



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 31 Desember 2021 Pukul 05.25 WIB sbb:

FVAU01 ADRM 302159
VA ADVISORY
DTG: 20211230/2159Z
VAAC: DARWIN
VOLCANO: SEMERU 263300
PSN: S0806 E11255
AREA: INDONESIA
SUMMIT ELEV: 3676M
ADVISORY NR: 2021/181
INFO SOURCE: CVGHM
AVIATION COLOUR CODE: RED
ERUPTION DETAILS: VA TO FL190 MOV EAST
OBS VA DTG: 30/2205Z
OBS VA CLD: VA NOT IDENTIFIABLE FM SATELLITE DATA WIND
SFC/FL190 270/15KT
FCST VA CLD +6 HR: 31/0405Z NOT AVBL
FCST VA CLD +12 HR: 31/1005Z NOT AVBL
FCST VA CLD +18 HR: 31/1605Z NOT AVBL
RMK: CVGHM REPORTED ERUTPION TO 2000M ABV SUMMIT. VA
UNIDENTIFIABLE ON LATEST STELLITE IMAGERY DUE TO MET CLOUD
OBSCURATION. HEIGHT BASED ON GROUND REPORT AND MOVEMENT
BASED ON CONSENSUS MODEL GUIDANCE.
NXT ADVISORY: NO FURTHER ADVISORIES=



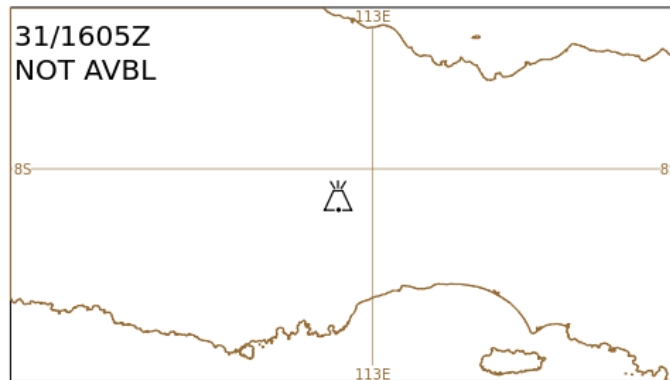
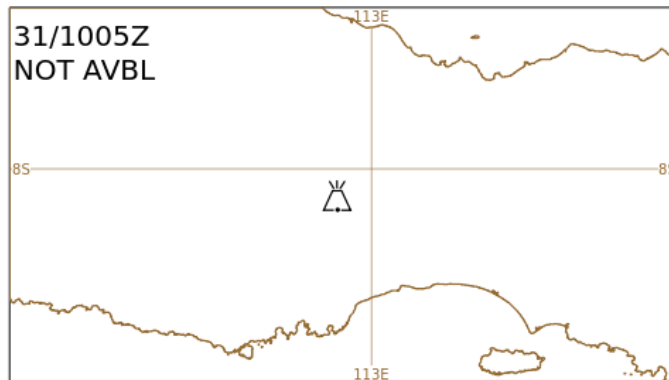
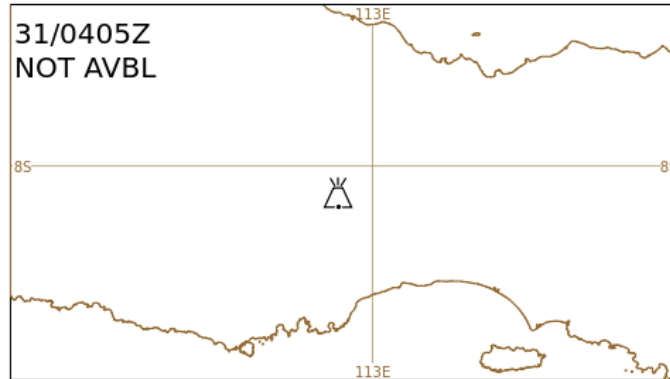
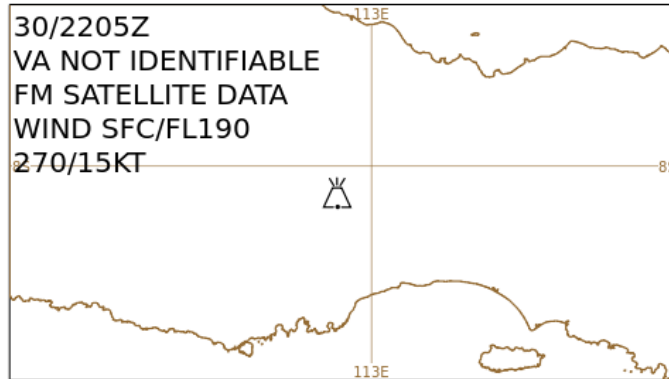
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VOLCANIC ASH ADVISORY



