

The background of the slide is a light gray gradient. It is decorated with numerous realistic water droplets of various sizes. Some droplets are large and prominent, while others are small and subtle. They are scattered across the frame, with a higher concentration in the top-left and bottom-right corners. The droplets have highlights and shadows, giving them a three-dimensional appearance.


RIVER DART INVESTIGATION



**DOES THE VELOCITY, WIDTH, DEPTH
AND DISCHARGE DECREASE AS THE
RIVER MOVES DOWNSTREAM?**

QUESTION





**SUCCESSFULLY MEASURE THE VELOCITY,
WIDTH, DEPTH, AND DISCHARGE OF THE
RIVER DART IN 3 DIFFERENT PLACES,
NEWBRIDGE CAR PARK, THE RIVER DART
COUNTRY PARK, AND DARTMEET**

OBJECTIVE OF THE STUDY





DATA COLLECTION METHODS

- VELOCITY METER
- MEASURING TAPE
- METRE STICKS




HEALTH AND SAFETY

- WELLY BOOTS
- DO NOT CUT ANYONE.






CHOOSING A LOCATION

- PRIVATE LAND
 - FENCES
 - NOT TOO DEEP
 - NOT TOO FAST
- 



LOCATIONS CHOSEN

- DARTMEET
 - NEWBRIDGE CAR PARK
 - RIVER DART COUNTRY PARK
- 

