/2211Z NOT AVBL

FCST VA CLD +12 HR: 08/0411Z NOT AVBL

FCST VA CLD +18 HR: 08/1011Z NOT AVBL

RMK: CVGHM REPORTED ERUPTION TO FL130. VA UNIDENTIFIABLE ON SATELLITE IMAGERY DUE TO MET CLOUD. HEIGHT AND WINDS BASED ON GROUND REPORT AND MODEL GUIDANCE. ADVISORY WILL BE RE-ISSUED IF NEW INFORMATION IS RECEIVED.

NXT ADVISORY: NO FURTHER ADVISORIES=



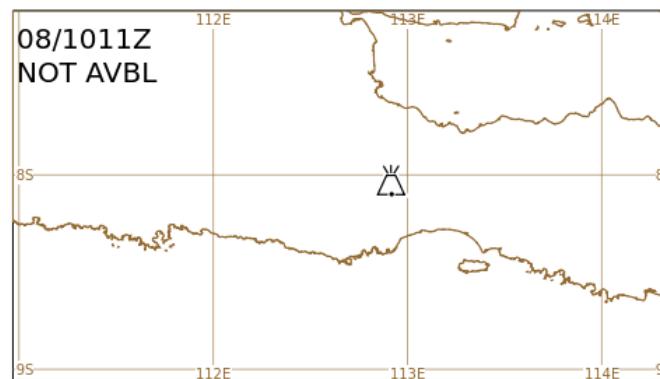
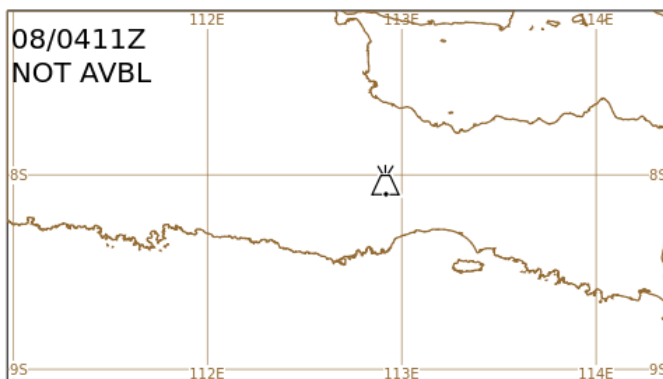
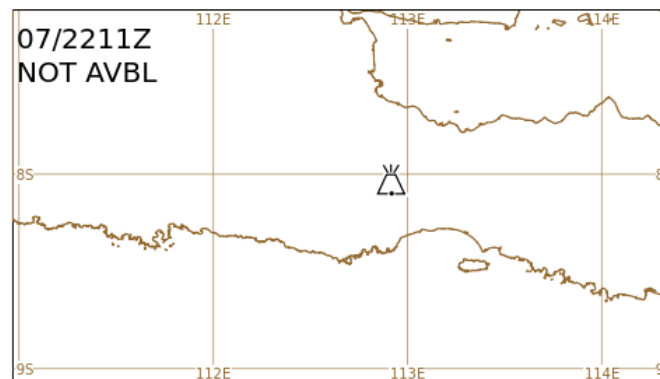
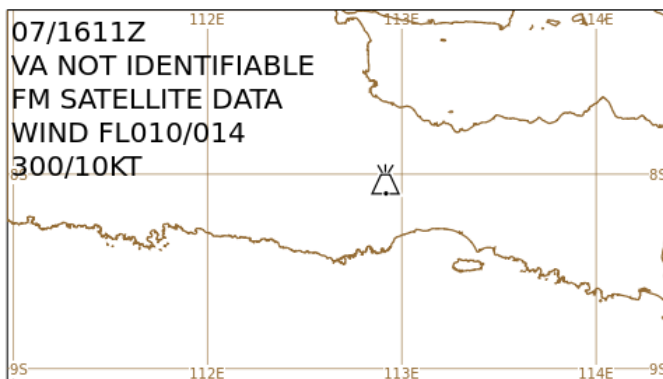
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VOLCANIC ASH ADVISORY