VOLCANIC ASH ADVISORY

DTG:	20211230/2159Z	ADVISORY NR:	2021/181
VAAC:	DARWIN	INFO SOURCE:	CVGHM
VOLCANO:	SEMERU 263300	AVIATION COLOUR CODE:	RED
PSN:	50806 E11255	ERUPTION DETAILS:	VA TO FL190 MOV EAST
AREA:	INDONESIA	RMK:	CVGHM REPORTED ERUPTION TO 2000M ABV SUMMIT. VA UNIDENTIFIABLE ON LATEST SATELLITE IMAGERY DUE TO MET CLOUD OBSCURATION. HEIGHT BASED ON GROUND REPORT AND MOVEMENT BASED ON CONSENSUS MODEL GUIDANCE.
SUMMIT	3676M	NXT ADVISORY:	NO FURTHER ADVISORIES
ELEV:			



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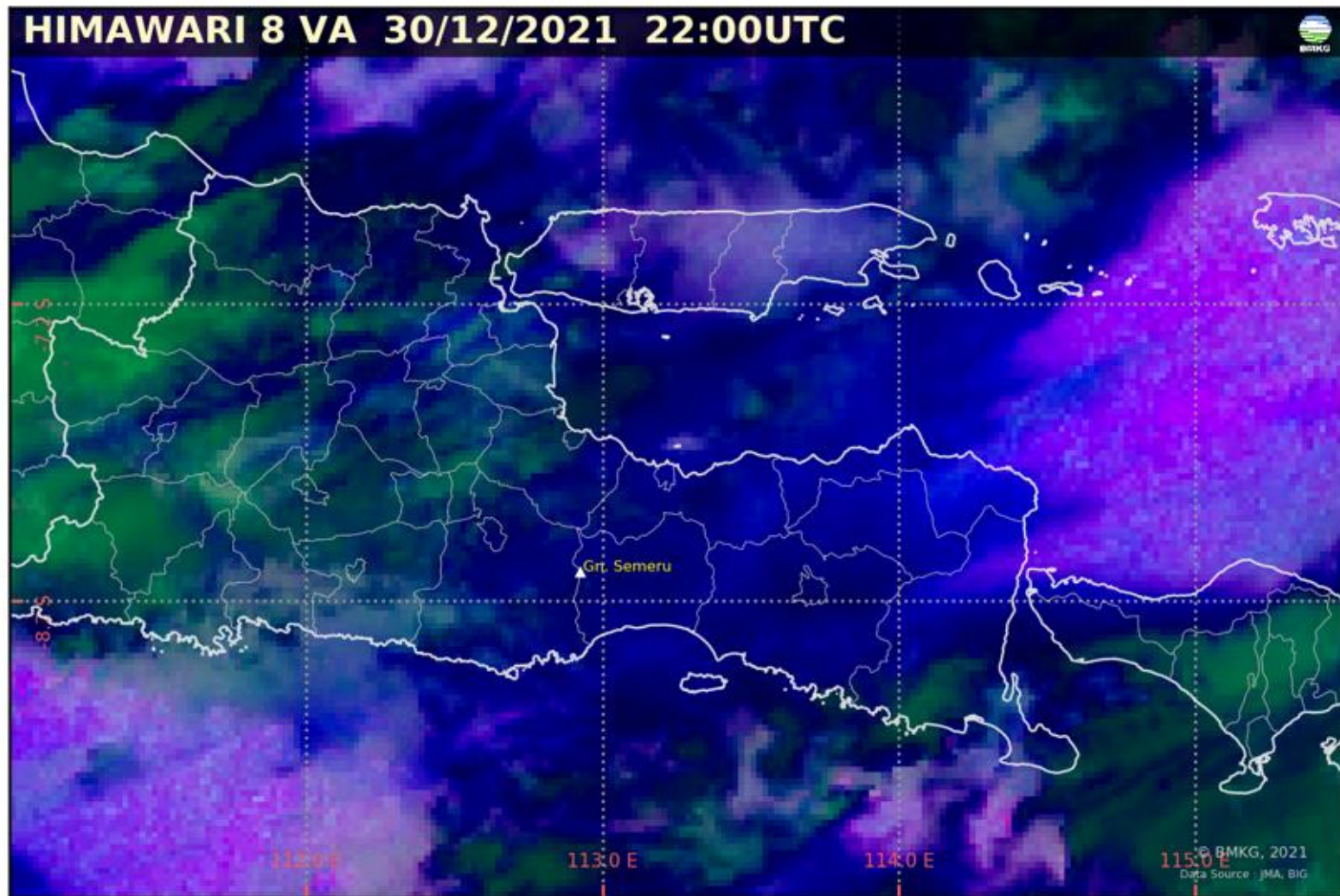
SIGMET

