



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 05 Januari 2022 Pukul 09.00 WIB sbb:

FVAU01 ADRM 050200

VA ADVISORY

DTG: 20220105/0200Z

VAAC: DARWIN

VOLCANO: SEMERU 263300

PSN: S0806 E11255

AREA: INDONESIA

SUMMIT ELEV: 3676M

ADVISORY NR: 2022/4

INFO SOURCE: CVGHM WEBCAM, VONA, HIMARWAI-8

AVIATION COLOUR CODE: RED

ERUPTION DETAILS: VA REPORTED TO FL170, WEBCAM OBS AT 05/0152Z

OBS VA DTG: 05/0152Z

OBS VA CLD: VA NOT IDENTIFIABLE FM SATELLITE DATA WIND

SFC/FL170 330/10KT

FCST VA CLD +6 HR: 05/0752Z NOT AVBL

FCST VA CLD +12 HR: 05/1352Z NOT AVBL

FCST VA CLD +18 HR: 05/1952Z NOT AVBL

RMK: 05/0135Z GROUND REPORT OF VA TO FL170 MOV TO SOUTH.

05/0152Z WEBCAM SHOWS ASH RESUSPENDED BY PYROCLASTIC FLOW.

VA IS EXPECTED TO DISSIPATE RAPIDLY. AREA OBSCURED BY MET

CLOUD ON SATELLITE IMAGERY. ADVISORY WILL BE UPDATED IF NEW

INFORMATION IS RECEIVED.

NXT ADVISORY: NO FURTHER ADVISORIES=



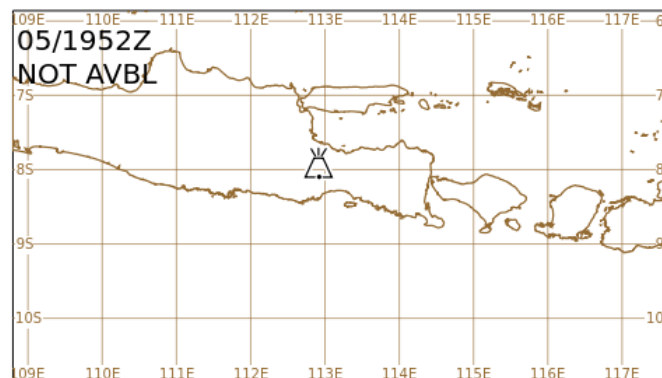
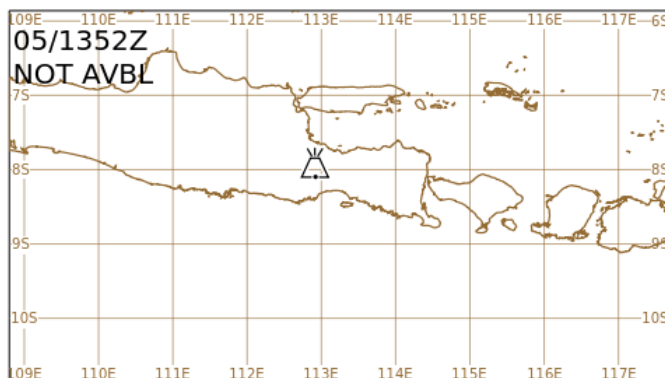
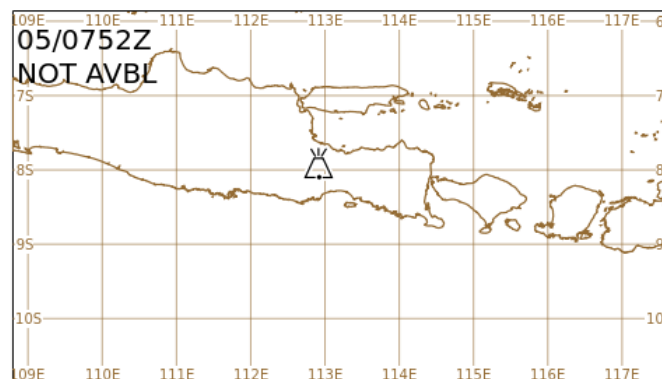
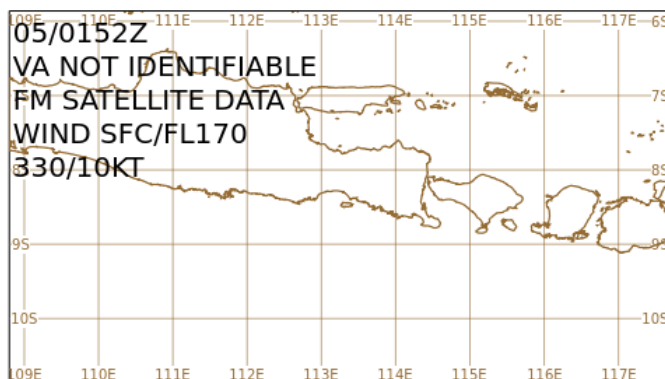
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VOLCANIC ASH ADVISORY



