

A report on the thunderstorm over the Tallong region - December 3, 2021

A thunderstorm passed over the Tallong region on the afternoon of December 3, 2021 bringing a short burst of heavy rain and hail. However the rain was very local with quite interesting geographic variations. This thunderstorm cell can be seen as a red patch east of Marulan in the BOM radar image at 1909 AEDT in Figure 1. The 24 hour rain measurements from the Tallong and nearby region are seen in Figure 2. This Figure shows that the highest fall was recorded at the Botticchio station (29 mm) with lower totals out along Caoura Rd (<2 mm). The variations in totals within Tallong Park were also interesting with Clark recording only 1.5 mm but 18 mm was recorded at 9 Acacia Ave, less than 1 km away. It appears that the track of the storm was similar to the yellow arrow in Figure 3, approximately from the NW.

Hail (Figure 4) was observed at several locations in the region of 69 Mulwaree Drive but only rain fell less than a km away. Two videos of the consequences of the storm can be seen at <http://tallong.com.au/wp-content/uploads/2022/01/Ferme-1-video-1639112014.mp4> and <http://tallong.com.au/wp-content/uploads/2022/01/Ferme-2-video-1639112047.mp4>.

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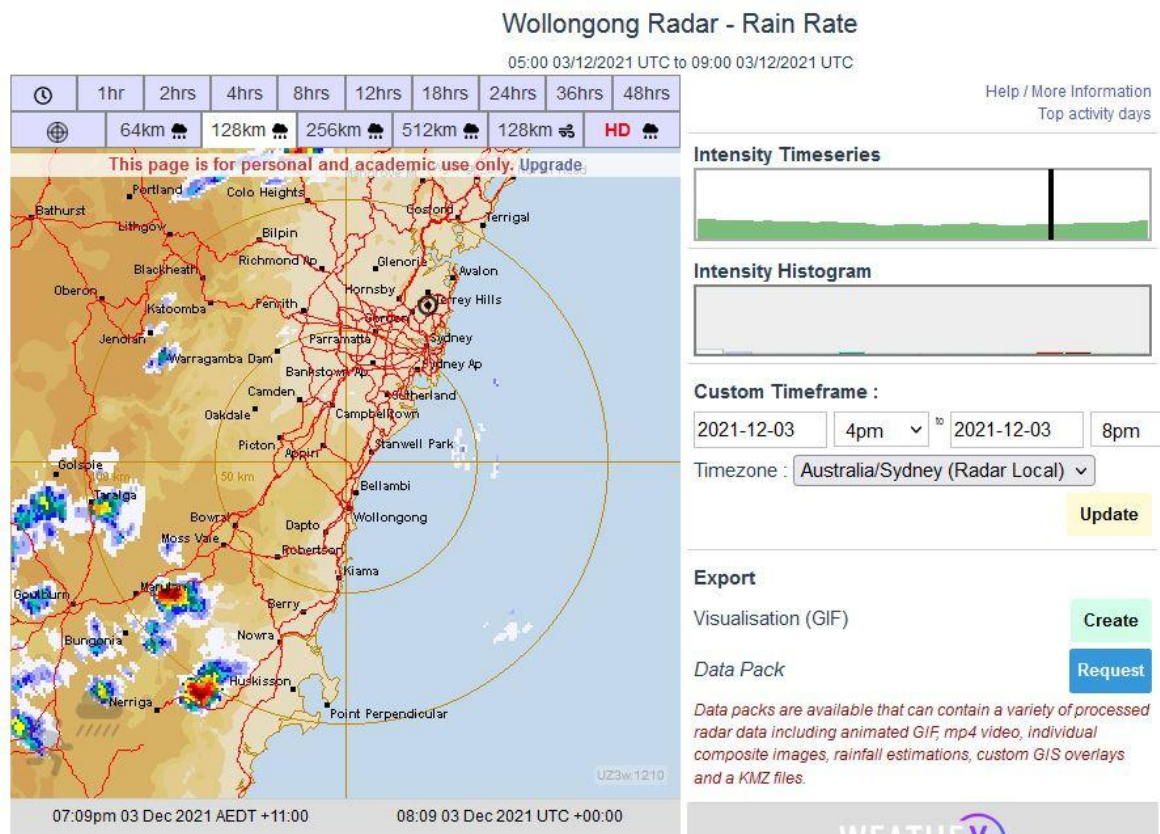


