



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 12 Desember 2021 Pukul 07.45 WIB sbb:

FVAU01 ADRM 120045
VA ADVISORY
DTG: 20211212/0045Z
VAAC: DARWIN
VOLCANO: SEMERU 263300
PSN: S0806 E11255
AREA: INDONESIA
SUMMIT ELEV: 3676M
ADVISORY NR: 2021/174
INFO SOURCE: HIMAWARI-8
AVIATION COLOUR CODE: RED
ERUPTION DETAILS: VA TO FL140, EXT N AT 12/0030Z
OBS VA DTG: 12/0030Z
OBS VA CLD: SFC/FL140 S0808 E11256 - S0807 E11254 - S0803
E11253 - S0757 E11253 - S0758 E11259 - S0804 E11258 MOV N
05KT
FCST VA CLD +6 HR: 12/0630Z NO VA EXP
FCST VA CLD +12 HR: 12/1230Z NO VA EXP
FCST VA CLD +18 HR: 12/1830Z NO VA EXP
RMK: VA SLIGHTLY DISCERNIBLE ON LATEST SAT IMAGERY EXTENDING
N OF SUMMIT. VA HEIGHT AND FORECAST BASED ON HIMAWARI-8
IMAGERY AND MODEL GUIDANCE. VA PLUME IS VERY DIFFUSED AND IS
EXPECTED TO DISSIPATE WITHIN THE NEXT 6 HOURS.
NXT ADVISORY: NO LATER THAN 20211212/0645Z=



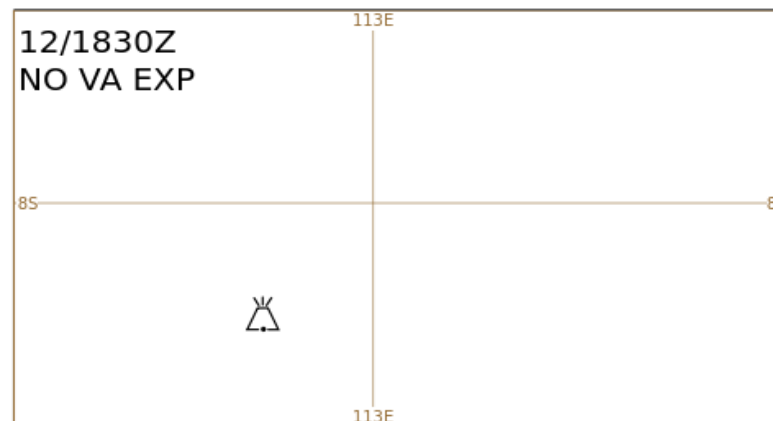
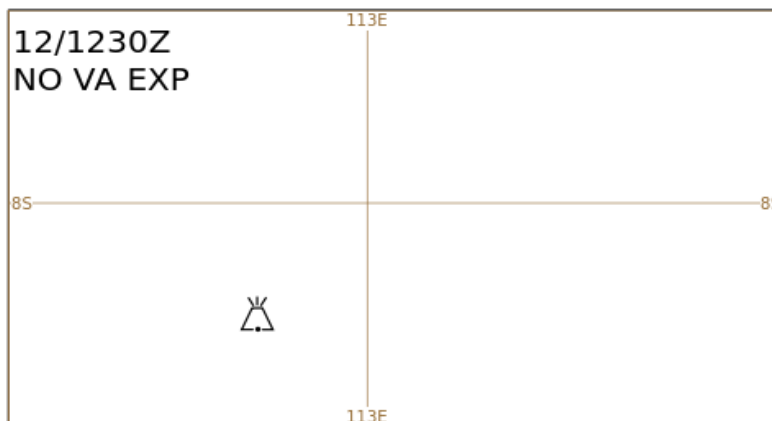
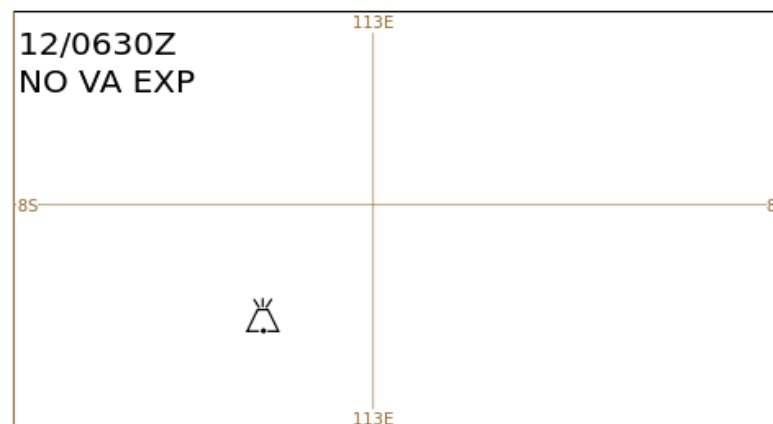
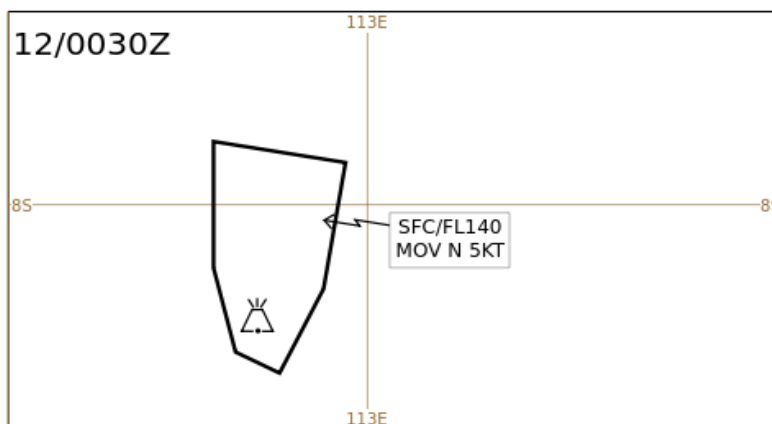
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VOLCANIC ASH ADVISORY