VOLCANIC ASH ADVISORY

DTG:	20220105/0200Z	ADVISORY NR:	2022/4
VAAC:	DARWIN	INFO SOURCE:	CVGHM WEBCAM, VONA, HIMARWAI-8
VOLCANO:	SEMERU 263300	AVIATION COLOUR CODE:	RED
PSN:	S0806 E11255	ERUPTION DETAILS:	VA REPORTED TO FL170. WEBCAM OBS AT 05/0152Z
AREA:	INDONESIA	RMK:	05/0135Z GROUND REPORT OF VA TO FL170 MOV TO SOUTH. 05/0152Z WEBCAM SHOWS ASH RESUSPENDED BY PYROCLASTIC FLOW. VA IS EXPECTED TO DISSIPATE RAPIDLY. AREA OBSCURED BY MET CLOUD ON SATELLITE IMAGERY. ADVISORY WILL BE UPDATED IF NEW INFORMATION IS RECEIVED.
SUMMIT ELEV:	3676M	NXT ADVISORY:	NO FURTHER ADVISORIES



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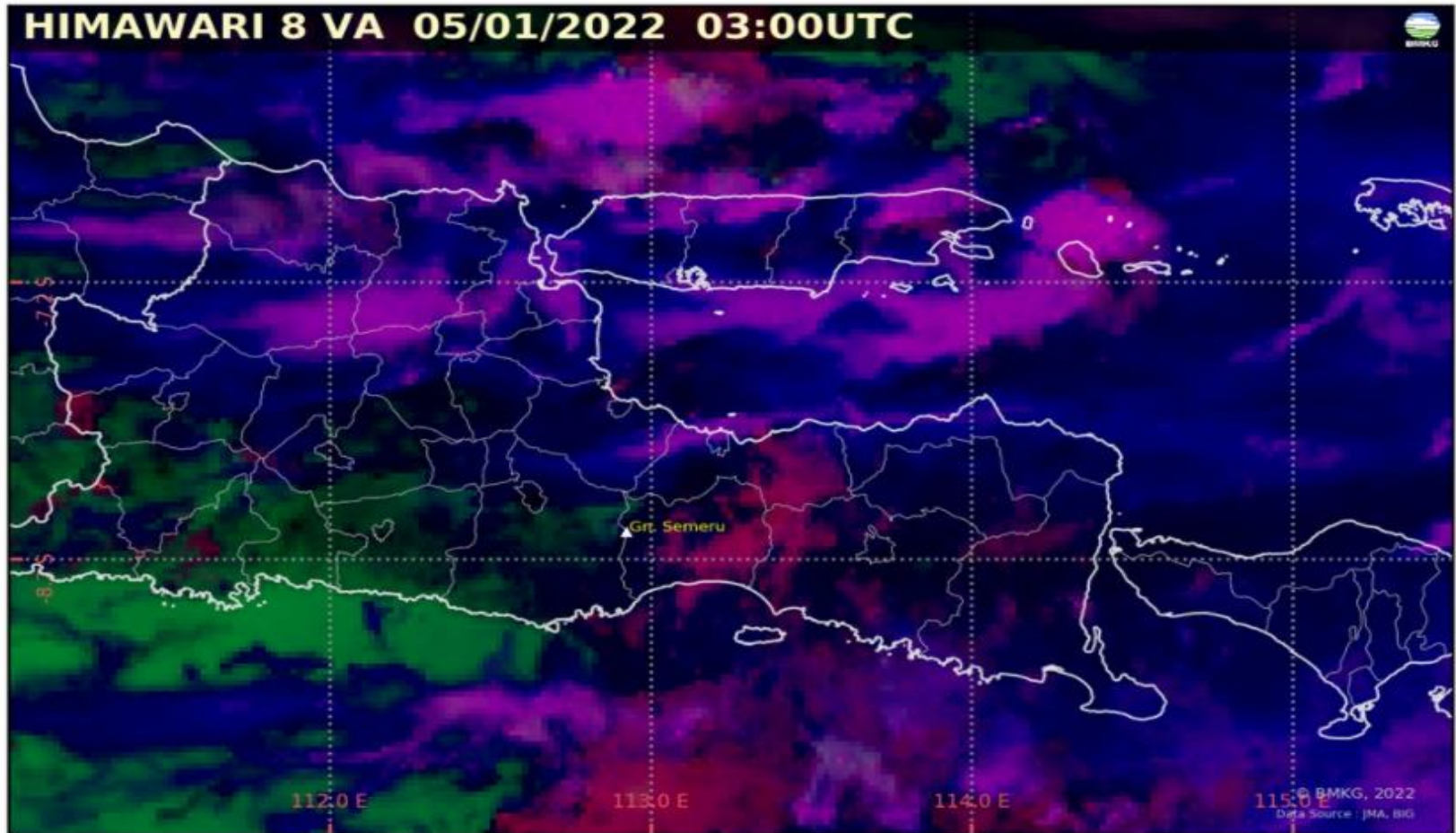
SIGMET