Figure 1

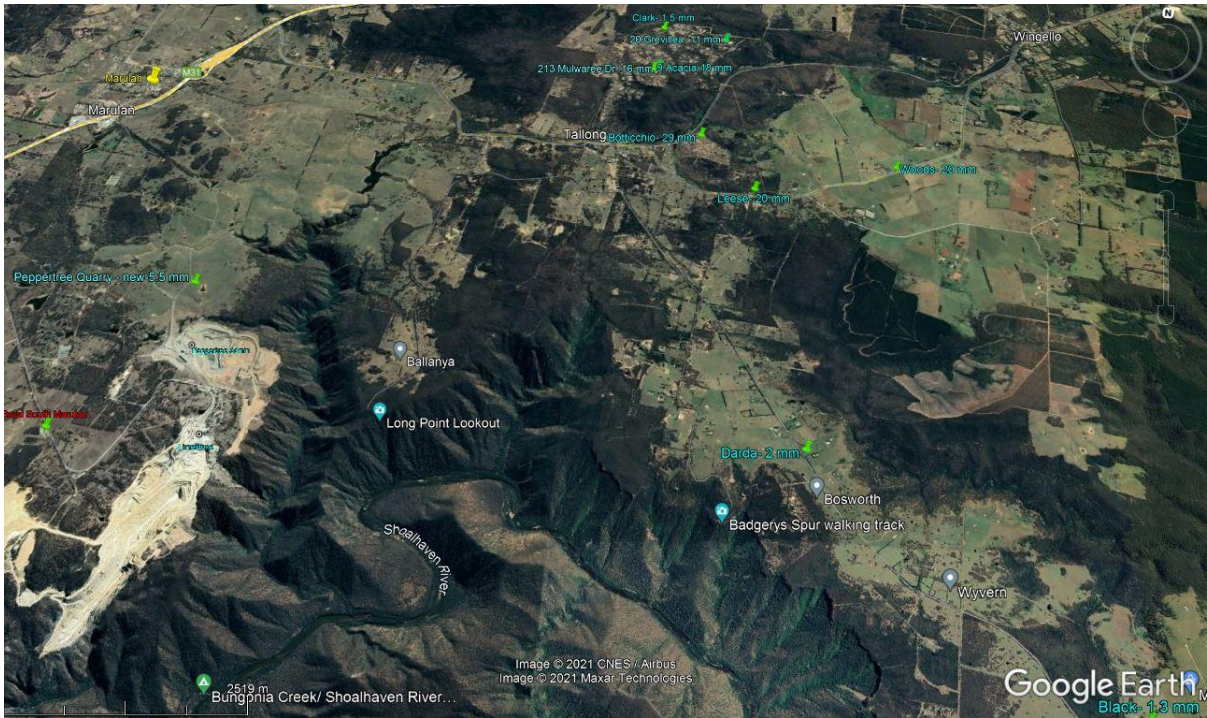


Figure 2

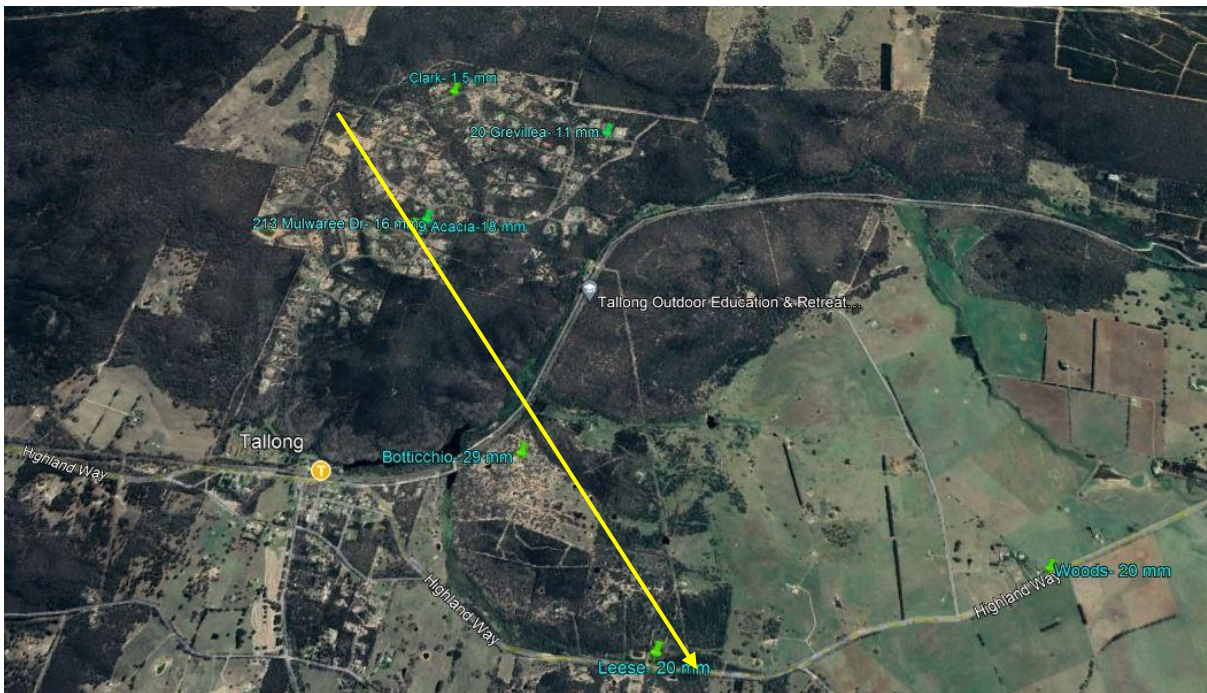


Figure 3



Figure 4