VOLCANIC ASH ADVISORY

DTG:	20220107/1635Z	ADVISORY NR:	2022/5
VAA:	DARWIN	INFO SOURCE:	VONA
VOLCANO:	SEMERU 263300	AVIATION COLOUR CODE:	RED
PSN:	S0806 E11255	ERUPTION DETAILS:	VA REPORTED TO FL130 AT 07/1611Z
AREA:	INDONESIA	RMK:	CVGMM REPORTED ERUPTION TO FL130. VA UNIDENTIFIABLE ON SATELLITE IMAGERY DUE TO MET CLOUD. HEIGHT AND WINDS BASED ON GROUND REPORT AND MODEL GUIDANCE.
SUMMIT	3676M		ADVISORY WILL BE RE-ISSUED IF NEW INFORMATION IS RECEIVED.
ELEV:		NXT ADVISORY:	NO FURTHER ADVISORIES



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SIGMET

WVID21 WAAA 071659

WAAZ SIGMET 39 VALID 071700/072235 WAAA-WAAZ UJUNG
PANDANG FIR VA ERUPTION MT SEMERU PSN S0806 E11255VA CLD
OBS AT 1611Z FL100/FL140 MOV SE 10KT WKN=

WIND FORECAST FLIGHT LEVEL 5000 FT



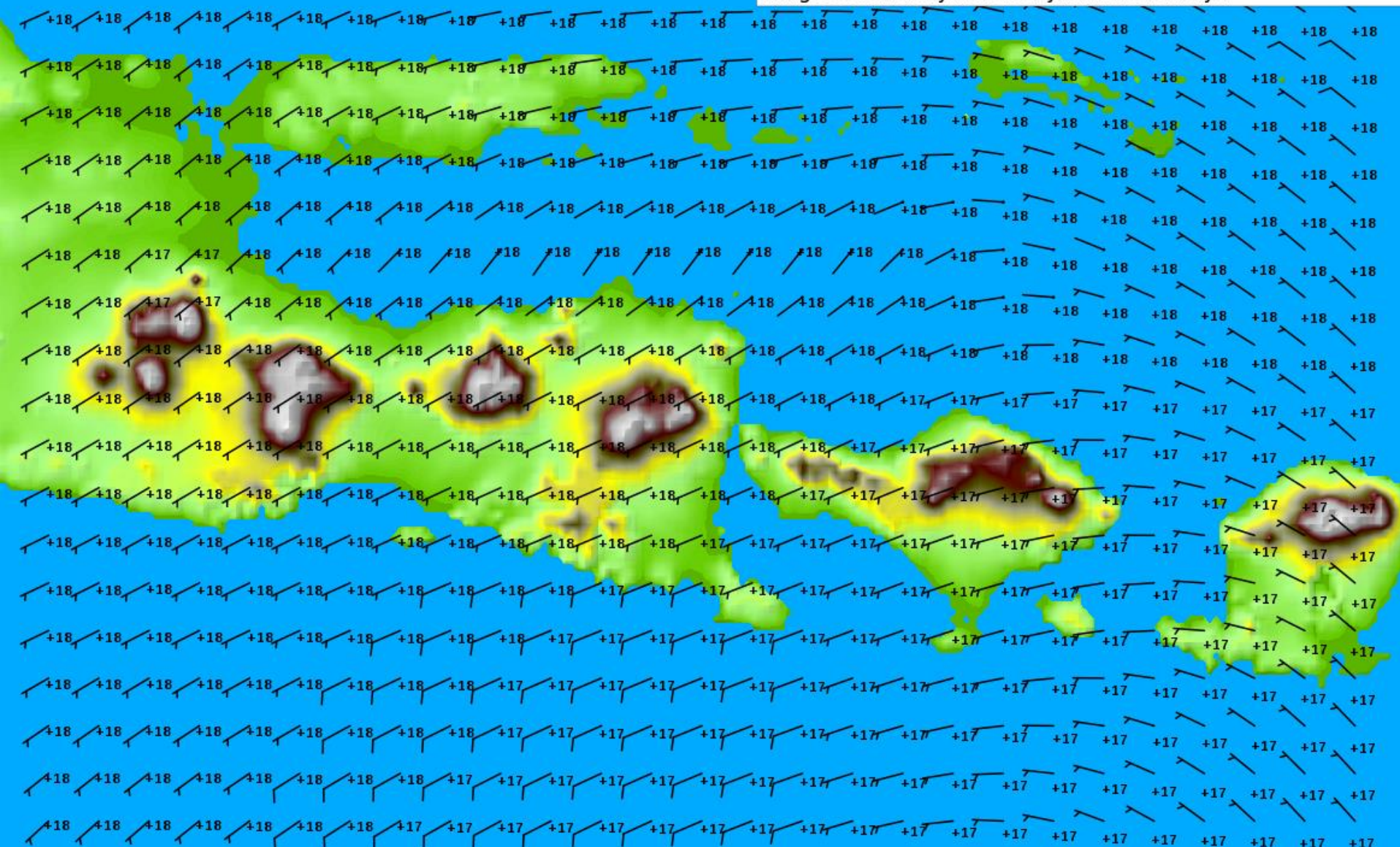
Meteorological Climatological and Geophysical Agency

