

Questions referring to page 60, Significant Weather Events and Figures 27 c and d of The Qatar's Climatological Map, Civil Aviation Authority.

1. Which years are the climatological statistics provided by the Civil Aviation Authority based on?
2. Interpreting Figure 27 (c) on page 61, what is the total mean number of Fog days?
3. What is the total number of highest fog days?
4. Which month(s) represents high fog? Why do you think there is more fog during this month(s)?
5. Which month(s) represents low fog? Why do you think there is less fog during this month(s)?
6. What is fog measured in?
7. Interpreting Figure 27 (d) on page 61, what are the significant weather events represented?
8. Which month(s) do the statistics demonstrate more lightning, CB Cloud and Thunderstorms? Explain why you think this might be.
9. What does a CB Cloud weather event mean? Research and represent this in your presentation.
10. Which month(s) are no thunderstorms observed? Why do you think this might be?
11. What connections and observations might we notice with thunderstorms, and other weather types?
12. What challenges do lightning, CB clouds and thunderstorms have for residents, citizens, visitors and travelers? Explain.
13. Based on the data and your observations, how does Qatar provide safety during significant weather events for its citizens, residents and visitors? Provide positive examples.