

What's in the "Blue Book"?

Stabilisation at Project Completion

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Stabilisation at project completion

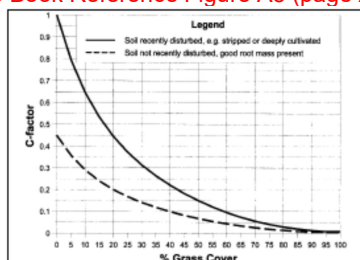
- In periods of low rainfall erosivity, must achieve and maintain C-factor of 0.15
- In periods of moderate to high rainfall erosivity, must achieve C-factor of 0.1 in 20 days and further reduce the C-factor to 0.05 within 60 days

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C-factor

- Blue Book Reference Figure A5 (page A-12)



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Rainfall erosivity

- Blue Book Reference Table 6.2 (page 6-23) and Rainfall Zone map Figure 4.9 (page 4-16)
- R-factor x % Average Annual Erosion Index (EI) in each month
- Less than 100 = Low
- 100 or more = Moderate or High
- Use half-monthly figures with caution

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Rainfall erosivity - Exercise

- What would the rainfall erosivity be for:
- Port Stephens, R-factor 2,900, Rainfall Zone 1, in January, and July?
 - Wagga Wagga, R-factor 1,100, rainfall Zone 10, in January, and July?

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Finally

- Note that every site is different and requires an individual plan
- Note the special requirements of high hazard sites
- Take particular care when working in and around watercourses
- Remember the strict requirements below the 2-year ARI flood level
- Ensure that your plan considers all constraints

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Finally

- You should now be able to confidently and competently use the Blue Book
- You should understand which type of plan is required and what should go into it
- You should be able to consider and assess all issues relevant to a site
- You should be able to use RUSLE and understand how it is used in the Blue Book

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