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They are 14 knots in the example above. The "G" stands for gusts. The winds are gusting up to 21 knots in this example. Often times you will hear aviators talk about the "gust spread." To get the gust spread subtract the sustained winds (14kts) from the max reported gust number (21kts). Determining wind gusts using mean hourly wind speed

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Updated April 10, 2018. A wind gust is a sudden, seconds-long burst of high-speed wind that's followed by a lull. Whenever you see wind gusts in your forecast, it means the National Weather Service has observed or expects wind speeds to reach at least 18 mph, and the difference between the peak winds and the lulls to vary by 10 mph or more.

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- No recorded gusts → need to calculate gusts
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