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| --- |
| **Interpreting Indicators of Rangeland Health Version 5 Evaluation Form - Page 2** |
| **Evaluation Area ID:**  |  **Date:**  |
|  **Departure from Expected** | **Code** | **Instructions** |
|  None to Slight |  | N-S |  | (1) Assign 17 indicator ratings, record comments and any measurements. |
|  Slight to Moderate |  | S-M |  | (2) In the attribute rating tables at the bottom of the form, write the indicator number in the appropriate column for each indicator applicable to the attribute. |
|  Moderate |  | M |  |
|  Moderate to Extreme |  | M-E |  | (3) Assign overall rating for each attribute based on preponderance of evidence. |
|  Extreme to Total |  | E-T |  | (4) Provide rationale for each attribute rating in writing. |
| **Indicator** | **Rating** | **Comments** |
| 1. Rills | **S** | **H** |  |  |
|  |  |
| 2. Water-flow patterns | **S** | **H** |  |  |
|  |  |
| 3. Pedestals and/or terracettes | **S** | **H** |  |  |
|  |  |
| 4. Bare ground (observed): **\_\_\_\_**% | **S** | **H** |  |  |
|  |  |
| 5. Gullies | **S** | **H** |  |  |
|  |  |
| 6. Wind-scoured and/or depositional areas | **S** |  |  |  |
|  |  |  |
| 7. Litter movement (wind or water) | **S** |  |  |  |
|  |  |  |
| 8. Soil surface resistance to erosionInterspace : \_\_\_\_\_ Plant Canopy: \_\_\_\_ | **S** | **H** | **B** |  |
|  |
| 9. Soil surface loss and degradation | **S** | **H** | **B** |  |
|  |
| 10. Effects of plant community composition and distribution relative to infiltration |  | **H** |  |  |
|  |  |  |
| 11. Compaction layer | **S** | **H** | **B** |  |
|  |
| 12. Functional/structural groups |  | **B** |  |
| a. Relative dominance: **\_\_\_\_** |  |  |
| b. F/S groups not expected at the site:\_\_\_ |  |
| c. Number of F/S groups: **\_\_\_\_** |  |
| d. Spp # in dom & subdom F/S groups**: \_\_\_\_** |  |
| 13. Dead or dying plants or plant parts |  | **B** |  |
|  |  |
| 14. Litter cover and depthObserved cover: **\_\_\_** % Depth: \_\_\_\_cm/in |  | **H** | **B** |  |
|   |  |
| 15. Annual production: Pounds or Kilograms)Observed: **\_\_\_\_\_** ÷ Expected **\_\_\_\_\_** = **\_\_\_\_\_** |  | **B** |  |
|  |  |
| 16. Invasive plants |  | **B** |  |
|  |  |
| 17. Vigor with an emphasis on reproductive capability of perennial plants |  | **B** |  |
|  |  |
| **Soil and Site Stability “S”** *(10 indicators)* | **Hydrologic Function “H”** *(10 indicators)* | **Biotic Integrity “B”** (*9 indicators)* |
| **Attribute Rating:**\_\_\_\_\_\_\_ | **Rationale:** | **Attribute Rating:** \_\_\_\_\_\_\_ | **Rationale:** | **Attribute Rating:** \_\_\_\_\_\_ | **Rationale:** |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| **E-T** | **M-E** | **M** | **S-M** | **N-S** |  | **E-T** | **M-E** | **M** | **S-M** | **N-S** |  | **E-T** | **M-E** | **M** | **S-M** | **N-S** |  |