

Revised list:

1. Modify abstract and re-upload new abstract.
2. Modify part 3.3 and re-upload it.
3. Delete P.6801 line 11-12: “The reasons for this are similar to those given in the end of the section above.”

4. Add three reference:

Merriam, C. F.: A comprehensive study of the rainfall on the susquehanna valley. Trans. Amer. Geophys. Union, 18,471-476,1937.

Mu, X. M., Zhang, X. Q., Gao, P., and Wang, F.: Theory of double mass curves and its applications in hydrology and meteorology, J. China Hydrology, 30(4),47-51,2010.

Searcy, J. K., Hardisoni, C. H., and Langbein, W.B.: Double mass curves. Geological Survey Water Supply Paper 1541-B. U.S. Geological Survey, Washington, D.C., 1960.

5. Modify Figure 2 comments:

Fig. 2. Observed annual precipitation, streamflow and sediment discharge during 1950–2008 in the MRYR basin. The black arrow is change-point year.