WVID21 WAAA 302224

WAAZ SIGMET 39 VALID 302225/310425 WAAA-WAAZ UJUNG
PANDANG FIR VA ERUPTION MT SEMERU PSN S0806 E11255VA CLD
OBS AT 2205Z SFC/FL190 MOV E 15KT WKN=



RGB Citra Satelit Cuaca Himawari
Gn. Semeru Tgl 31 Desember 2021 Pukul 05.00 WIB



Sebaran debu vulkanik Gn. Semeru saat ini
tidak dapat teramati karena tertutup awan.

WIND FORECAST FLIGHT LEVEL 5000 FT



BMKG

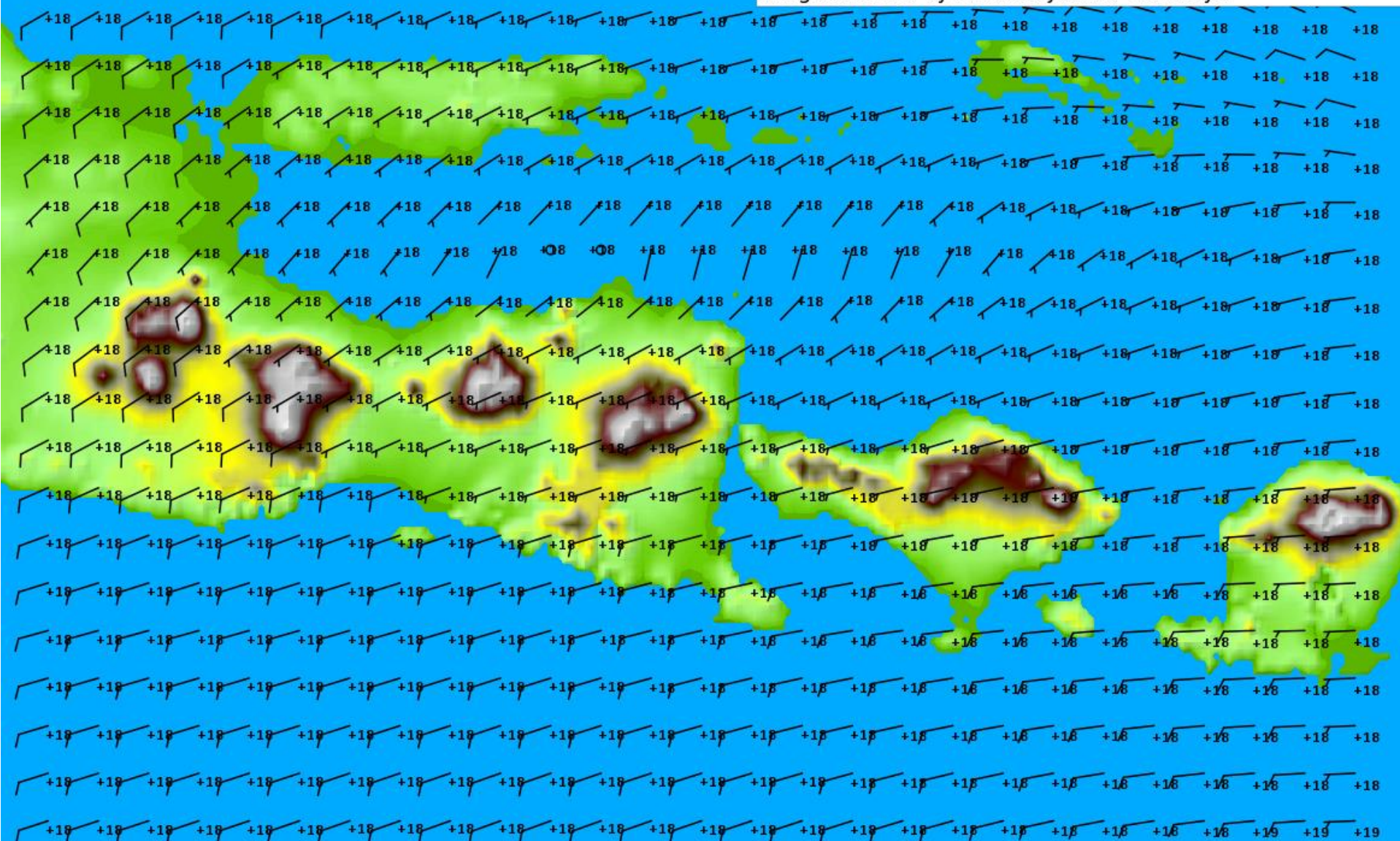
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Wind and temperature chart at level FL050

Validity: 31.12.2021 12:00 (based on run 30.12.2021 18:00)