VOLCANIC ASH ADVISORY

DTG:	20211212/0045Z	ADVISORY NR:	2021/174
VAAC:	DARWIN	INFO SOURCE:	HIMAWARI-8
VOLCANO:	SEMERU 263300	AVIATION COLOUR CODE:	RED
PSN:	50806 E11255	ERUPTION DETAILS:	VA TO FL140, EXT N AT 12/0030Z
AREA:	INDONESIA	RMK:	VA SLIGHTLY DISCERNIBLE ON LATEST SAT IMAGERY EXTENDING N OF SUMMIT. VA HEIGHT AND FORECAST BASED ON HIMAWARI-8 IMAGERY AND MODEL GUIDANCE. VA PLUME IS VERY DIFFUSED AND IS EXPECTED TO DISSIPATE WITHIN THE NEXT 6 HOURS.
SUMMIT	3676M	NXT ADVISORY:	NO LATER THAN 20211212/0645Z
ELEV:			



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SIGMET

WVID21 WAAA 120100

WAAZ SIGMET 05 VALID 120100/120645 WAAA-

WAAZ UJUNG PANDANG FIR VA ERUPTION MT SEMERU PSN S0806 E11255 VA CLD OBS AT 0030Z S0808 E11256 -
S0807 E11254 - S0803 E11253 - S0757 E11253 - S0758 E11259 - S0804 E11258 -S0808 E11256 SFC/FL140 MOV N
05KT WKN=

RGB Citra Satelit Cuaca Himawari

Gunung Semeru - Tgl 12 Desember 2021 Pukul 07.00 WIB



Sebaran debu vulkanik Gunung Semeru saat ini bergerak menuju **Utara**.

