

\*\*\*DFLOW CALCULATION REPORT\*\*\*

USGS has conducted limited testing and review of this program.  
Final review and approval is pending.

Program SWToolbox            U.S. GEOLOGICAL SURVEY            Version 1.0  
Analysis: DFLOW (version 4.x)  
Run Date and Time: 2/14/2018 10:34 AM

▲Username:            sandra.gabaldon

\*\*\*INPUTS\*\*\*

YEARS AND SEASONS

Seasonal Calculation?    No  
Season Or Year Start:    1-Apr  
Season Or Year End:      31-Mar  
Years Included in Calculations: 10  
Start:    2006  
End:      2015

STATIONS

Station #1  
Gage:    USGS 08331160 harge, cubic feet per second (Mean)  
Input File Name:            Read from  
C:\USGS-SW\data\13020203-2\NWIS\NWIS\_discharge\_08331160.rdb  
Period of Record Start: 03/15/2006  
Period of Record End:    10/07/2015  
Days in Record: 3493  
Zero Values:            40  
Missing Values: 365  
Negative Values:            0

\*\*\*RESULTS: USGS 08331160 harge, cubic feet per second (Mean)\*\*\*

BIOLOGICALLY BASED CRITICAL FLOWS

Flow Statistic	Flow Value	Percentile	x-day avg. excur. per 3 yr.
1B3	0	0.00%	0
4B3	9.59843054366438	2.19%	1
30B3	43.9652262312163	8.35%	1

NON-BIOLOGICALLY BASED CRITICAL FLOWS

Flow Statistic	Flow Value	Percentile	1-day excur. per 3 yr.
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Los Lunas 4q3.txt

7Q10     NaN     0.00%     0  
 4Q3     31.965576171875 5.48%     2.6667  
 Harmonic Mean Adj     106.749764578653     17.52%     N/A

EXCURSION ANALYSES FOR BIOLOGICALLY BASED CRITICAL FLOWS (1B3)

Total	0	Period Start	Duration	Avg Excursion
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EXCURSION ANALYSES FOR BIOLOGICALLY BASED CRITICAL FLOWS (4B3)

Cluster Start	Excursions	Period Start	Duration	Avg Excursion
2012/08/03	3	2012/08/03	14	997557420456658000.00%
		2012/08/23	53	-1381400167023670000.00%
Total	3			

EXCURSION ANALYSES FOR BIOLOGICALLY BASED CRITICAL FLOWS (30B3)

Cluster Start	Excursions	Period Start	Duration	Avg Excursion
2011/09/24	1	2011/09/24	14	2080.15%
2012/08/07	1	2012/08/07	89	43428.16%
2013/09/08	1	2013/09/08	3	211.85%
Total	3			

\*\*\*YEARS EXCLUDED FROM ANALYSIS\*\*\*

\*\*\* END OF REPORT FOR STATION #1 \*\*\*

END