

Table 2. Percent contribution of discharge from sampled tributaries to the Grande Ronde River

Date	Tributary	River Mile	Time	Discharge (cfs)	Total discharge in GR at Troy at time of measurement	Percent contribution from tributary to mainstem discharge
20-Jun-07	Wallowa	91.5	mass balance estimate*	1291	1700**	75.9
21-Jun-07	Grossman Creek	62.9	14:29	1	1880	0.05
22-Jun-07	Wildcat Creek	53.3	11:22	3.52	1860	0.2
23-Jun-07	Wenaha River	45.4	12:50	217	1730	12.5
26-Jun-07	Joseph Creek	4.3	12:40	22.7	1410	1.6

*Discharge in the Wallowa River was estimated using mass balance methods. Discharge of the Grande Ronde above the Wallowa confluence was calculated using standard velocity-area methodologies. Overall discharge for mainstem during the same time period was also determined using USGS gage information from Troy, OR (gage #13333000). Discharge contributions to the Wallowa from the Minam River are also determined using USGS gage information at Minam, OR (gage #13331500). Contributions from tributaries between the Wallowa-Grande Ronde confluence and Troy gage were assumed to equal measured discharges.

**Average total daily discharge