WIND FORECAST FLIGHT LEVEL 5000 FT

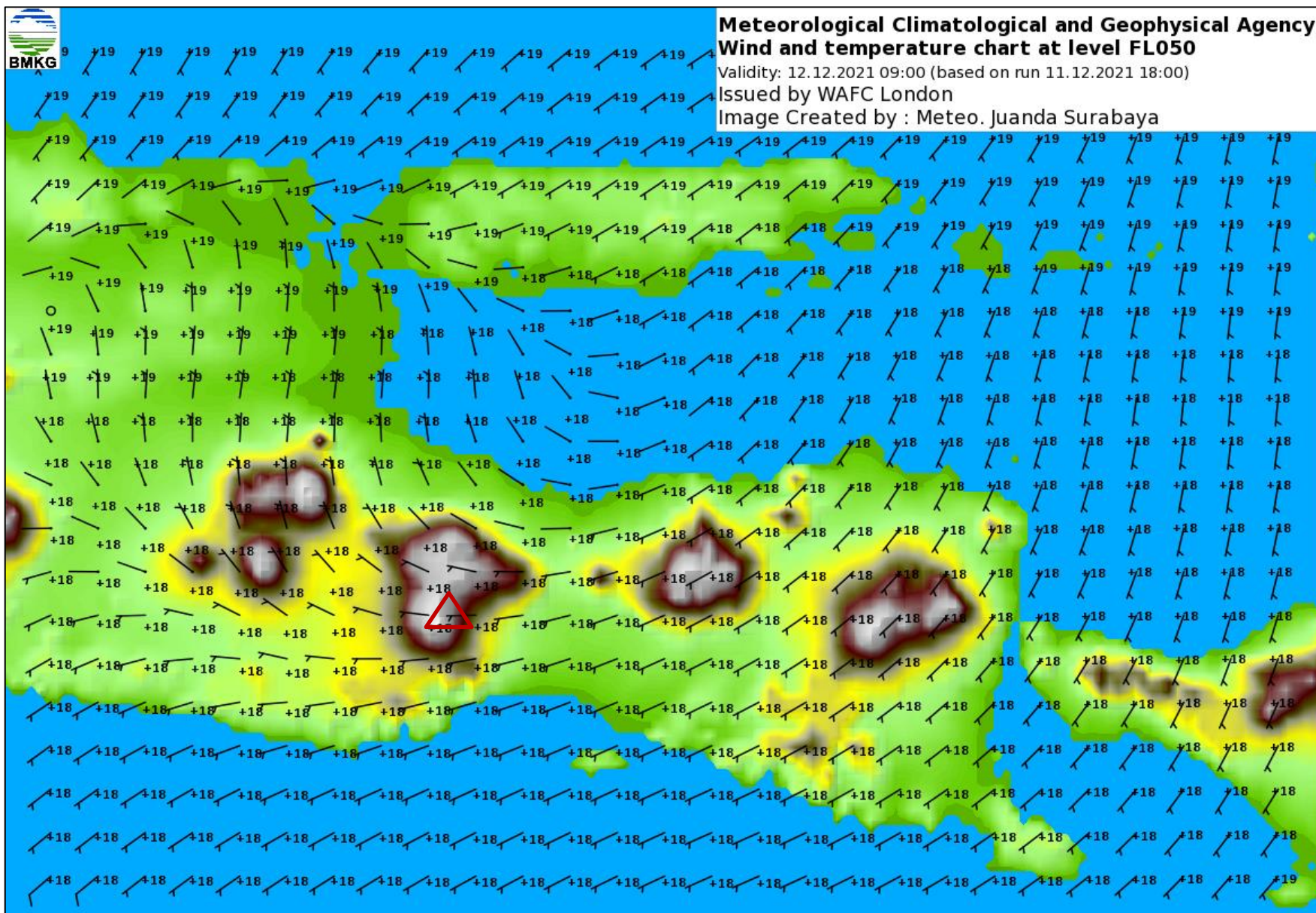


Meteorological Climatological and Geophysical Agency Wind and temperature chart at level FL050

Validity: 12.12.2021 09:00 (based on run 11.12.2021 18:00)

