

GLOBAL SURFACE WIND CHART

Standardized Meteorological Observation Log

Ref: WMO-NO. 306
ISO 19011 Compliant

STATION ID / VESSEL NAME
MET-ALPHA-09
LATITUDE / LONGITUDE
40.7128 N, 74.0060 W
OBSERVATION DATE
2023-10-27
TIME (UTC)
12:00 Z

ALTITUDE (M)	DIRECTION (°)	SPEED (KNOTS)	GUST (KNOTS)	TEMP (C)	PRESSURE (HPA)
Surface (10m)	240 (SW)	14	22	15.2	1013.2
50m	245	18	26	14.8	1009.5
100m	255	22	31	14.1	1004.1
250m	270 (W)	29	38	12.5	995.8

Notes: Observed anemometer height at 10m above ground level. Local turbulence factor: 1.2. Equipment calibrated to NIST standards. Data intended for navigational and meteorological modeling only.