Summary of FAA's Weather Observation Service Standards

"D" Level Service
Stand-Alone ASOS

"C" Level Service Add-Ons
• Backup basic service
• Augmentation of:

- Thunderstorm occurrence
- Tornadic activity - Hail
- VirgaVolcanic ash

at designated sites

- Tower visibility

"B" Level Service Augmentation Add-Ons
- Long-line Runway Visual Range (RVR)

Freezing drizzleIce pelletsSnow depth on ground

(may be instantaneous readout)

Snow increasing rapidly remarkThunderstorm/lightning location remark

- Observed significant weather not at station

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- "A" Level Service Augmentation Add-OnsEither 10-minute long-line RVR or visibility increments down to 1/8, 1/16, and 0 miles
- Sector visibility
- Variable sky
- Cloud types
- Cloud layers above 12,000 feetWidespread dust, sand, and smoke obstructions
- widespread dust, sand, and smoke obstruction
 Volcanic eruptions