

Rangen Research Hatchery - Weekly Total Flow (CTR + Dam) Measurements

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1996												
Week 1	28.5	26.0	24.5	23.5	18.5	19.2	16.4	18.9			36.3	34.7
Week 2	27.8	24.2	24.3	23.0	17.3	16.5	15.1	20.9	26.7		35.8	34.3
Week 3	27.1	24.6	23.0	22.8	20.2	16.8	17.6	20.2	31.4	34.8	36.1	33.3
Week 4	25.4	24.8	23.2	22.5	21.8	14.2	16.7	23.0	29.0	35.9	34.9	32.5
Week 5	25.9			19.7			19.2					
Average	27.0	24.9	23.7	22.3	19.4	16.7	17.0	20.7	29.0	35.3	35.8	33.7
1997												
Week 1	31.8	29.2	30.9	28.4	26.7	25.1	27.7	25.1			44.0	41.6
Week 2	32.5	30.0	30.4	27.0	22.7	25.7	23.6	28.6	32.0		43.7	40.6
Week 3	31.6	30.5	29.5	27.2	22.4	27.1	25.9	29.7	32.9	42.9	43.5	39.5
Week 4	31.6	29.9	29.1	24.0	24.1	26.6	24.5	27.9	35.9	43.5	42.1	38.6
Week 5	30.4			24.4					39.4			37.2
Average	31.6	29.9	30.0	26.2	24.0	26.1	25.4	27.8	35.0	43.2	43.3	39.5
1998												
Week 1	37.1	34.3	32.1	29.4	22.9	31.2	24.7	23.4	26.8		42.3	40.6
Week 2	36.8	33.4	31.2	29.2	23.7	29.4	24.4	25.5			42.6	39.4
Week 3	35.9	34.0	30.4	29.0	28.0	29.3	21.1	25.2	32.9	41.2	41.4	37.8
Week 4	34.5	32.9	30.2	26.2	30.0	29.9	22.1	24.3	35.4	41.4	41.2	43.5
Week 5				24.3			23.5		39.2			36.2
Average	36.1	33.6	30.9	27.6	26.2	29.9	23.1	24.6	33.6	41.3	41.9	39.5
1999												
Week 1	36.2	34.0	33.5	27.3	25.9	24.4	21.3	21.3	24.8	34.3	31.2	34.3
Week 2	36.8	33.6	31.9	25.9	26.1	26.5	19.1	19.3	26.5	35.6	21.7	33.5
Week 3		33.3	30.1	25.6	24.6	24.5	18.4	20.6		37.0	31.4	32.5
Week 4		29.6	27.1	22.7	21.4	22.3	20.6	23.2	32.6	37.4	31.8	32.5
Week 5			26.8			24.2					31.7	
Average	36.5	32.6	29.9	25.4	24.5	24.4	19.9	21.1	28.0	36.1	29.5	33.2
2000												
Week 1	32.0	29.6	28.9	25.2	16.4	18.0	16.2	22.7	26.3	31.9	36.1	30.9
Week 2	32.3	29.2	30.1	24.7	18.1	18.2	15.1	18.8	28.0	34.5	34.7	30.3
Week 3	31.5	28.5	28.5	20.7	21.3	20.1	16.7	18.6	26.9	35.4	35.0	29.2
Week 4	30.9	29.8	29.1	20.4	23.3	18.5	21.2	21.6		33.8	30.0	27.5
Week 5			25.9		22.6			24.2				
Average	31.7	29.3	28.5	22.7	20.3	18.7	17.3	21.2	27.1	33.9	34.0	29.5
2001												
Week 1	27.5	26.1	24.2	21.8	17.7	11.2	13.8	13.7	17.9	20.0	24.5	22.0
Week 2	27.2	22.7	23.3	22.5	18.1	13.3	14.2	15.2	18.2	22.8	24.2	22.7



