



ACTIVITY: Weather Console (Weather Officer)

Big Question: Based on the wind speed, will the wind be within launch constraints?

Fill in the weather data on the data-recording sheet from the Digital Weather Display. With the meteorologist, determine whether the weather conditions will permit, delay, or scrub the launch.

Time	Wind Speed	Convert Wind Speed (1kt=1.1508 mi/hr)	Round-off the decimal	>36 mph = No <36 mph = Yes
Example	15 kts	15 kt x 1.1508 = 17.262 mph	_____ > 36 or 17 < 36	Yes
		_____ kt x 1.1508 = _____ mph	_____ > 36 or _____ < 36	
		_____ kt x 1.1508 = _____ mph	_____ > 36 or _____ < 36	
		_____ kt x 1.1508 = _____ mph	_____ > 36 or _____ < 36	
		_____ kt x 1.1508 = _____ mph	_____ > 36 or _____ < 36	
		_____ kt x 1.1508 = _____ mph	_____ > 36 or _____ < 36	
		_____ kt x 1.1508 = _____ mph	_____ > 36 or _____ < 36	
		_____ kt x 1.1508 = _____ mph	_____ > 36 or _____ < 36	
		_____ kt x 1.1508 = _____ mph	_____ > 36 or _____ < 36	
		_____ kt x 1.1508 = _____ mph	_____ > 36 or _____ < 36	
		_____ kt x 1.1508 = _____ mph	_____ > 36 or _____ < 36	