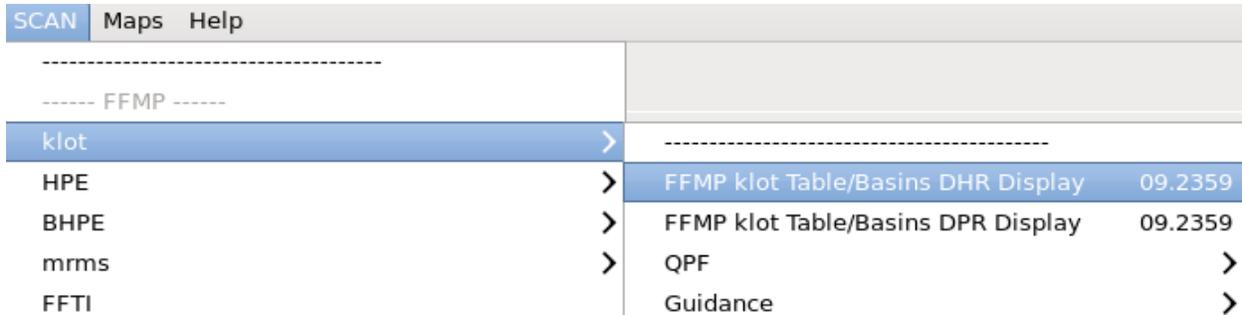


Jobsheet #2: Loading ARI data in the FFMP Basin Table (and FFMP D2D display)

1. Load FFMP for any precip source (e.g. SCAN-> FFMP \$radar Table/Basins DHR Display).
 - o e.g. SCAN-> FFMP klot Table/Basins DHR Display for the klot DHR Legacy precip source



2. Click on the **Attributes** button on the upper-right part of the FFMP table.

The screenshot shows the 'FFMP Basin Table klot' application window. At the top, there is a menu bar with 'File', 'Config', 'D2D', 'Layer', 'Zoom', 'CWA', and 'Click'. Below the menu bar, there are three buttons: 'Refresh D2D', 'Config Summary', and 'Clear Trace'. The date and time 'Apr 10 15 04:56:48 GMT' are displayed. Below this, there is a 'Gap: 0.00 (hrs.)' label and a 'Time Duration (hrs.)' slider set to 3.00. A 'Rate' button is also present. Below the slider, there is a horizontal axis with labels: 0.00, 3.00, 6.00, 9.00, 12.00, 15.00, 18.00, 21.00, 24.00. At the bottom right, there are two buttons: 'Thresholds' and 'Attributes...'. Below these buttons is a table with the following data:

NAME	RATE	OPE	RFCFFG GUID	RFCFFG RATIO	RFCFFG DIFF
Des Plaines River	0.00	0.56	0.16	359	0.40
Unnamed Basin at Intersection of IL Rte 137 and Blanchard Rd 2SE of Beach Park	0.00	0.95	0.28	346	0.67
Tributary to Lake Michigan in Waukegan	0.00	0.79	0.28	286	0.51
Tributary to Lake Michigan in Zion	0.00	0.62	0.24	264	0.38
Unnamed Basin at Intersection of Martin Luther King Dr and Commonwealth Ave in North Chicago	0.00	0.74	0.47	156	0.27
Indian Creek	0.00	0.43	0.36	121	0.07
Des Plaines River	0.00	0.49	0.55	90	-0.06
XXXX	0.00	1.09	1.50	73	-0.41
Des Plaines River	0.00	1.08	1.49	73	-0.41
Barnes Creek	0.00	0.73	1.02	71	-0.29
Du Page River	0.00	1.06	1.55	68	-0.49
Fraction Run	0.00	0.93	1.38	67	-0.45
North Fraction Run	0.01	0.91	1.38	66	-0.47
Sugar Run	0.01	0.91	1.46	63	-0.55
Indian Creek	0.00	0.28	0.45	62	-0.17
Hickory Creek	0.00	0.79	1.30	61	-0.51

3. If the ARIFFG1 checkbox is selected, deselect it, and select **ARIFFG10**.
 - o Three new columns will appear: basin-averaged ARI, Ratio based on QPE-to-ARI, and Diff based on ARI - QPE.