Issued by WAFC London

Image Created by : Meteo. Juanda Surabaya



WIND FORECAST FLIGHT LEVEL 10.000 FT

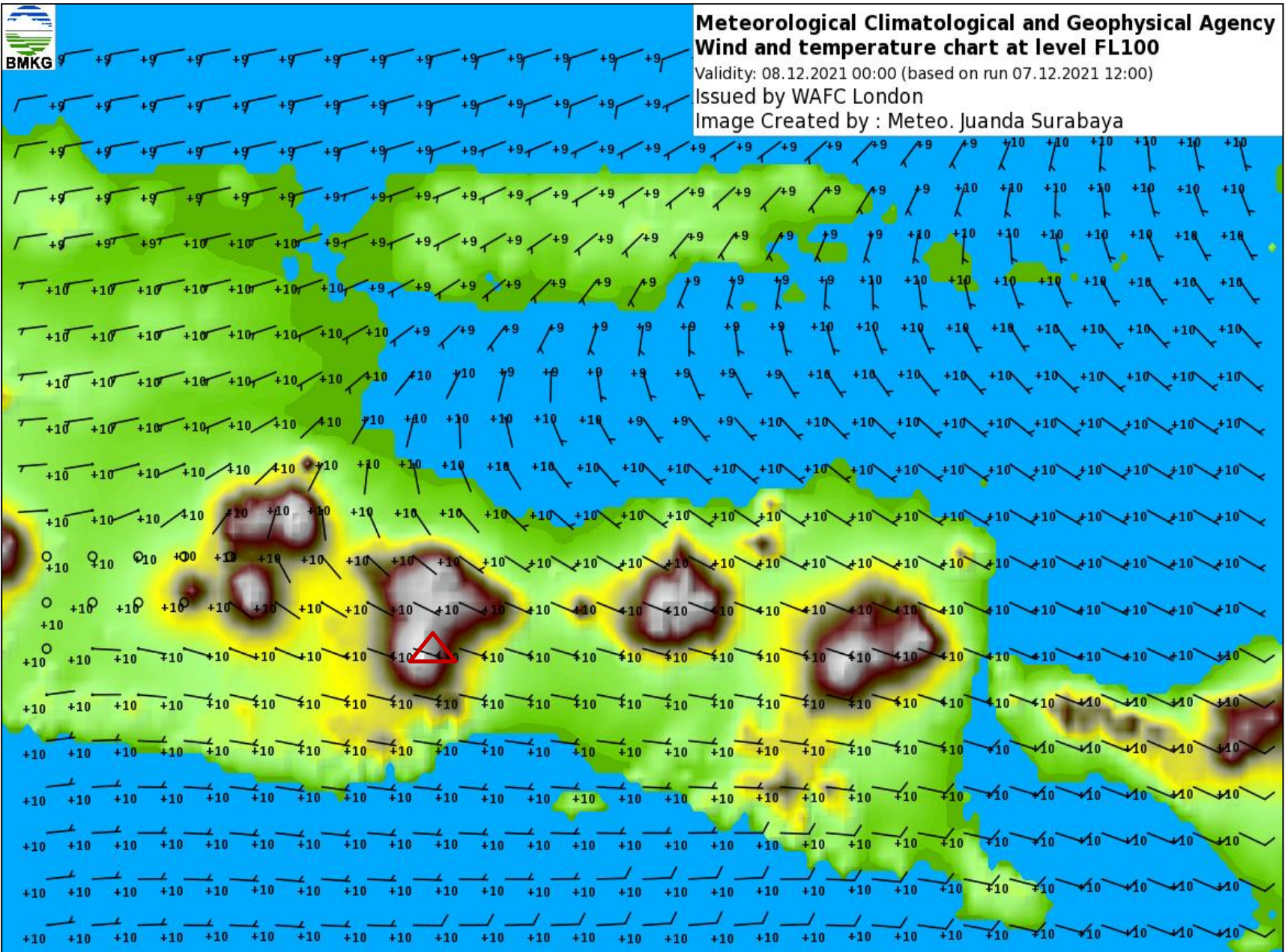


Meteorological Climatological and Geophysical Agency Wind and temperature chart at level FL100

Validity: 08.12.2021 00:00 (based on run 07.12.2021 12:00)