Week 3	27.2	23.4	22.5	21.3	16.3	14.3	12.3	14.5	18.2	24.4	23.7	22.2
Week 4	26.7	24.6	22.2	19.6	15.3	12.4	12.4	15.6	18.8	25.6	23.8	21.6
Week 5	26.2				17.0					25.0		21.0
Average	27.0	24.2	23.1	21.3	16.9	12.8	13.2	14.8	18.3	23.6	24.0	21.9
2002	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Week 1	20.5	19.1	17.4	16.4	12.0	11.3	10.9	10.1	12.3	20.3	21.5	19.6
Week 2	20.0	18.4	17.6	15.9	12.5	11.8	11.0	11.2	13.0	21.5	21.5	18.8
Week 3	19.8	18.1	17.0	15.5	13.5	12.1	10.6	11.3	14.5	21.2	20.7	19.2
Week 4	19.9	18.1	17.1	15.4	12.0	11.7	10.8	11.4	17.1	21.1	20.6	19.0
Week 5				13.1			11.0		19.2	20.9		17.9
Average	20.1	18.4	17.2	15.3	12.5	11.7	10.9	11.0	15.2	21.0	21.1	18.9
2003	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Week 1	16.9	16.0	14.6	13.2	12.9	13.0	11.9	11.3	12.9	16.7	19.2	17.1
Week 2	16.8	15.1	13.8	12.5	13.0	12.8	12.0	12.0	13.8	18.5	18.2	15.7
Week 3	16.2	14.9	13.7	13.0	12.8	12.5	11.0	12.3	15.1	19.2	17.8	16.2
Week 4	16.1	14.4	13.6	12.7	12.9	12.7	11.6	12.5	16.3	18.8	17.5	15.5
Week 5			13.5				12.3		15.9			15.9
Average	16.5	15.1	13.8	12.9	12.9	12.7	11.6	12.0	14.8	18.3	18.2	16.1
2004	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Week 1	15.2	13.4	13.3	11.8	11.3	12.3	12.1	12.0	12.1	14.9	14.2	12.9
Week 2	14.8	13.5	13.5	12.2	11.0	12.5	12.3	11.2	13.3	13.8	14.0	12.9
Week 3	14.5	13.2	13.4	11.3	10.9	12.1	11.3	11.7	13.2	14.3	13.5	12.7
Week 4	13.9	13.1	12.6	11.6	11.8	12.0	11.7	11.9	13.6	14.6	13.6	12.6
Week 5			12.7		12.1			12.4			13.3	
Average	14.6	13.3	13.1	11.7	11.4	12.2	11.8	11.8	13.1	14.4	13.7	12.8
2005	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Week 1	12.6	11.6	11.2	11.4	11.1	11.8	11.5	9.7	11.4	14.4	15.6	14.9
Week 2	12.5	11.6	10.9	11.5	10.9	11.7	10.9	9.9	11.8	15.3	15.7	14.1
Week 3	12.3	11.3	11.3	11.3	11.8	11.5	11.2	10.6	12.9	16.1	14.6	13.7
Week 4	11.9	11.0	10.8	11.7	11.8	11.0	9.8	11.3	13.3	16.6	14.1	13.6
Week 5	11.5				11.6			11.6		16.1		
Average	12.1	11.4	11.1	11.5	11.4	11.5	10.8	10.6	12.4	15.7	15.0	14.1
2006	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Week 1	13.6	12.7	12.3	12.8	12.6	12.0	12.4	12.9	15.1	19.0	20.7	18.1
Week 2	13.0	12.4	12.6	12.8	10.7	11.8	11.5	12.8	15.7	20.6	19.6	18.0
Week 3	13.1	12.5	12.9	12.8	11.3	12.4	11.4	12.9	18.2	22.0	19.1	17.6
Week 4	13.5	12.6	12.8	12.7	11.6	12.5	11.4	13.8	19.3	21.9	18.7	16.9
Week 5	12.8				11.9		12.1			21.5		
Average	13.2	12.6	12.6	12.8	11.6	12.2	11.8	13.1	17.1	21.0	19.5	17.6
2007	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec

Week 1	16.3	15.1	13.7	13.6	13.7	13.8	13.1	11.4	14.8	20.0	20.1	20.3
Week 2	15.7	15.1	13.7	13.2	13.5	14.2	12.7	11.6	15.6	20.7	20.6	19.9
Week 3	15.9	14.0	14.1	13.2	13.5	14.0	12.6	12.3	17.2	21.6	20.8	19.2
Week 4	15.6	14.2	13.6	13.2	13.9	13.4	12.6	12.0	19.0	22.2	20.5	17.7
Week 5	14.8			13.5			12.8			22.1		18.1
Average	15.7	14.6	13.8	13.4	13.6	13.8	12.8	11.8	16.7	21.3	20.5	19.0
2008	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Week 1	17.4	15.9	14.7	13.7	13.0	12.8	11.2	11.7	12.2	17.1	18.2	15.9
Week 2	16.9	15.2	14.0	13.8	12.3	12.9	11.4	10.9	12.8	18.1	17.9	15.6
Week 3	16.2	15.0	14.0	13.0	12.2	13.1	11.4	11.6	13.8	18.8	17.3	15.4
Week 4	15.9	14.6	13.9	13.0	12.7	12.9	11.4	12.4	14.5	18.5	16.5	15.2
Week 5			14.0			11.2			15.1			15.2
Average	16.6	15.2	14.1	13.4	12.6	12.6	11.4	11.7	13.7	18.1	17.5	15.4
2009	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Week 1	14.5	13.4	12.9	12.3	11.3	10.7	11.8	11.5	13.5	17.4	18.0	16.3
Week 2	14.4	13.3	12.2	12.0	11.5	9.3	11.7	12.1	14.7	18.2	17.1	16.5
Week 3	14.0	13.3	12.5	11.8	10.2	12.0	11.7	12.1	14.8	19.1	17.2	16.2
Week 4	13.2	13.0	12.7	11.6	10.9	12.5	11.7	12.6	15.6	17.7	16.9	15.5
Week 5			12.6					13.1			16.5	
Average	14.0	13.2	12.6	11.9	11.0	11.1	11.7	12.3	14.6	18.1	17.2	16.1
2010	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Week 1	14.8	14.2	12.6	12.2	11.8	12.6	12.0	11.7	13.2	16.0	19.0	17.6
Week 2	14.1	13.8	12.7	12.2	11.7	13.3	11.6	11.9	13.6	17.2	19.1	16.1
Week 3	14.7	13.3	12.3	11.7	11.7	12.9	11.3	12.1	14.4	18.0	18.5	16.3
Week 4	14.2	13.0	12.5	11.9	12.1	12.1	11.8	12.3	15.4	19.2	17.5	15.7
Week 5			11.8		12.3			12.8			18.3	
Average	14.4	13.6	12.4	12.0	11.9	12.7	11.7	12.1	14.1	17.6	18.5	16.4
2011	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Week 1	15.7	14.2	13.8	13.2	13.0	13.6	12.4	11.8	13.0	16.5	21.9	19.9
Week 2	15.3	13.9	13.4	13.6	12.2	13.5	12.8	12.6	13.2	18.7	21.8	
Week 3	15.0	13.8	13.4	12.6	12.8	13.4	12.3	12.6	14.4	20.6	21.8	
Week 4	14.6	13.5	13.3	13.0	13.1	12.9	12.0	12.2	15.5	21.3	20.5	
Week 5	13.8				12.6			12.4		22.3		
Average	14.9	13.8	13.5	13.1	12.7	13.3	12.3	12.3	14.0	19.9	21.5	19.9