Wind and temperature chart at level FL050

Validity: 08.01.2022 06:00 (based on run 07.01.2022 12:00)

Issued by WAFC London

Image Created by : Meteo. Juanda Surabaya



WIND FORECAST FLIGHT LEVEL 10.000 FT

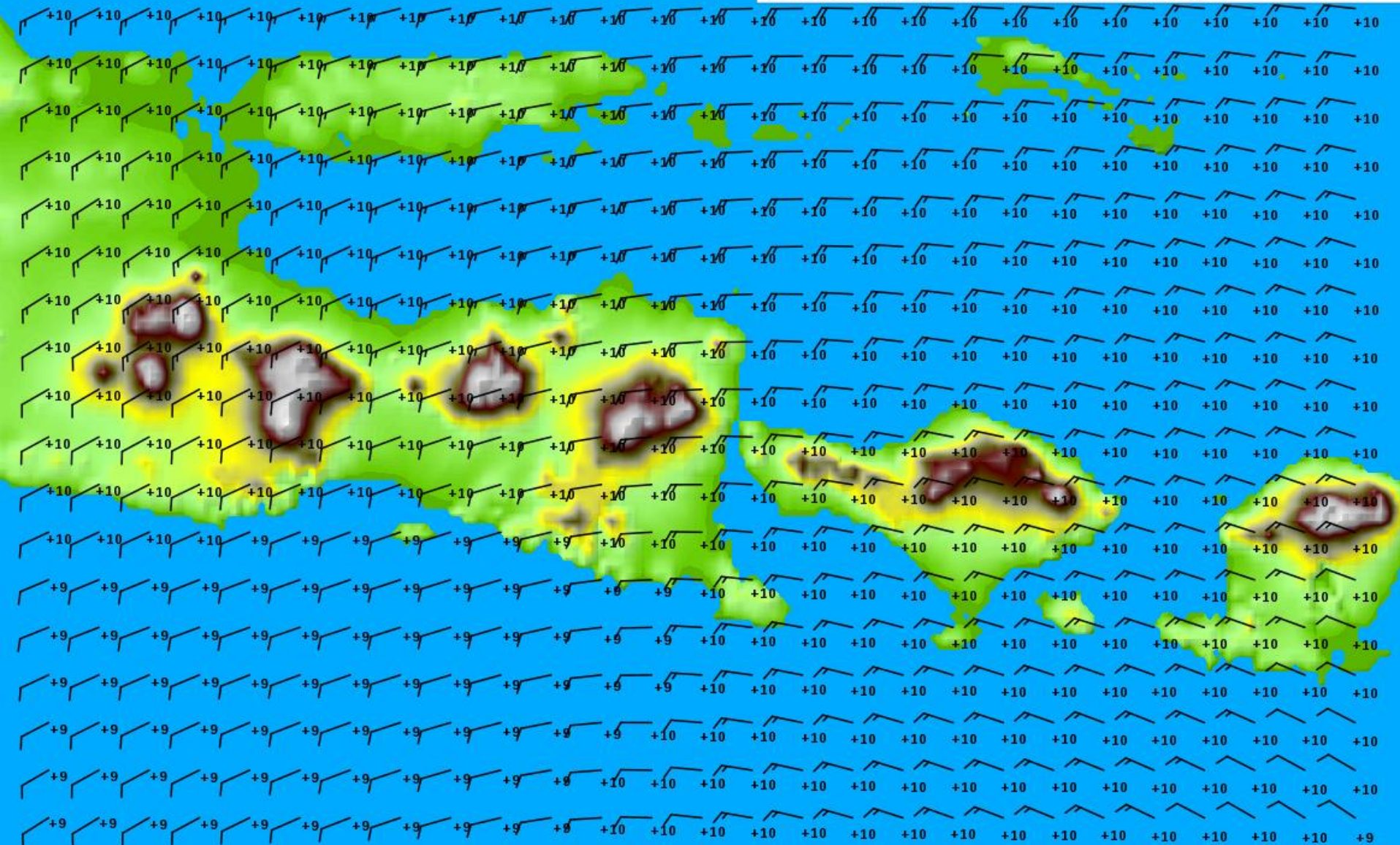


Meteorological Climatological and Geophysical Agency
Wind and temperature chart at level FL100

Validity: 08.01.2022 06:00 (based on run 07.01.2022 12:00)