Issued by WAFC London

Image Created by : Meteo. Juanda Surabaya



WIND FORECAST FLIGHT LEVEL 14.000 FT

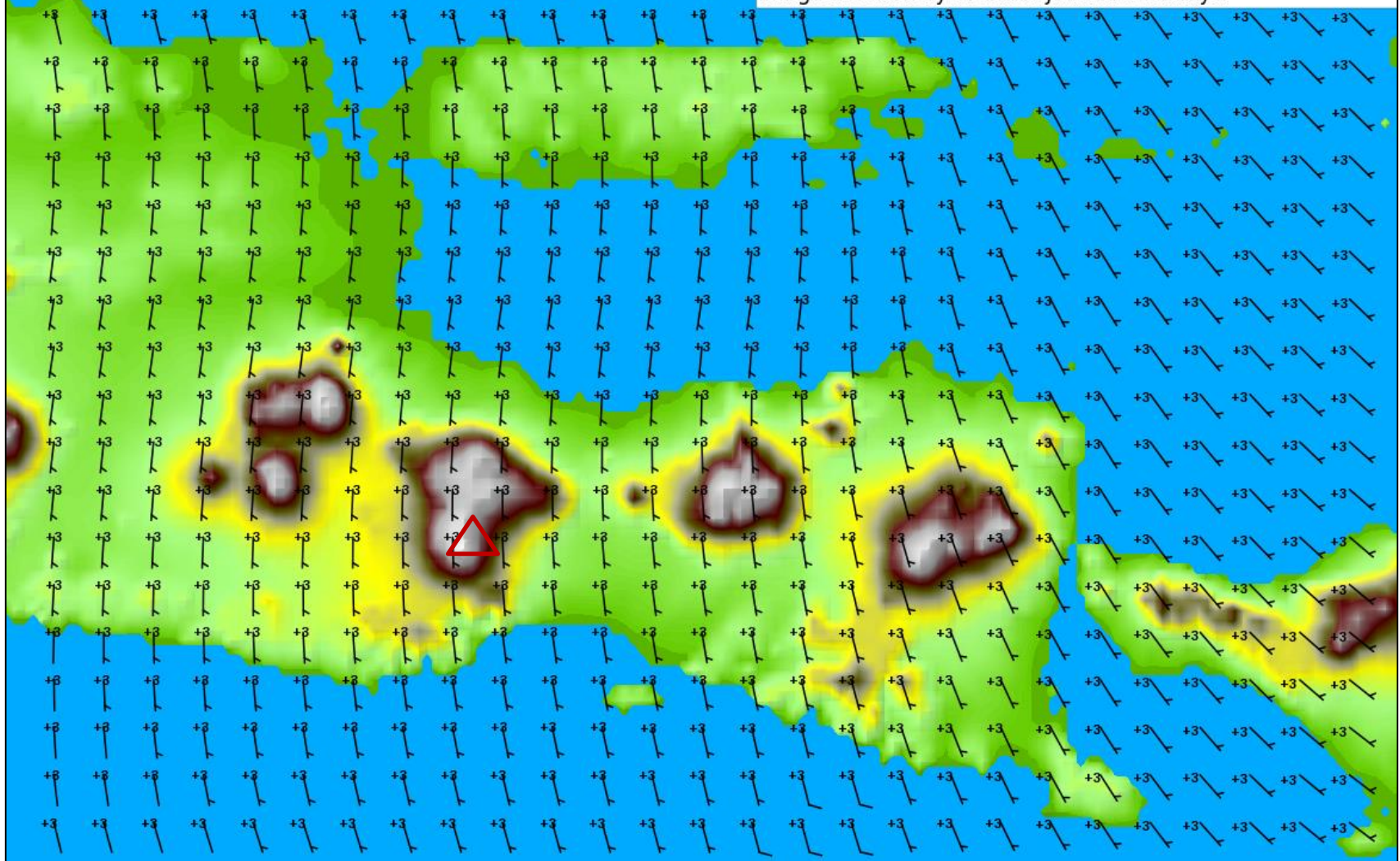


Meteorological Climatological and Geophysical Agency Wind and temperature chart at level FL140

Validity: 12.12.2021 09:00 (based on run 11.12.2021 18:00)

Issued by WAFC London

Image Created by : Meteo. Juanda Surabaya





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KESIMPULAN

- BERDASARKAN PERGERAKAN ANGIN DARI PERMUKAAN (5000 FEET) BERGERAK KE ARAH TIMUR - TIMUR LAUT DENGAN KECEPATAN 05 – 10 KM/JAM.
- PADA LAPISAN 10.000 FEET ARAH ANGIN BERGERAK KE ARAH BARAT - BARAT LAUT DENGAN KECEPATAN 05 – 10 KM/JAM.
- PADA LAPISAN 14.000 FEET ARAH ANGIN BERGERAK KE ARAH UTARA DENGAN KECEPATAN 05 - 10 KM/JAM.
- BERDASARKAN VAAC DARWIN UPDATE 12 DESEMBER 2021 PUKUL 07.45 WIB, PADA KETINGGIAN PERMUKAAN HINGGA 14.000 FT DEBU VULKANIK SEDIKIT TERLIHAT PADA CITRA SATELIT HIMAWARI-8 BERGERAK KE ARAH UTARA DENGAN KEC. 05 - 10 KM/JAM.
- DIPRAKIRAKAN SETELAH 6 JAM KEDEPAN DEBU VULKANIK MENGHILANG DAN TIDAK ADA PERGERAKAN DEBU VULKANIK.