Source: NOAA, based on WMO scales

WMO Code Table 4300: Horizontal visibility

Code Figure	Meaning
0	Less than 50 m
1	50 - 200 m
2	200 - 500 m
3	500 - 1000 m
4	1 - 2 km
5	2 - 4 km
6	4 - 10 km
7	10 - 20 km
8	20 - 50 km
9	50 km or more

Fog in nautical terms: Visibiliy less than 1.000 m