The screenshot shows a software window titled "FFMP Basin Table klot" with a timestamp of "Apr 10 15 04:56:48 GMT". The main area contains a table with the following data:

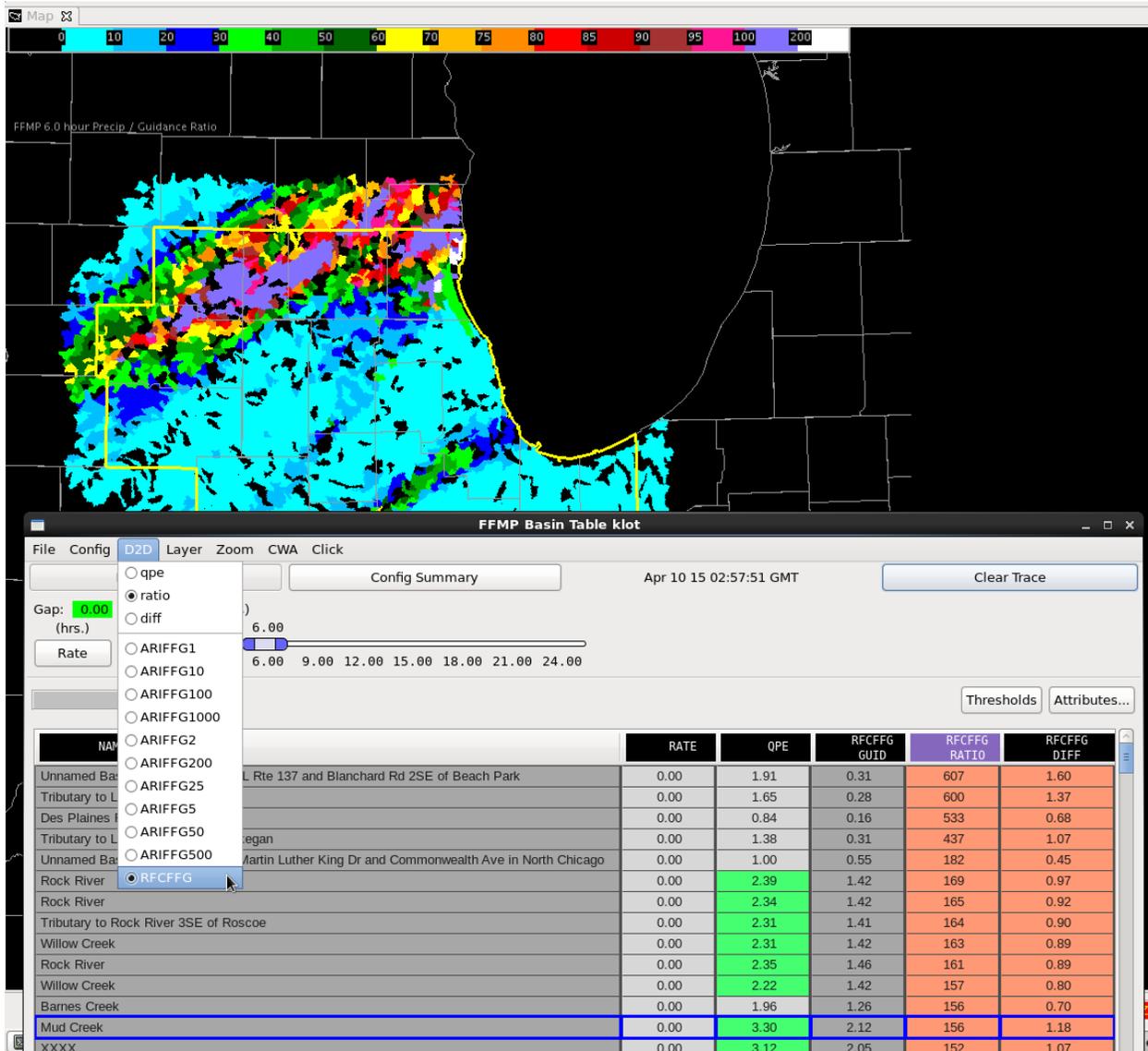
	RATE	QPE	ARIFFG10 GUID	ARIFFG10 RATIO	ARIFFG10 DIFF	RFCFFG GUID	RFCFFG RATIO	RFCFFG DIFF
	0.00	0.56	2.50	23	-1.94	0.16	359	0.40
	0.00	0.95	2.45	39	-1.50	0.28	346	0.67
	0.00	0.79	2.45	32	-1.66	0.28	286	0.51
	0.00	0.62	2.44	26	-1.82	0.24	264	0.38
	0.00	0.74	2.45	30	-1.71	0.47	156	0.27
	0.00	0.43	2.53	17	-2.10	0.36	121	0.07
	0.00	0.49	2.47	20	-1.98	0.55	90	-0.06
	0.00	1.09	2.48	44	-1.39	1.50	73	-0.41
	0.00	1.08	2.48	44	-1.40	1.49	73	-0.41
	0.00	0.73	2.61	28	-1.88	1.02	71	-0.29
	0.00	1.06	2.51	42	-1.45	1.55	68	-0.49
	0.00	0.93	2.55	36	-1.62	1.38	67	-0.45
	0.01	0.91	2.54	36	-1.63	1.38	66	-0.47
	0.01	0.91	2.49	37	-1.58	1.46	63	-0.55
	0.00	0.28	2.55	11	-2.27	0.45	62	-0.17
	0.00	0.79	2.55	31	-1.76	1.30	61	-0.51

The 'Attributes' panel on the left shows the following checked items: rate, qpe, diff, ARIFFG10, and RFCFFG. Other items like ARIFFG1, ARIFFG100, and ARIFFG1000 are unchecked.