Issued by WAFC London

Image Created by : Meteo. Juanda Surabaya



WIND FORECAST FLIGHT LEVEL 14.000 FT



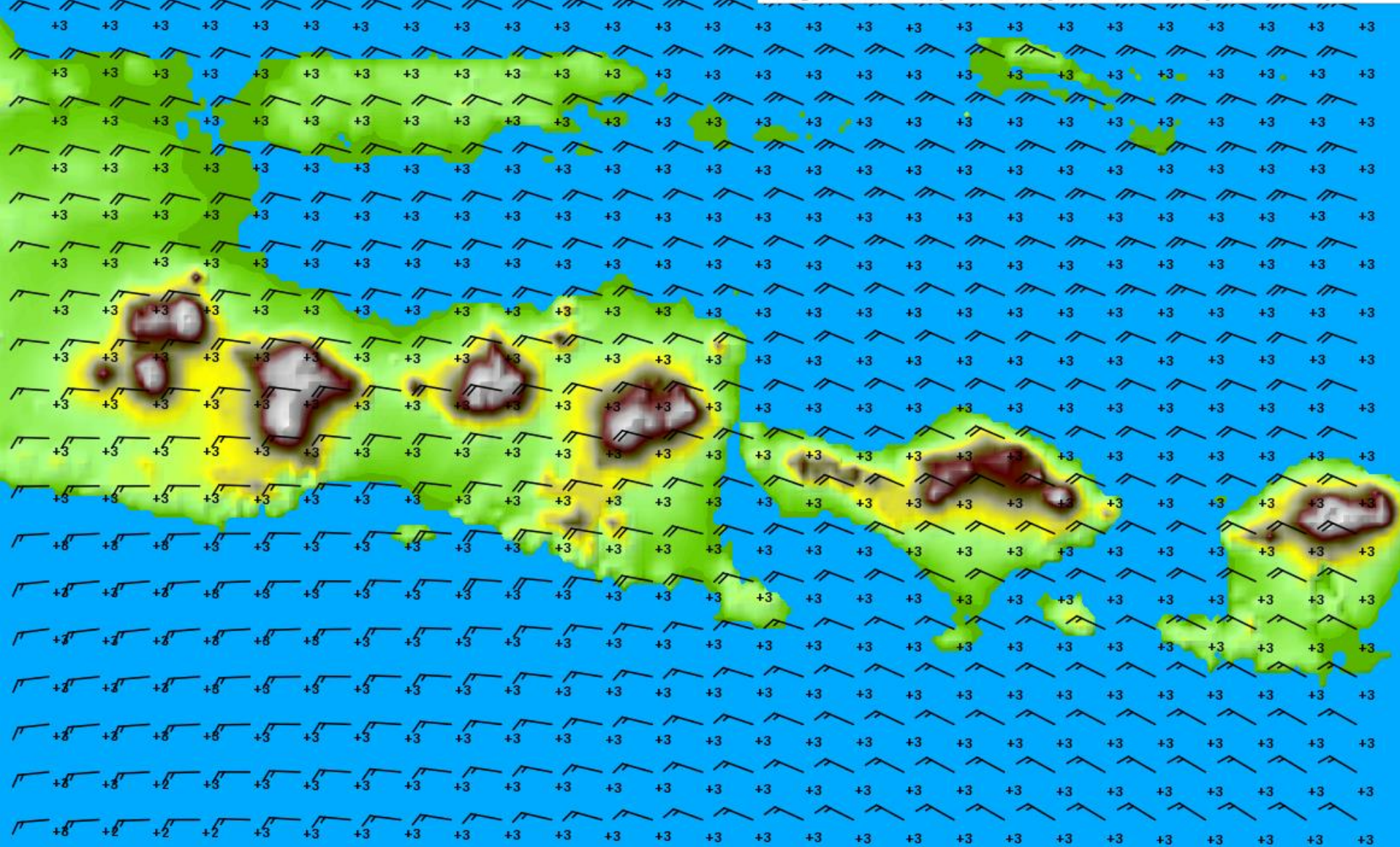
BMKG

Meteorological Climatological and Geophysical Agency Wind and temperature chart at level FL140

Validity: 08.01.2022 06:00 (based on run 07.01.2022 12:00)