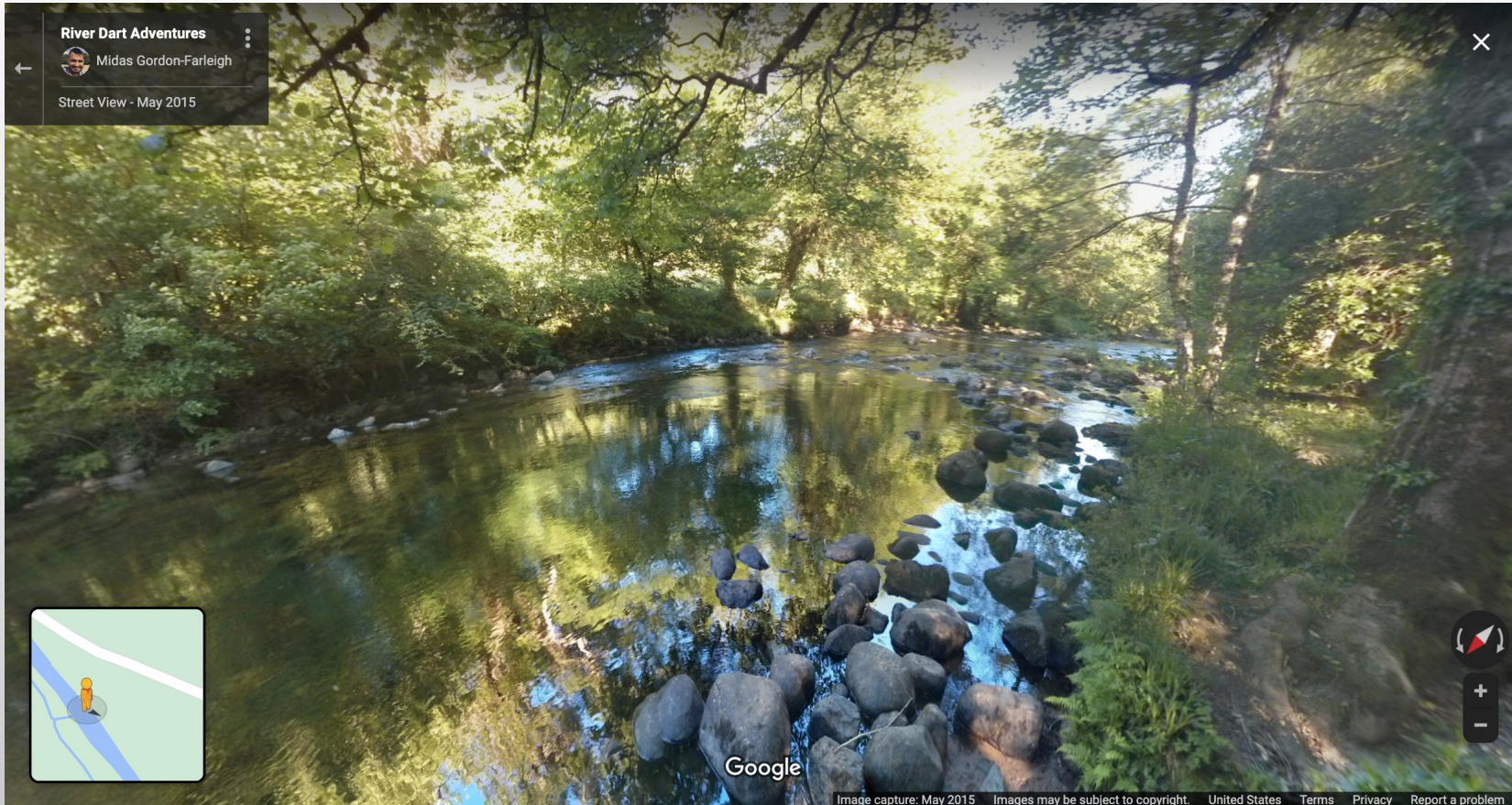
DARTMEET



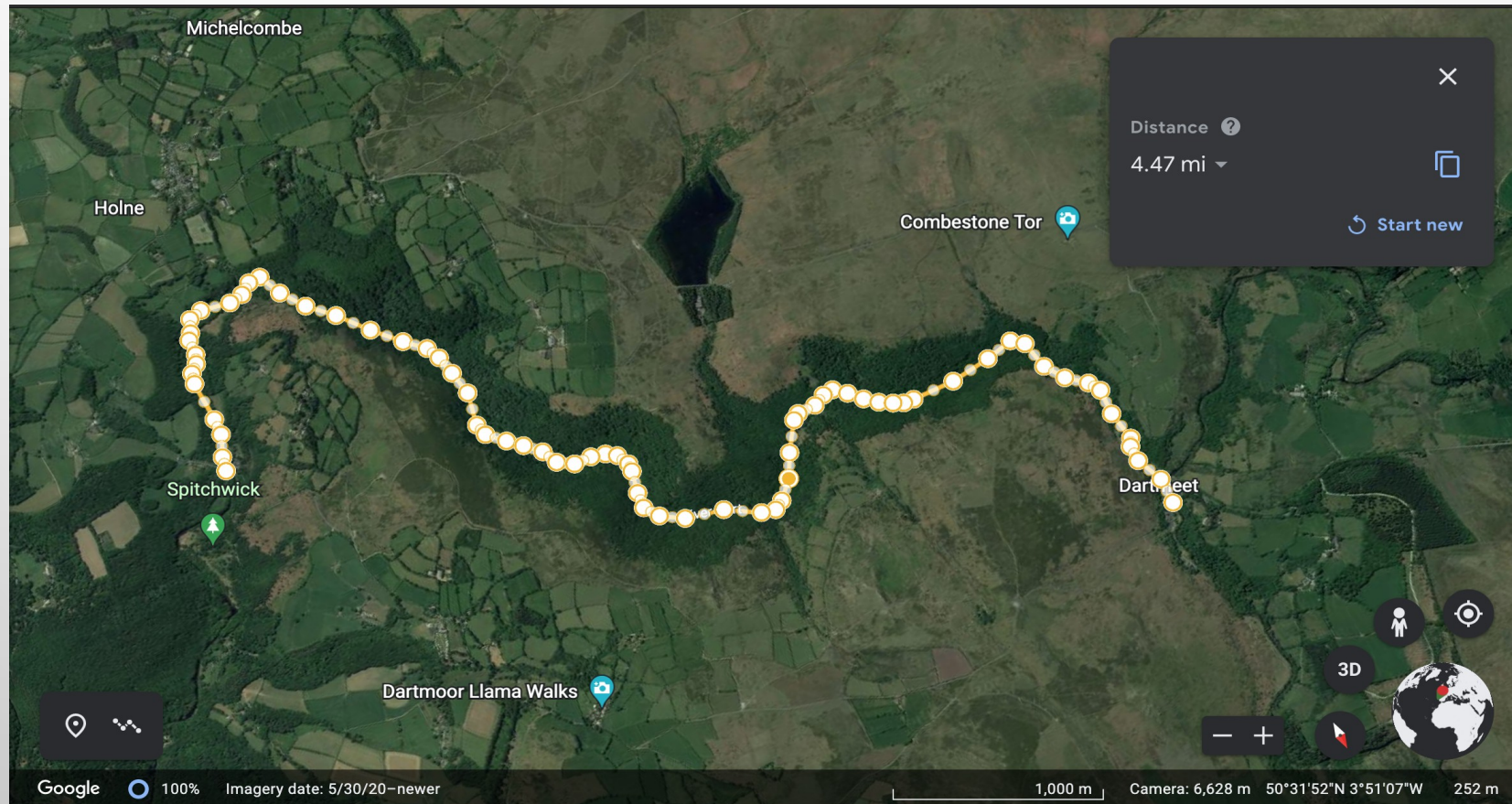
NEWBRIDGE CARPARK



RIVER DART COUNTRY PARK



DISTANCE FROM DARTMEET TO NEWBRIDGE CAR PARK



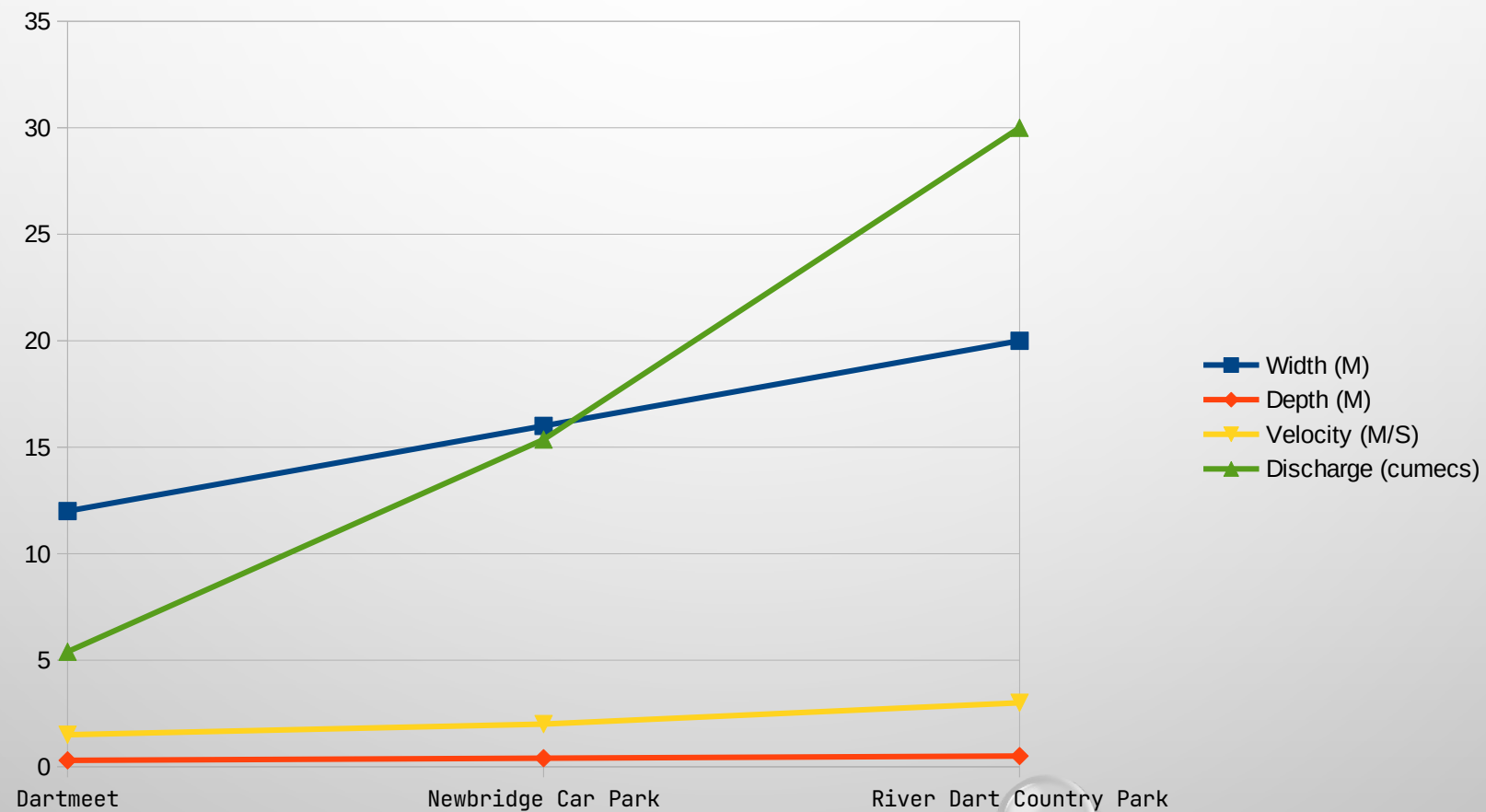
DISTANCE FROM NEWBRIDGE CAR PARK TO RIVER DART COUNTRY PARK



DATA

Site	Width	Depth	Velocity	Discharge
Dartmeet	12M	0.3M	1.5M/S	5.4 cumecs
Newbridge Car Park	16M	0.4M	2M/S	15.36 cumecs
River Dart Country Park	20M	0.5M	3M/S	30 cumecs

DATA





ANALYSIS OF DATA

- INCREASE
- EROSION ON THE BANKS