

USGS Field Form 2. Segment Characterization

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[Fill out one form for each site. Items in **bold** are required for NAWQA national data aggregation. Circle units of measure where appropriate. Abbreviations in parentheses refer to parameter codes in the NAWQA data dictionary]

1. Study Unit (SUID): _____ 2. Station ID (C001 or STAID): _____
3. Station name (C900): _____
4. EPA RF3 segment code (SEGCODE): _____
5. Location of segment boundaries (degrees, minutes, seconds):
 Upstream end: latitude (USLAT) _____ longitude (USLONG) _____
 Downstream end: latitude (DSLAT) _____ longitude (DSLON) _____
6. Segment boundary location method (LOCMD): _____ map year _____
 Computation-method list (circle one): manual field GIS-vector GIS-raster
 Source-map-scale list (circle one): 1:24k 1:48k 1:100k 1:250k
7. Segment length (SEGLENG): _____ kilometers meters miles feet
8. Segment length method (SEGLENMD): _____ map year _____
 Computation-method list (circle one): manual field GIS-vector GIS-raster
 Source-map-scale list (circle one): 1:24k 1:48k 1:100k 1:250k
9. Curvilinear channel length and distance to reference locations (upstream is negative, downstream is positive):
 Upstream end (USDIST): _____ kilometers meters miles feet
 Downstream end (DSDIST): _____ kilometers meters miles feet
 Total curvilinear channel length (SEGCUR): _____ kilometers meters miles feet
10. Curvilinear channel length method (SEGCURMD): _____ map year _____
 Computation-method list (circle one): manual field GIS-vector GIS-raster
 Source-map-scale list (circle one): 1:24k 1:48k 1:100k 1:250k
11. Upstream and downstream elevation above NGVD:
 Upstream end (USELEV): _____ meters feet
 Downstream end (DSELEV): _____ meters feet
12. Elevation method (SELEVMD): _____ map year _____
 Computation-method list (circle one): manual field GIS-vector GIS-raster
 Source-map-scale list (circle one): 1:24k 1:48k 1:100k 1:250k
13. Channel sinuosity (SINUOS): _____ (dimensionless)
14. Segment gradient (GRADIENT): _____ (dimensionless)
15. Water management features (in "Wmf" file): _____

Identification (WMFID)	Type (WMFTYPE)	Description (WMFDES)	Start date (WMFBDATE)	End date (WMFEDATE)	Distance ¹ (WMFDIST) (km mi)

¹Distance, in kilometers, from reference location—upstream is negative and downstream is positive.

16. Strahler stream order (ORDER): _____
17. Strahler stream-order method (ORDERMD): _____ map year _____
 Computation-method list (circle one): manual field GIS-vector GIS-raster
 Source-map-scale list (circle one): 1:24k 1:48k 1:100k 1:250k
18. Link (Shreve stream order) (LINK): _____

19. Link method (LINKMD): map year _____
 Computation-method list (circle one): manual field GIS-vector GIS-raster
 Source-map-scale list (circle one): 1:24k 1:48k 1:100k 1:250k

20. Downstream link (DSTRLINK): _____

21. Downstream link method (DSLINKMD): map year _____
 Computation-method list (circle one): manual field GIS-vector GIS-raster
 Source-map-scale list (circle one): 1:24k 1:48k 1:100k 1:250k

22. Valley sideslope gradient (SIDEGRAD): Mean _____ (dimensionless)

Top elevation	Bottom elevation	Elevation difference	Distance	Gradient

23. Sideslope gradient method (SIDEGRMD): map year _____
 Computation-method list (circle one): manual field GIS-vector GIS-raster
 Source-map-scale list (circle one): 1:24k 1:48k 1:100k 1:250k

24. File name(s) and path where these data can be found: _____

25. Contact person for segment data: _____

26. Comments about segment data (SEGCOR): _____