Issued by WAFC London

Image Created by : Meteo. Juanda Surabaya



WIND FORECAST FLIGHT LEVEL 10.000 FT

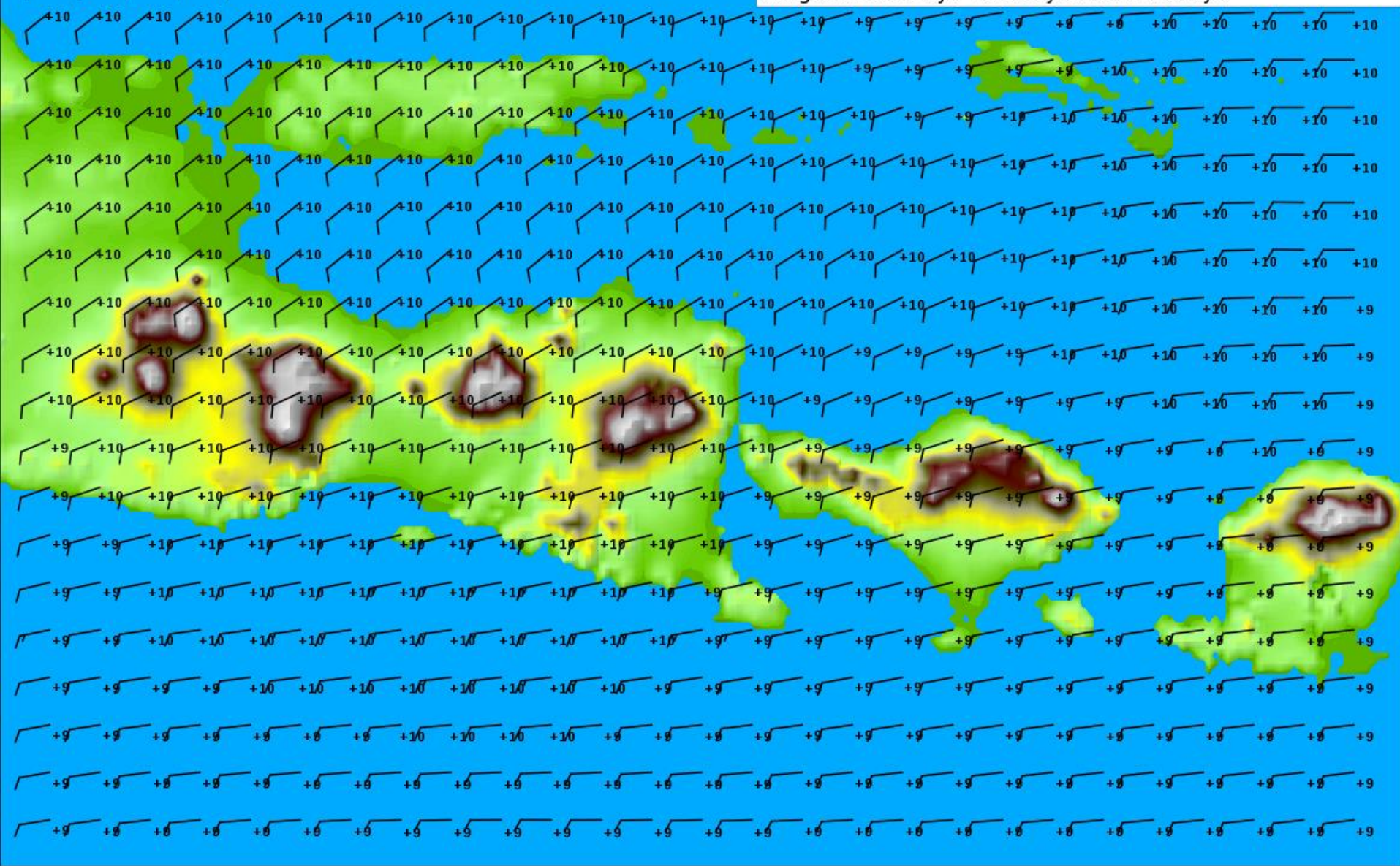


Meteorological Climatological and Geophysical Agency
Wind and temperature chart at level FL100

Validity: 31.12.2021 12:00 (based on run 30.12.2021 18:00)

