





Use the latitude and longitude data to plot the course of Cyclone Mekunu. Use the key to colour your plots correctly - this will show how the strength of the winds changed as they moved. Once you have completed your track of the cyclone, answer the questions over the page.

Date	Latitude	Longitude	Wind speed
21 May	9.1°N	57.0°E	70 km/hr
22 May	11.0°N	56.5°E	90 km/hr
23 May	12.0°N	56.0°E	90 km/hr
24 May	13.5°N	55.5°E	125 km/hr
25 May	16.0°N	54.0°E	175 km/hr
26 May	17.1°N	53.4°E	157 km/hr
27 May	18.5°N	52.5°E	74 km/hr

Key		
Category	Wind Speed	Colour Plot
Tropical Storm	63-118km/hr	 Blue
1	119-153km/hr	 Green
2	154-177km/hr	 Yellow
3	178-208km/hr	 Orange

1. When did Cyclone Mekunu make landfall? What was its strength and wind speed at that point?

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2. Cyclone dissipate when they travel over land

a) what does this mean?

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b) why do you think this happens?

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