Absolute Uncetainty Precipitation										
0.75	1.36	1.04	0.78	1.25	0.87	1.30	0.81	Jan		
0.88	1.83	1.26	0.84	1.62	1.32	1.35	1.12	Feb		
0.85	2.13	1.08	0.79	1.66	1.76	1.92	1.46	March		
1.54	3.27	1.97	1.56	2.71	2.42	2.73	2.07	April		
1.59	4.18	2.99	2.42	2.96	2.35	3.00	2.37	May		
2.52	4.84	3.76	2.30	3.92	2.91	3.21	2.78	June		
3.30	5.92	4.72	3.65	4.88	3.82	3.60	3.51	July		
4.37	5.38	7.01	4.37	5.66	3.39	3.75	3.45	August		
2.80	6.03	4.64	3.07	5.30	3.58	3.56	3.52	September		
1.57	5.55	3.73	1.58	3.40	2.44	3.77	2.29	October		
0.62	1.56	1.20	0.72	1.52	0.93	1.52	0.80	November		
0.86	1.23	1.24	0.87	1.46	0.89	1.15	0.81	December		
1.80	3.61	2.89	1.91	3.03	2.22	2.57	2.08	Mean		
Bani	KatsinaAla	Konkoure	Logone	Milo	Mono	Oubangui	Oueme			

Supplement: Absolute uncertainty in monthly precipitation, discharge, TWSC and basin-wide water balance evapotranspiration

a)

1.98	17.56	9.12	0.76	3.21	3.15	2.04	1.00	January	50
1.66	16.98	8.91	0.61	3.45	3.41	1.76	1.07	February	40
1.18	14.89	8.12	0.46	3.33	3.37	1.52	0.98	March	
0.66	19.14	8.06	0.43	3.38	3.54	1.58	1.02	April	30
0.29	24.82	8.16	0.50	3.49	3.27	1.93	1.01	May	20
0.30	29.92	10.11	0.72	5.14	2.56	2.38	1.35	June	40
1.56	39.16	21.41	1.52	8.23	3.33	2.88	2.41	July	10
4.36	51.15	31.58	2.77	19.35	4.31	3.96	4.41	August	
7.09	37.52	35.11	3.86	19.86	6.01	5.11	5.84	September	
6.55	29.62	24.24	4.46	12.34	5.29	5.76	5.73	October	
3.96	26.46	19.28	3.65	6.04	4.35	5.22	2.11	November	
2.71	22.22	12.13	1.74	3.64	3.94	2.97	1.25	December	
2.69	27.45	16.35	1.79	7.62	3.88	3.09	2.35	Mean	b)
Bani	KatsinaAla	Konkoure	Logone	Milo	Mono	Oubanqui	Oueme		

Absolute Uncetainty Discharge

Absolute	Uncetainty	TWS	
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4.17	4.98	4.76	4.16	4.83	3.29	4.39	3.70	January	
4.17	4.96	4.75	4.16	4.83	3.27	4.38	3.70	February	
4.43	5.29	5.04	4.40	5.12	3.47	4.65	3.92	march	4
4.03	4.82	4.63	4.03	4.67	3.19	4.25	3.60	April	
3.91	4.67	4.51	3.91	4.54	3.11	4.14	3.50	May	4
3.96	4.75	4.57	3.97	4.60	3.14	4.20	3.55	June	١.
3.95	4.73	4.56	3.95	4.57	3.14	4.19	3.56	July	1
4.09	4.89	4.69	4.09	4.74	3.25	4.33	3.66	August	
4.19	5.02	4.80	4.21	4.87	3.32	4.45	3.74	September	
4.24	5.02	4.82	4.22	4.89	3.33	4.44	3.74	October	
4.23	5.05	4.85	4.22	4.89	3.35	4.45	3.78	November	
4.10	4.87	4.71	4.07	4.75	3.24	4.31	3.66	December	
4.12	4.92	4.73	4.12	4.77	3.26	4.35	3.68	Mean c)
Bani	KatsinaAla	Konkoure	Logone	Milo	Mono	Oubangui	Oueme		

Absolute Uncetainty ET-WB

		4.68	18.30	10.35	4.30	5.93	4.64	5.01	3.92	January	50
	5	4.58	17.78	10.18	4.29	6.15	4.91	4.91	4.01	February	40
	4.5	4.66	15.95	9.61	4.50	6.33	5.14	5.26	4.30	March	
		4.36	20.01	9.50	4.34	6.37	5.35	5.29	4.28	April	30
	4	4.23	25.60	9.79	4.63	6.44	5.09	5.46	4.35	May	20
		4.71	30.68	11.71	4.64	7.94	4.99	5.80	4.71	June	20
	3.5	5.38	39.89	22.39	5.59	10.61	5.97	6.23	5.55	July	10
		7.40	51.67	32.68	6.60	20.71	6.37	6.96	6.68	August	
		8.70	38.33	35.73	6.49	21.12	7.75	7.65	7.78	September	
	1	7.95	30.55	25.00	6.34	13.70	6.70	8.19	7.22	October	
		5.82	26.98	19.92	5.62	7.92	5.56	7.02	4.40	November	
		4.99	22.78	13.08	4.51	6.16	5.18	5.36	3.95	December	
:)		5.62	28.21	17.49	5.15	9.95	5.64	6.10	5.09	Mean	d)
1		Bani	KatsinaAla	Konkoure	Logone	Milo	Mono	Oubangui	Oueme		