Issued by WAFC London

Image Created by : Meteo. Juanda Surabaya



WIND FORECAST FLIGHT LEVEL 14.000 FT

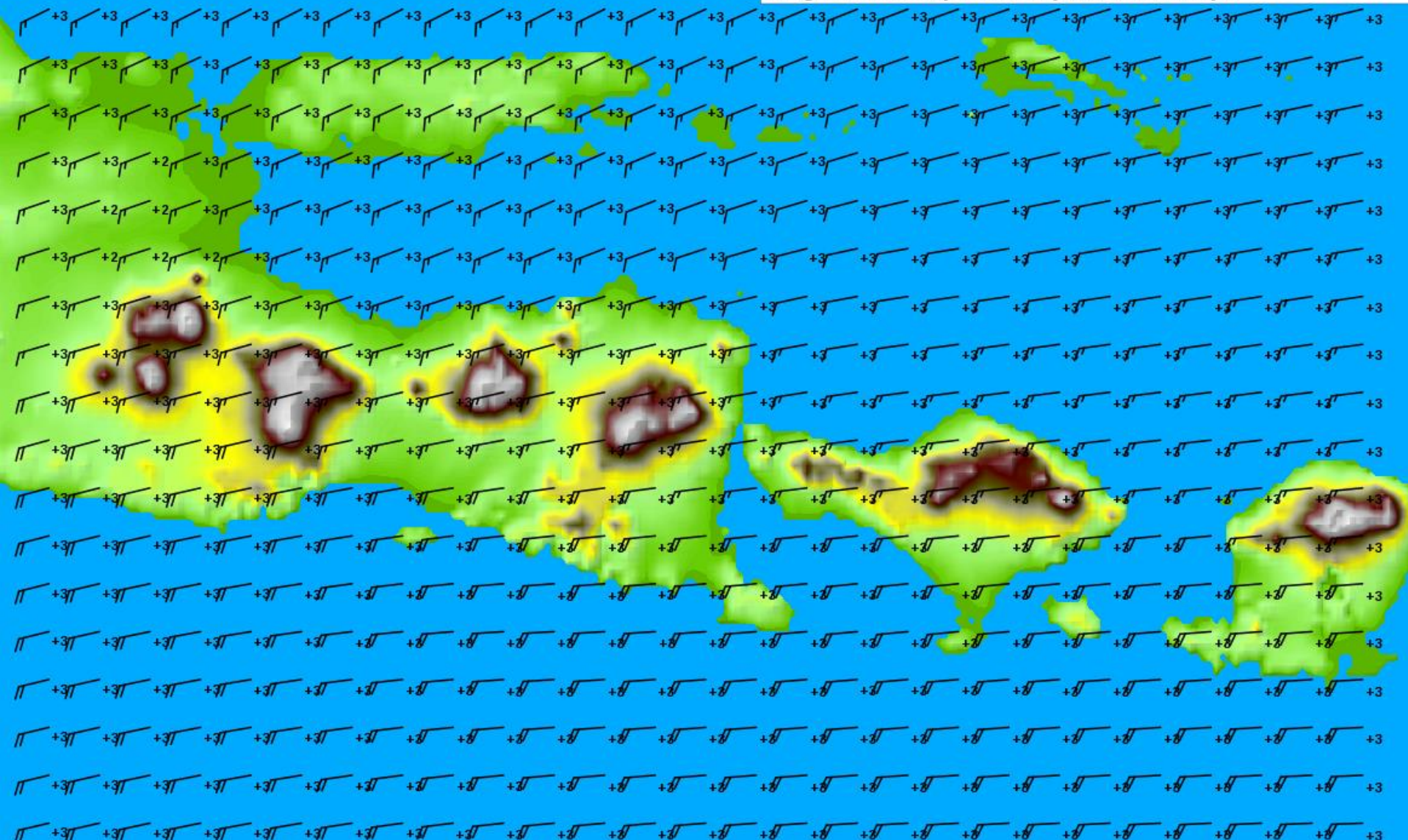


Meteorological Climatological and Geophysical Agency
Wind and temperature chart at level FL140

Validity: 31.12.2021 12:00 (based on run 30.12.2021 18:00)