WVID21 WAAA 050236

WAAZ SIGMET 10 VALID 050236/050725 WAAA-WAAZ UJUNG
PANDANG FIR VA ERUPTION MT SEMERU PSN S0806 E11255VA CLD
OBS AT 0152Z FL170 MOV SE 10KT WKN=



RGB Citra Satelit Cuaca Himawari Gunung Semeru Tgl 05 Januari 2022 Pukul 10.00 WIB



Sebaran debu vulkanik Gunung Semeru tidak dapat teramati karena tertutup awan.

WIND FORECAST FLIGHT LEVEL 5000 FT



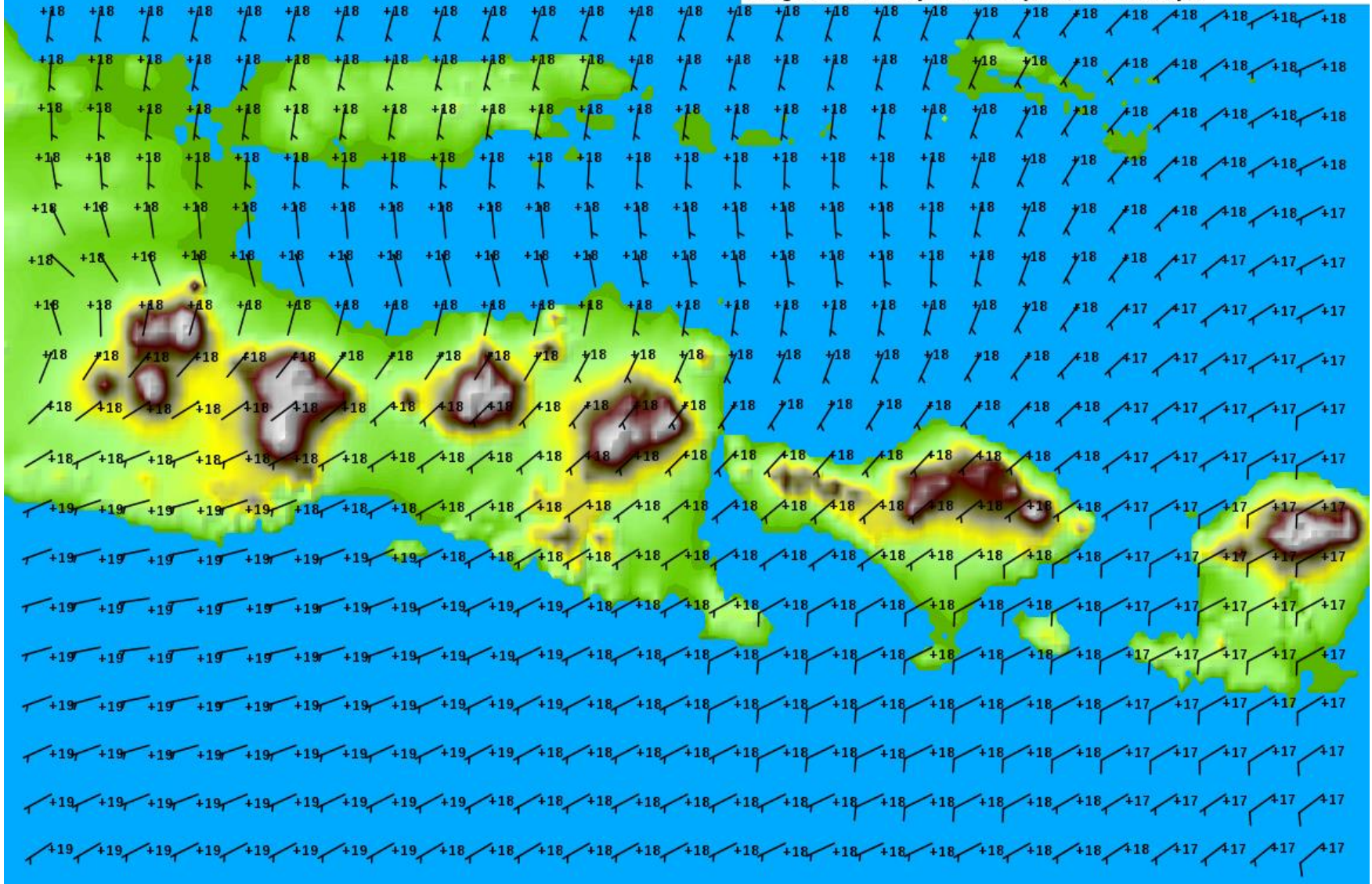
Meteorological Climatological and Geophysical Agency

Wind and temperature chart at level FL050

Validity: 05.01.2022 12:00 (based on run 04.01.2022 18:00)

