

RadarClass

U6116 St Cyriac, Luxulyan Site 2
August 2018

Report
31/08/2018

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RadarClass



U6116 St Cyriac, Luxulyan Site 2 August 2018

South-westbound / North-eastbound

Route N ^o	Column N ^o	Neighbourhood Service Area	RadarClass Unit ID	Ordnance Survey Grid Reference
U6116	B063	East	Unit 10	204951 / 058249

Date of Deployment	End of Operation	Total Period of Operation
16/08/2018	24/08/2018	9 days

Summary Table

 Speed Limit	All Observations		Weekdays		Weekends	
	South-westbound	North-eastbound	South-westbound	North-eastbound	South-westbound	North-eastbound
Number of Observations:	1,112	1,350	912	1,118	200	232
Mean Speed (mph):	15.4	17.2	15.3	17.1	15.7	18.1
85%ile Speed (mph):	18	21	18	21	19	22
Standard Deviation:	3.4	4.2	3.5	4.2	3.1	4.3
% ≤  :	99.6%	99.5%	99.6%	99.6%	100.0%	99.1%
% 31 mph to 40 mph:	0.4%	0.4%	0.4%	0.3%	0.0%	0.9%
% >40 mph:	0.0%	0.1%	0.0%	0.2%	0.0%	0.0%

Comments:

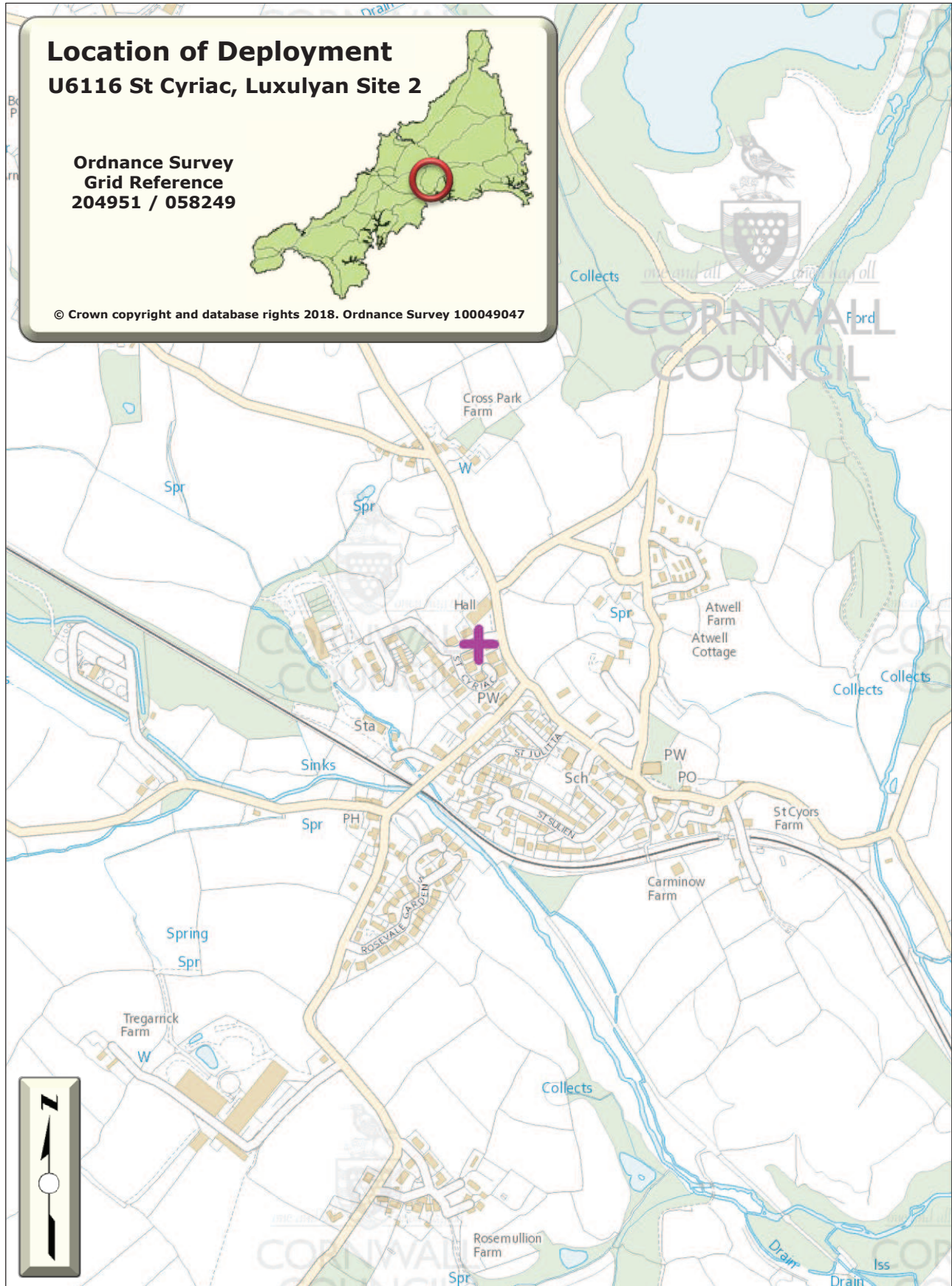
Data Submitted by:

Ken Dunn

Data Processed by:

Jim Rowe

1. Location Map.



2. Glossary of Terms & Abbreviations.

RadarClass is a portable radar device that detects and records the speed of passing vehicles. The unit is housed in an unobtrusive rugged black anti-vandal housing which can be mounted on any item of roadside furniture without looking conspicuous.

The principal role of the unit is to detect and count passing vehicles and log the date, time and speed at which they passed. Data collected can be used to determine the volume of traffic flow on the road on which the unit has been deployed.



- Nº of Observations:** The number of readings recorded by the radar. This does not correspond to an exact count of vehicles passing the sign, since vehicles may pass the sign in a tightly packed group (or 'platoon'); the radar will only record data for the 'lead vehicle' that is determining the speed for the remainder of the platoon.
- Mean Speed:** The arithmetic average of all the speed values recorded.
- 85%ile Speed:** The speed at or below which 85% of the vehicles recorded were travelling.
- Standard Deviation:** A measure of how widely speeds are dispersed from the Mean Speed.
- % ≤ 30 :** The percentage of vehicles travelling at speeds of 30 mph or below (i.e. the percentage of vehicles travelling at or within the 30 mph speed limit).
- % 31 mph to 40 mph:** The percentage of vehicles travelling at speeds of between 31 mph and 40mph.
- % >40 mph:** The percentage of vehicles travelling at speeds greater than 40 mph (i.e. the percentage of vehicles travelling at speeds in excess of 10mph above the 30 mph speed limit).