Issued by WAFC London

Image Created by : Meteo. Juanda Surabaya



WIND FORECAST FLIGHT LEVEL 18.000 FT



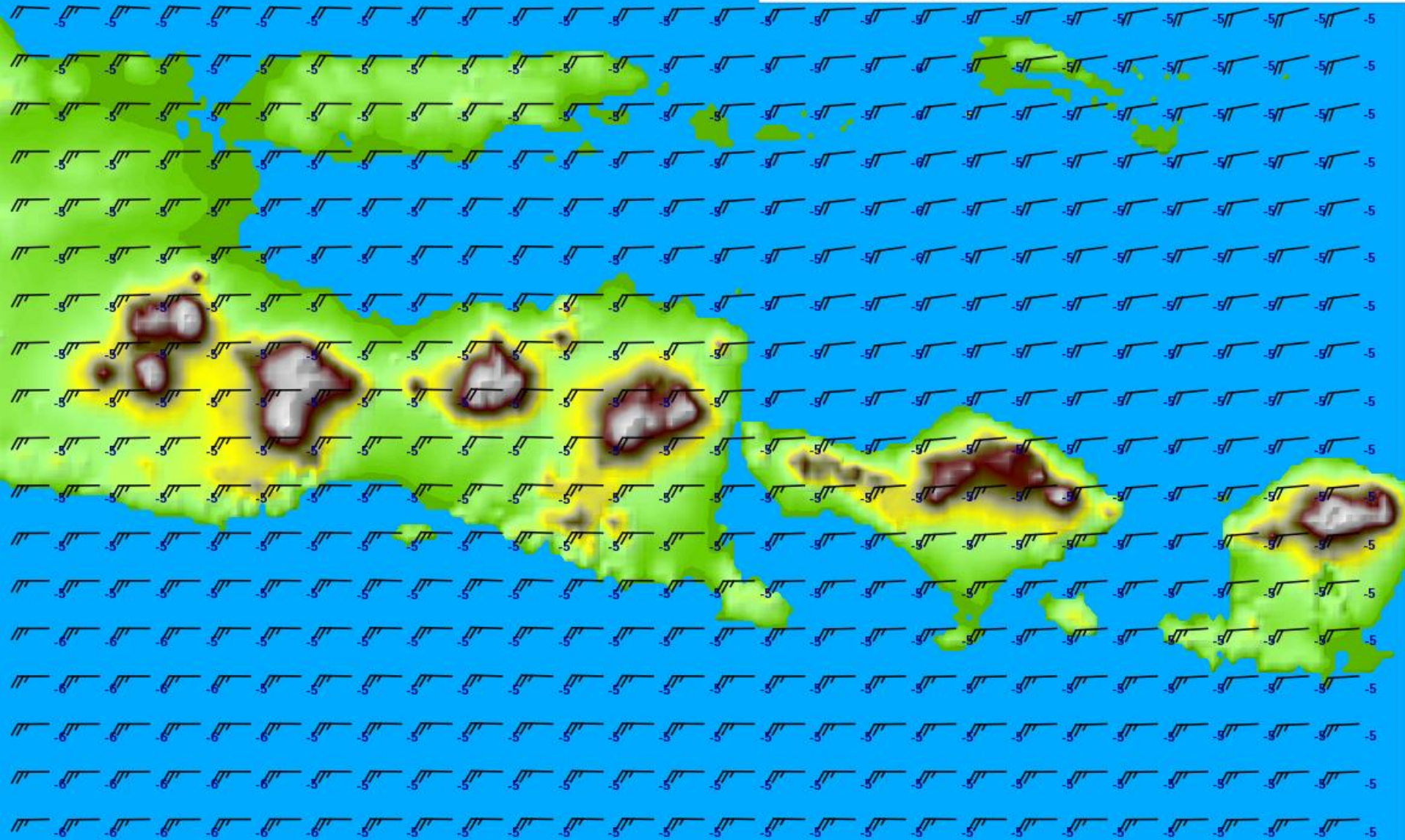
BMKG

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

Validity: 31.12.2021 12:00 (based on run 30.12.2021 18:00)

