

Table1 the criterions of fog, mist and haze by visibility and RH

Criterion	Fog	Mist	Haze
WMO No. 266 1984	vis < 1 km RH generally near 100%	RH Generally lower than 100%	RH < about 80%
WMO No. 8 1996	vis < 1 km	vis \geq 1 km high RH	vis > 1 km RH is less than a certain percentage, e. g. 80%
WMO No. 782 2005	vis < 1 km	Vis \approx 1 ~ 5 km RH > 95%	vis \leq 5 km
Handbook of Aviation Meteorology, UKMO, 1994	vis < 1 km RH generally near 100%	vis \geq 1 km RH \geq 95% , generally < 100%	RH < 95%
The work of Vautard et al. (2009)	vis \leq 1 km	vis \leq 2 km	vis \leq 5 km
The work of Wu et al. (2006)	RH \geq 90%	RH \geq 90%	vis < 10 km RH < 90%