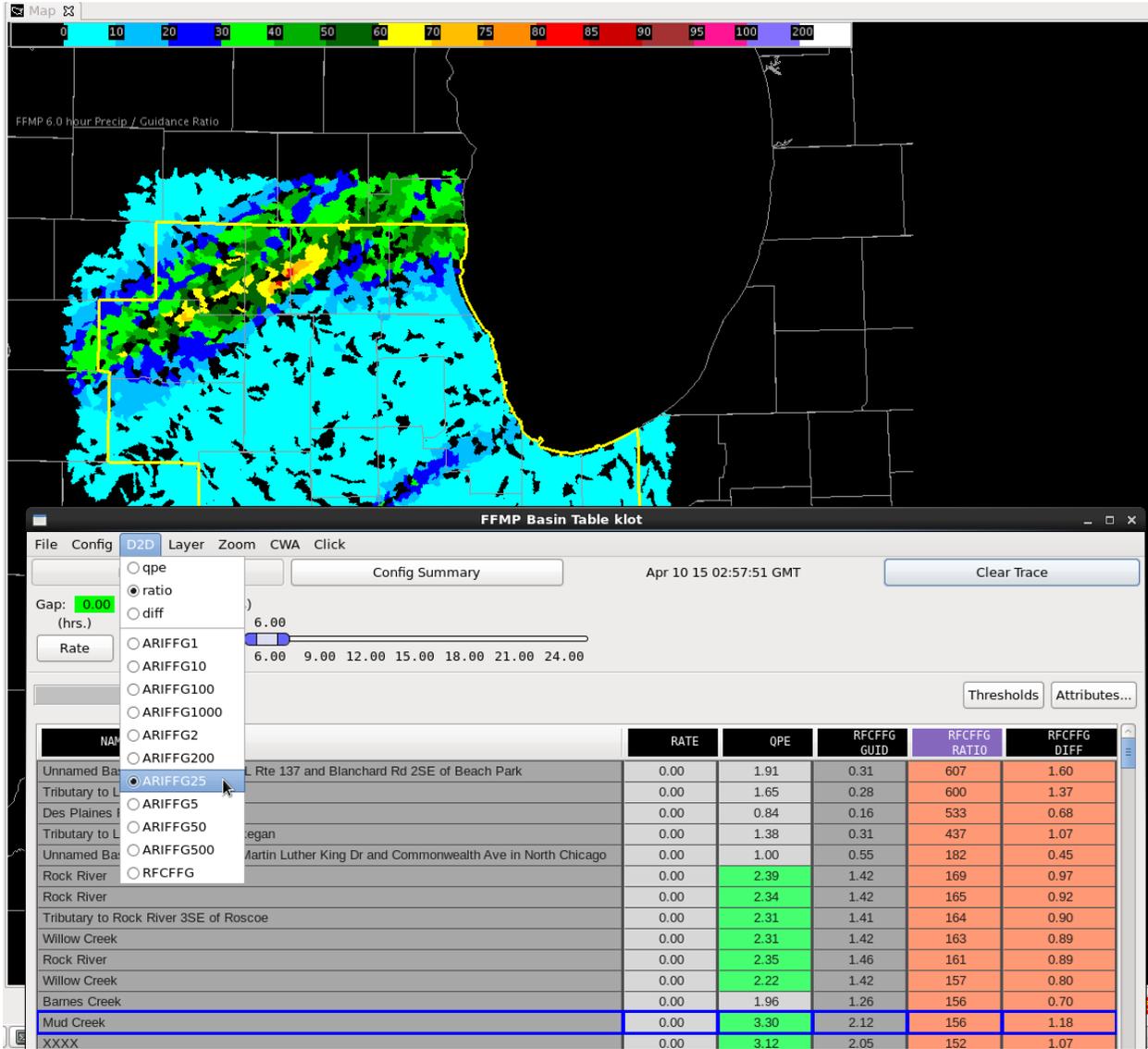
4. Each additional ARI checked from the Attributes table will add three more columns to the table.
 - o Deselecting the checkbox before selecting the next checkbox is a convenient way to cycle through each of the ARIs to compare ARI precip to the QPE for the basins in the table.

Next let's change the display of the FFMP D2D to show ARI-based calculations.

1. In the FFMP table, go to the **D2D** menu, and select **ratio**. Note the RFCFFG is checked on the bottom of the menu.



- Select one of the check boxes for ARI (e.g. **ARIFFG25**) and notice the changes in the D2D display.



3. To return the D2D display to FFG, select **RFCFFG** in the **D2D** menu.

