Rainfall \& Flooding Observation Chart
THE GLOBE PROGRAM

| Date | Time <br> Read between 11-1pm | Rainfall (mm) | Rainfall Description (Light, Moderate, Heavy, drizzle, mist, storm) | Puddles/flooding observed on school grounds or within the school neighbourhood ( $\mathrm{Y} / \mathrm{N} / \mathrm{WHERE}$ ) | Calculation of liters per $\mathrm{m}^{2}$ (Optional) | Other Weather Conditions (Wind, temperature, cloud cover, weather warnings etc.) | pH Test Result (Optional) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Example | 11:30 | 2 mm | Light rain | Yes, along the carpark | $2401 / \mathrm{m}^{2}$ | Windy and overcast | 5.5 |
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[^0]**If very small amount of rain, less than 0.5 mm , write $\mathbf{T}$ for 'Trace'
**Take your measurements within an hour of solar noon (between 11 and 13) everyday.
mm Rainfall Measured
44
42
44
42
40
38
36

Met Éireann's Weather Warning Categories
$30 \mathrm{~mm}-50 \mathrm{~mm}$ in 24 hrs $25 \mathrm{~mm}-40 \mathrm{~mm}$ in 12 hrs $20 \mathrm{~mm}-30 \mathrm{~mm}$ in 6 hrs
$50 \mathrm{~mm}-70 \mathrm{~mm}$ in 24 hrs $40 \mathrm{~mm}-50 \mathrm{~mm}$ in 12 hrs $30 \mathrm{~mm}-40 \mathrm{~mm}$ in 6 hrs

70 mm or greater in 24 hrs 50 mm or greater in 12 hrs 40 mm or greater in 6 hrs

Remember to read your rain gauge evenly


Empty daily after reading


Option to Calculate: How much rain fell over the area of your school?粃 Rainfall ( mm ) x square meters $\left(\mathrm{m}^{2}\right)$ (length $\times$ width $)=$ $1 / \mathrm{m}^{2}$ (liters per square meter)

## Graph it!


[^0]:    ** If no rain, write 0