Issued by WAFC London

Image Created by : Meteo. Juanda Surabaya



WIND FORECAST FLIGHT LEVEL 24.000 FT

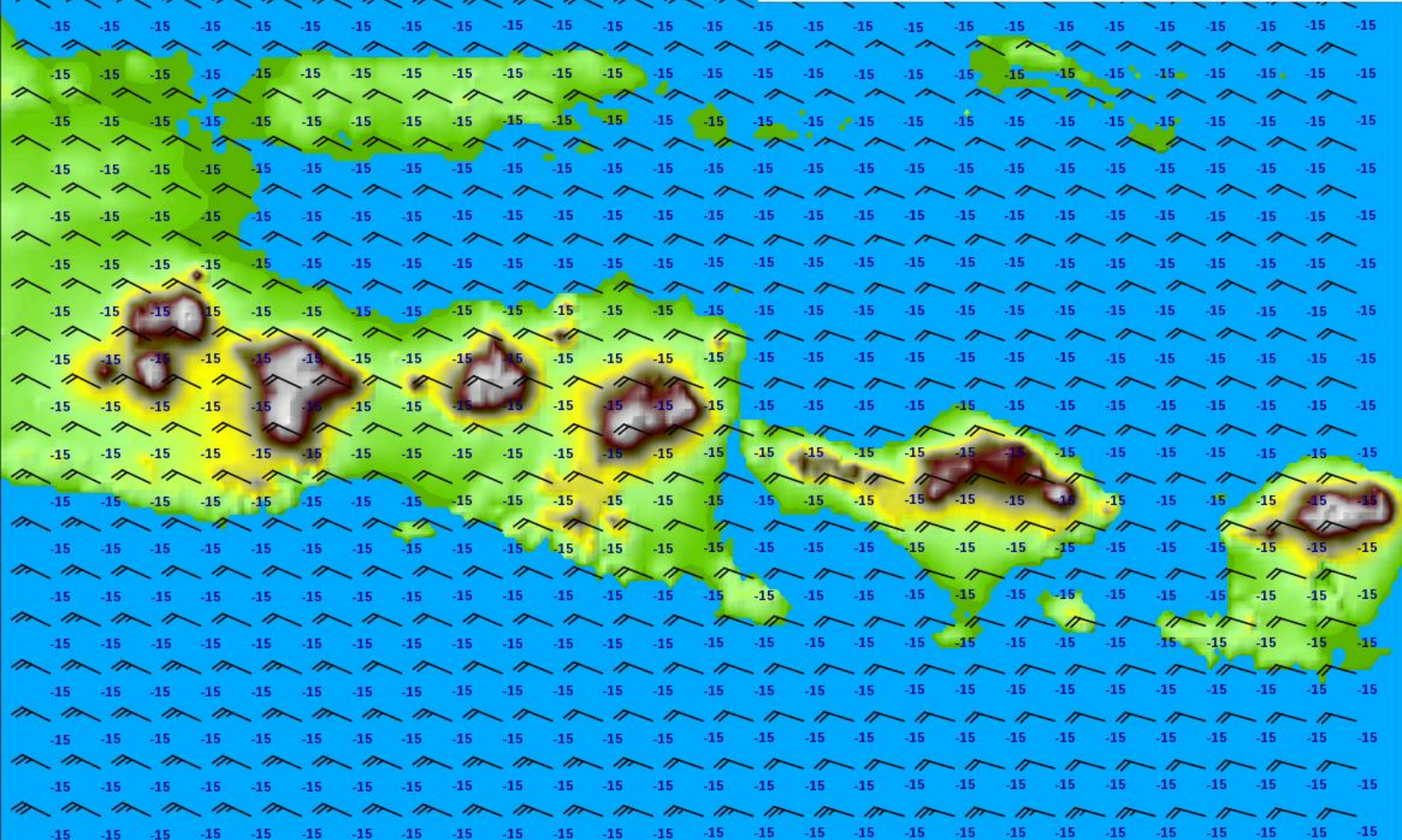


Meteorological Climatological and Geophysical Agency Wind and temperature chart at level FL240

Validity: 31.12.2021 12:00 (based on run 30.12.2021 18:00)

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 DENGAN KECEPATAN 5 – 20 KM/JAM.
- ☐ PADA LAPISAN 10.000 FT ARAH ANGIN BERGERAK KE ARAH TIMUR DENGAN KECEPATAN 10 – 30 KM/JAM.
- ☐ PADA LAPISAN 14.000 FT ARAH ANGIN BERGERAK KE ARAH TIMUR DENGAN KECEPATAN 20 - 30 KM/JAM.
- ☐ PADA LAPISAN 18.000 FT ARAH ANGIN BERGERAK KE ARAH TIMUR DENGAN KECEPATAN 40 - 50 KM/JAM.
- ☐ PADA LAPISAN 24.000 FT ARAH ANGIN BERGERAK KE ARAH TENGGARA DENGAN KECEPATAN 40 - 60 KM/JAM.
- ☐ BERDASARKAN SIGMET WAAA UPDATE 31 DESEMBER 2021 PUKUL 05.25 WIB, TERAMATI SEBARAN DEBU ABU VULKANIK GUNUNG SEMERU PADA PUKUL 05.05 WIB, BERGERAK KE TIMUR DENGAN KECEPATAN 15 KNOTS DENGAN INTENSITAS MELEMAH.
- ☐ DIPRAKIRAKAN 6 JAM KE DEPAN PERGERAKAN DEBU VULKANIK CENDERUNG MENGARAH KE ARAH TIMUR.