Issued by WAFC London

Image Created by : Meteo. Juanda Surabaya



WIND FORECAST FLIGHT LEVEL 18.000 FT

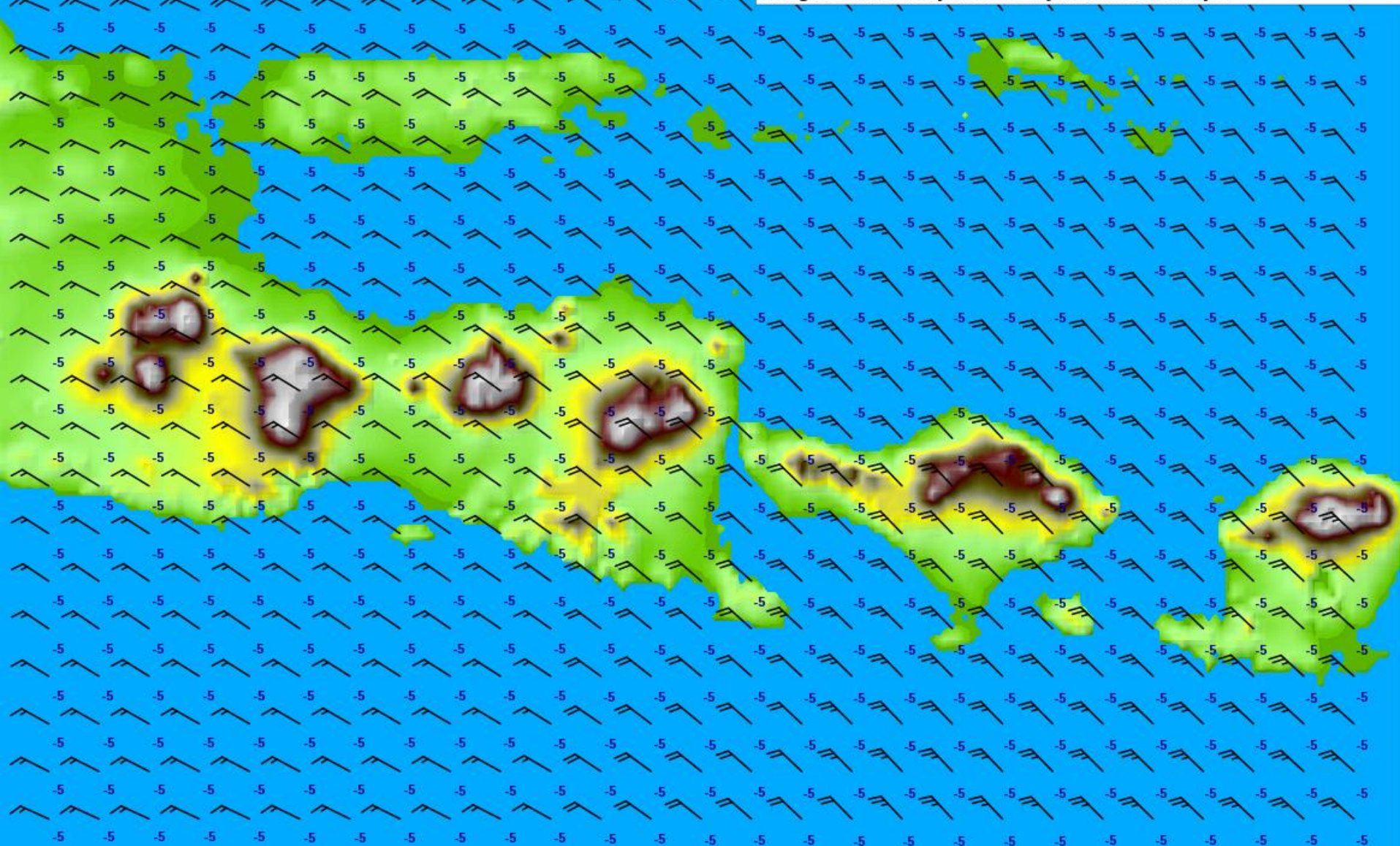


Meteorological Climatological and Geophysical Agency
Wind and temperature chart at level FL180

Validity: 08.01.2022 06:00 (based on run 07.01.2022 12:00)

Issued by WAFC London

Image Created by : Meteo. Juanda Surabaya





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KESIMPULAN

- ☐ PADA LAPISAN 5.000 FT ARAH ANGIN BERGERAK KE ARAH TIMUR LAUT DENGAN KECEPATAN 10 – 20 KM/JAM.
- ☐ PADA LAPISAN 10.000 FT ARAH ANGIN BERGERAK KE ARAH TIMUR DENGAN KECEPATAN 20 – 40 KM/JAM.
- ☐ PADA LAPISAN 14.000 FT ARAH ANGIN BERGERAK KE ARAH TENGGARA DENGAN KECEPATAN 30 - 50 KM/JAM.
- ☐ PADA LAPISAN 18.000 FT ARAH ANGIN BERGERAK KE ARAH TENGGARA DENGAN KECEPATAN 30 - 50 KM/JAM.
- ☐ BERDASARKAN SIGMET WAAA UPDATE 7 JANUARI 2022 PUKUL 23.59 WIB, TERAMATI SEBARAN DEBU ABU VULKANIK GUNUNG SEMERU PADA PUKUL 23.11 WIB, PADA KETINGGIAN 14.000 FEET, DEBU ABU VULKANIK BERGERAK KE TENGGARA DENGAN KECEPATAN 10 KNOTS DAN INTENSITAS MELEMAH.
- ☐ DIPRAKIRAKAN 6 JAM KE DEPAN PERGERAKAN DEBU VULKANIK CENDERUNG MENGARAH KE ARAH TENGGARA.