

Aviation Weather

Xiamen Gaoqi, China – ZSAM

2025-06-06 17:00 UTC

Location:	24° 32′ 39″ N — 118° 7′ 40″ E
Elevation:	18 m
Temperature:	26 °C
Dew Point:	24 °C
Rel. Humidity:	89 %
Air Pressure:	1008 hPa
Wind Velocity:	3.6 km/h (1 m/s)
Wind Direction:	20°
Unprocessed Data:	CAVOK NOSIG

Relative humidity is determined from temperature ϑ and dew point τ by the approximation

$$\phi \approx \frac{e^{\frac{17.625\tau / ^\circ\text{C}}{243.04 + \tau / ^\circ\text{C}}}}{e^{\frac{17.625\vartheta / ^\circ\text{C}}{243.04 + \vartheta / ^\circ\text{C}}}}$$

Values are inaccurate if $\vartheta \approx \tau$ because METAR provides ϑ and τ as integers. Dotted lines denote data from yesterday.