Issued by WAFC London

Image Created by : Meteo. Juanda Surabaya



WIND FORECAST FLIGHT LEVEL 10.000 FT

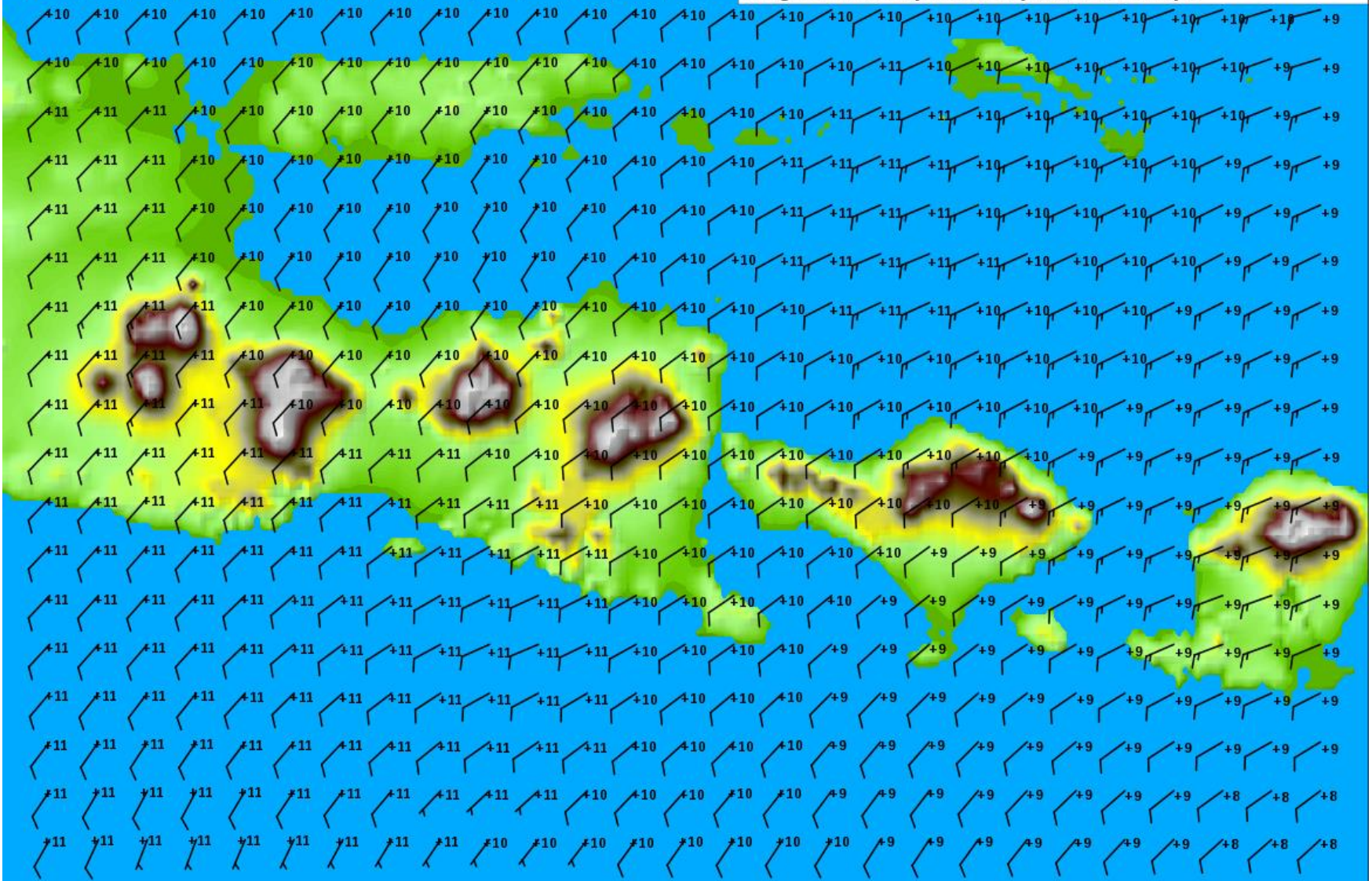


Meteorological Climatological and Geophysical Agency Wind and temperature chart at level FL100

