Table 1 Basic parameters and installation information of 15 water level loggers

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| No. | Longitude and latitude | Location | Types of the gully | Embedded depth (cm) | Slope of the site to the gully (o) |
| P1 | 32°57'48.70"N，103° 0'26.30"E | near gully | Cutting through the peat | 79.5 | 8.5 |
| P2 | 32°57'45.57"N，103° 0'29.50"E | near gully | Cutting through the peat | 64.5 | 4.5 |
| P3 | 32°57'36.23"N，103° 0'25.25"E | near gully | Non-cutting through the peat | 36.5 | 4.6 |
| P4 | 32°57'35.11"N，103° 0'25.44"E | near gully | Non-cutting through the peat | 55.5 | 3.2 |
| P5 | 32°57'34.22"N，103° 0'24.83"E | near gully | Non-cutting through the peat | 69.5 | 3.5 |
| P6 | 32°57'44.06"N，103° 0'30.19"E | far away the gully | - | 68 | 11.1 |
| P7 | 32°57'43.23"N，103° 0'27.12"E | far away the gully | - | 73.5 | 11.9 |
| P8 | 32°57'43.48"N，103° 0'30.71"E | far away the gully | - | 40 | 7.9 |
| S1 | 33°04'46.80"N，102° 53'46.19"E | in the gully | Cut through the peat | 33 | - |
| S2 | 33°04'48.70"N，102° 53'43.17"E | near gully | Cut through the peat | 76 | 1.8 |
| S3 | 33°04'50.48"N，102° 53'39.30"E | near gully | Cut through the peat | 51.2 | 2.6 |
| S4 | 33°04'54.03"N，102° 53'33.35"E | near gully | Non-cutting through the peat | 64 | 2.3 |
| S5 | 33°04'55.02"N，102° 53'31.84"E | near gully | Non-cutting through the peat | 66 | 8.0 |
| S6 | 33°04'56.94"N，102° 53'28.80"E | near gully | Non-cutting through the peat | 37 | 0.8 |
| S7 | 33°04'59.20"N，102° 53'25.28"E | near gully | Non-cutting through the peat | 24.3 | 4.1 |