

How IIASA Plates have been recoding for WINDISP

Plate 18 and Plate 19 - Expected output for 120-days RF grain maze

Original Coding	original legenda	recoded values (how Windisp shows them)
0	Undefined	invalid (255)
1	not suitable	0
2	0.6-1.2	0.9
3	1.2-1.8	1.5
4	1.8-2.4	2.1
5	2.4-3.0	2.7
6	3.0-3.6	3.3
7	3.6-4.2	3.9
8	4.2-4.8	4.5
9	4.8-5.4	5.1
10	5.4-6.0	5.7
11	6.0-6.6	6.3
12	6.6-7.2	6.9
13	7.2-7.8	7.5
14	7.8-8.4	8.1
15	8.4-9.0	8.7
16	> 9.0	9.3
17	water	invalid (255)

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Plate 22 Soil fertility constraints

A numeric evaluation, in [0..1], of the constraints related to soil fertility

Original Coding	original legenda	recoded values (how Windisp displays them)
0	Undefined+water	invalid (255)
1	No constraints	0
2	few	0.1
3	slight	0.3
4	moderate	0.5
5	severe	0.7
6	very severe	0.9
7	unsuitable	1.0
8	water	invalid (255)

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Plates 26, 27 and 28

A numeric evaluation, in [0..1], of the constraints related to slope (plate26), soil (plate27), and to the combination of climate, soil and slope (plate28)

Original coding	recoded values (how Windisp shows them)
Undefined+water	255 (invalid)
No constraints	0
very few c.	0.1
few c.	0.3
partly with c.	0.5
frequent severe c.	0.7
very frequent severe c.	0.9
unsuitable for agr.	1.0
severe climate constraints	1.0 (only for plate28)

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Plate 51 - Expected output/ha for SCRF cereal
Plate 52 - Expected output/ha for SCRFI cereals
Plate 53 - Expected output/ha for MCRF cereal
Plate 54 - Expected output/ha for MCRFI cereal

Original coding	recoded values (how Windisp shows them)
Undefined+water	255 (invalid)
not suitable	0
0.8-1.6	1.2
1.6-2.4	2.0
2.4-3.2	2.8
3.2-4.0	3.6
4.0-4.8	4.4
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10.4-11.2	10.8
11.2-12.0	11.6
>12.0	12.4

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Plate 63 - Potential distribution of RF grain maize under current climate

Original Coding	recoded values (how Windisp shows them)
Undefined+water	255 (invalid)
SI > 85	0.93
SI > 70	0.78
SI > 55	0.63
SI > 40	0.48
SI > 25	0.33
SI > 5	0.15
SI > 0	0.03
not suitable	0

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Plate 68 - Impact of climate change

Recoded in such a way that Windisp will display values in [-100..100]