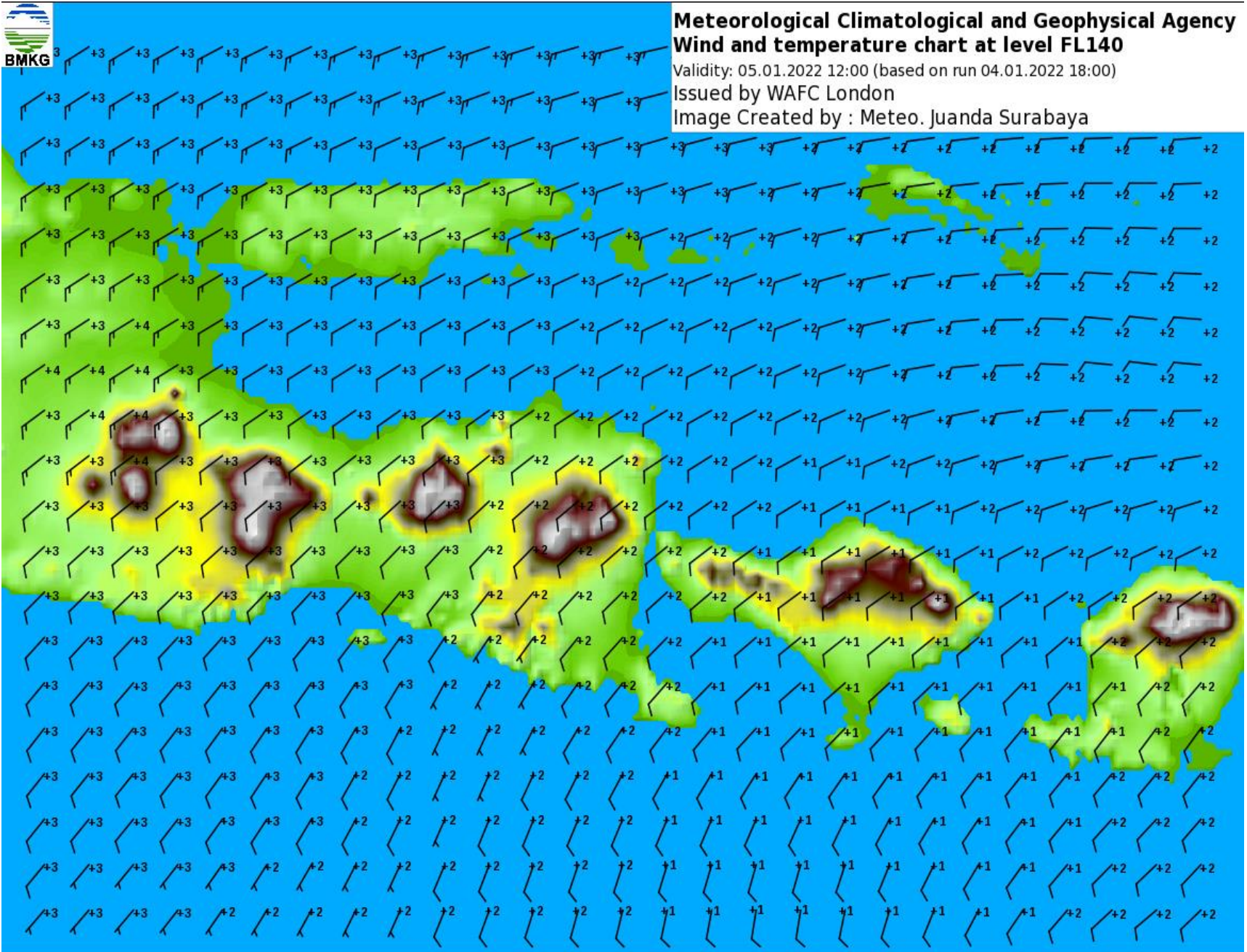
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