Characteristics of the various areas

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Area ID | Area covered (km^2) |  | In path of spill? | N points projected to | Mean depth (m) | SD depth (m) |
| 1 | 8364 |  | No | 2091 | 97.98 | 21.97 |
| 2 | 2136 |  | Partial | 534 | 111.51 | 22.20 |
| 3 | 1820 |  | Yes | 455 | 118.23 | 18.59 |
| 4 | 1352 |  | Yes | 338 | 126.97 | 19.09 |
| 5 | 2100 |  | Yes | 525 | 115.28 | 25.99 |
| 6 | 4572 |  | Partial | 1143 | 100.55 | 25.73 |
| 7 | 7064 |  | Mostly not | 1766 | 94.08 | 24.32 |
| 8 | 5280 |  | Mostly not | 1320 | 86.14 | 21.85 |
| 9 | 2792 |  | No | 698 | 94.45 | 27.01 |
| 10 | 3732 |  | No | 933 | 86.02 | 26.52 |
| 11 | 7840 |  | No | 1960 | 111.11 | 20.09 |

> aggregate(myAreas$NGDC24\_M,by=list(myAreas$Area),mean)

Group.1 x

1 1 -97.98326

2 2 -111.51498

3 3 -118.23297

4 4 -126.97041

5 5 -115.28190

6 6 -100.55118

7 7 -94.07984

8 8 -86.14470

9 9 -94.44842

10 10 -86.01929

11 11 -111.11480

SD of depth

Group.1 x

1 1 21.97420

2 2 22.19880

3 3 18.58753

4 4 19.08560

5 5 25.98922

6 6 25.73152

7 7 24.32462

8 8 21.84936

9 9 27.80689

10 10 26.52393

11 11 20.08671