Example for Year 1929 PA F

15-May Time 1-Jun Time Wt 5.4 5.9 Reach RM Reach Wt 298 46.4 0 0 46.1 296 1 1 6.7 284 14 28 275 0.3 18 32 271 0.2 35 32 266 0.2 37 37 257 0.1 38 40

2

0	0
0.054	0.059
0.756	1.652
0.972	1.888
1.728	2.065
1.998	2.183
2.16	2.242

3

Reach RM	Reach Wt		
298	46.4	0.345	
296	46.1	1.248	
284	6.7	39.089	
275	0.3	39.026	
271	0.2	39.299	
266	0.2	38.799	

latch Model

9-Jun	16-Jun	24-Jun	1-Jul	9-Jul	16-Jul	24-Jul
7.8	13.3	16	15.9	14.2	10.4	6.7
0	0	0	0	0	0	0
1	1	0	1	1	1	1
36	40	43	43	43	41	40
39	40	41	42	41	41	40
40	40	40	40	40	40	40
39	39	39	39	39	39	39
37	37	37	37	37	37	37

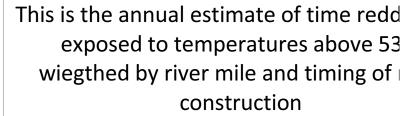
	0 0	0	0	0	0	0
0.07	8 0.133	0	0.159	0.142	0.104	0.067
2.80	8 5.32	6.88	6.837	6.106	4.264	2.68
3.04	2 5.32	6.56	6.678	5.822	4.264	2.68
3.1	2 5.32	6.4	6.36	5.68	4.16	2.68
3.04	2 5.187	6.24	6.201	5.538	4.056	2.613
2.88	6 4.921	5.92	5.883	5.254	3.848	2.479

0.16008 0.575328 2.618963 0.117078 0.078598

0.077598

These are the days redds werer above 53.5 water temperature for each river reach weighhed by temporal and spatial distribution

3.664889



NOTE: we could have weighted by space and then time and would get the exact answer.

1-Aug 3.1	16-Aug 1.4
3	18
6	19
40	39
40	40
40	39
39	38
37	36

These are the days redds were a water temperature for each rive time point.

These are the days redds werer al temperature for each river reach weighted by the timing distribu

0.093	0.252
0.186	0.266
1.24	0.546
1.24	0.56
1.24	0.546
1.209	0.532
1.147	0.504

	ı
0.345	
1.248	
39.089	
39.026	1
39.299	1
38.799	
37.244	

This is the sum of the which is used in the

F

Is were 3.5 redd

ce first : same

above 53.5 F er reach and

bove 53.5 F water h and time point ution of redds.

ne time weighted redds, ne calculation below to