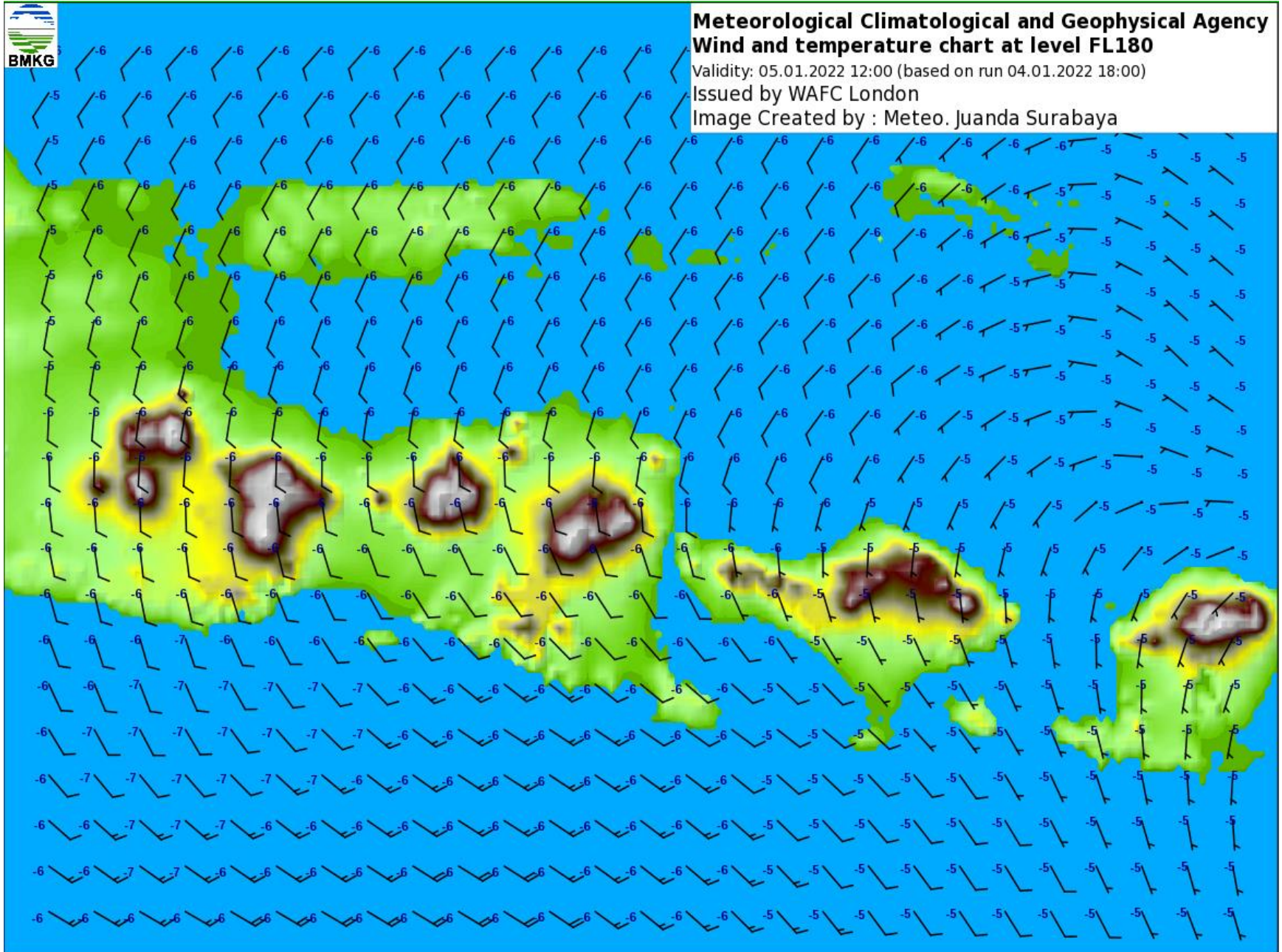
Image Created by : Meteo. Juanda Surabaya



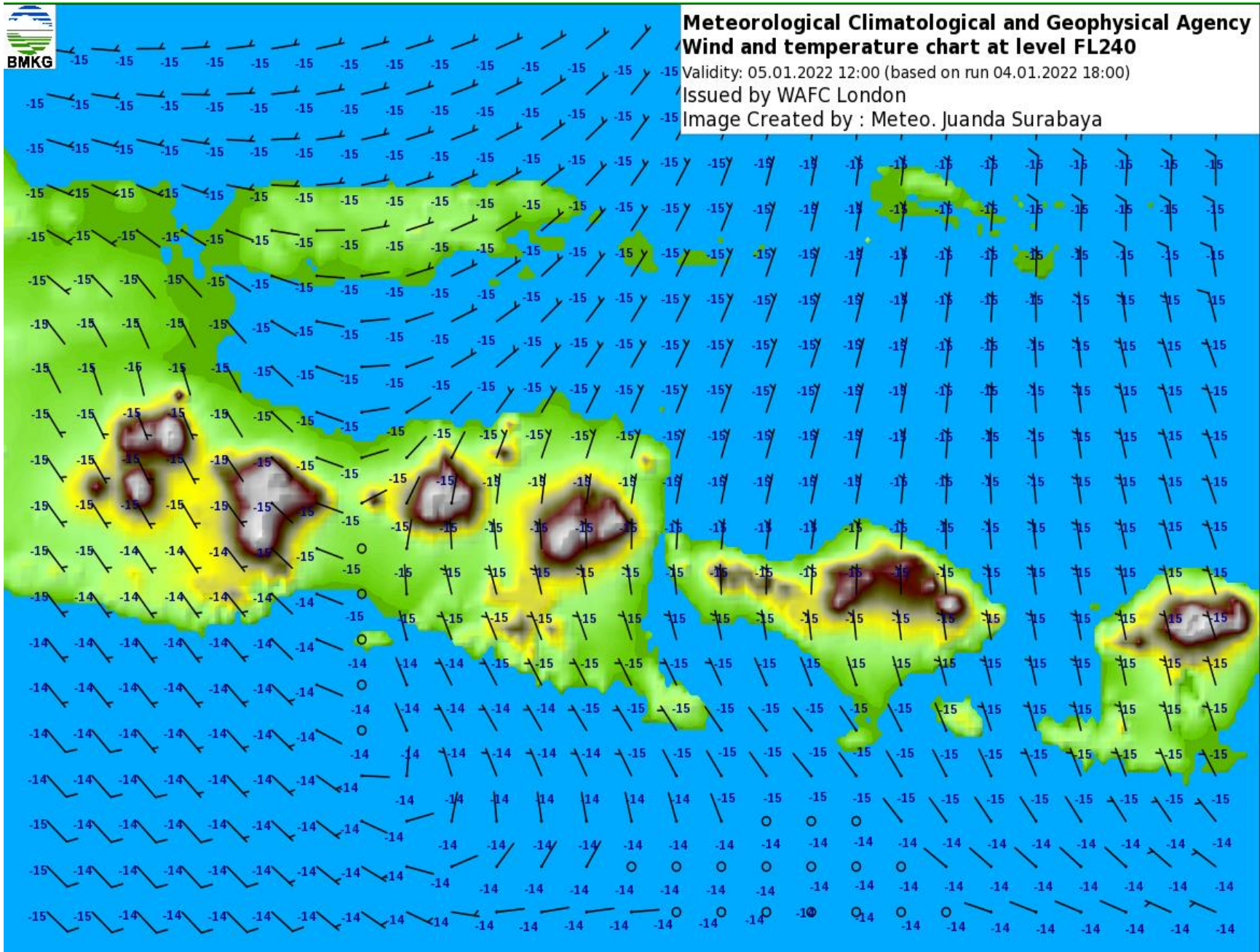
WIND FORECAST FLIGHT LEVEL 14.000 FT



WIND FORECAST FLIGHT LEVEL 18.000 FT



WIND FORECAST FLIGHT LEVEL 24.000 FT





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KESIMPULAN

- ☐ PADA LAPISAN 5.000 FT ARAH ANGIN BERGERAK KE ARAH TIMUR LAUT DENGAN KECEPATAN 5 – 10 KM/JAM.
- ☐ PADA LAPISAN 10.000 FT ARAH ANGIN BERGERAK KE ARAH TIMUR LAUT DENGAN KECEPATAN 10 – 20 KM/JAM.
- ☐ PADA LAPISAN 14.000 FT ARAH ANGIN BERGERAK KE ARAH TIMUR LAUT DENGAN KECEPATAN 10 - 20 KM/JAM.
- ☐ PADA LAPISAN 18.000 FT ARAH ANGIN BERGERAK KE ARAH UTARADENGAN KECEPATAN 10 - 20 KM/JAM.
- ☐ PADA LAPISAN 24.000 FT ARAH ANGIN BERGERAK KE ARAH BARAT LAUT 5 - 10 KM/JAM.
- ☐ BERDASARKAN SIGMET WAAA UPDATE 5 JANUARI 2021 PUKUL 09.36 WIB, TERAMATI SEBARAN DEBU ABU VULKANIK GUNUNG SEMERU PADA PUKUL 08.52 WIB, PADA KETINGGIAN 17.000 FEET, DEBU ABU VULKANIK BERGERAK KE TENGGARA DENGAN KECEPATAN 10 KNOTS DENGAN INTENSITAS MELEMAH.
- ☐ DIPRAKIRAKAN 6 JAM KE DEPAN PERGERAKAN DEBU VULKANIK CENDERUNG MENGARAH KE ARAH TENGGARA.