

Justification for locating the project in forest area to be submitted by User Agency

The water available in the Yamuna is carried to various parts of Haryana through WJC MLL. The WJC MLL offtakes from Dadupur Head and runs up to the Indri head RD 190950. At present the capacity of WJC MLU i.e from Hathnikund barrage to RD 4726 is 19866 Cusec & from Rd 4726 to Dadupur head is 16000 Cusec. The Hydrel channel offtakes from RD 900meter with a capacity of 5500 Cusec. The Hydrel channel gets closed during rainy season due to high silt content & then the availability of water in WJC MLU restricted to 16000 Cusecs only resulting which shortage of canal water in different reasons of Haryana even after availability of water above Hathnikund barrage. The water availability in non monsoon period remains in between 3000 to 6000 cusec at HKB & we have to run this discharge in existing section of WJC Upto Hamida head in which bed is katcha & maximum losses of water occurs & around 400 to 500 Cusec water goes waste. Now the Govt of Haryana has approved a proposal of Construction of PLC with a discharge capacity of 6065Cusec in parrallel to WJC MLL with a revised capacity of 17530Cusec with the view that during non monsoon period the supply will run in pucca section of PLC upto Hamida head RD 68220 resulting minimum losses of water & after Hamida head the supply will run through Augumentation canal with the revised capacity of 6050Cusecs upto Munak head for which the project has already been cleared by regional office, Chandigarh.

As the system of WJC from HKB to Munak head is very old system & now govt is willing to remodel the whole system in phases out of which the project for reconstruction of Augumentation canal from RD 0 to 75 KM upto Munak head with a revised discharge capacity of 6050Cusec has already been cleared by Regional office Chandigarh & deptt is ready to float tenders within this month. The project for increasing capacity of WJC MLU from RD 4726 to 66347(Dadupur head) is also in pipeline & the revised capacity has already approved by Chief Engineer, YWS(N) & for designing the correspondence with CWC has been initiated. The detail of water available above HKB during Monsoon & non Monsoon is attached which clearly shows that water is available but due to non availability of sufficient capacity channels the extra water has to discharge in River Yamuna at HKB & in River Somb at Dadupur head. So the project of construction of PLC with pucca section is of very much essential to fulfill the demand of canal water in various parts of Haryana which at present goes waste. The Haryana is water deprived state & even the problem of drinking water is there in southern parts of Haryana & once all these projects got completed the Maximum problem of canal water will be sorted out & for construction of PLC the no of trees standing on the banks at site are very much necessary to deforested. Government has decided and approved a Project of construction PLC with discharge of 6065 cusecs form RD 1000 to 60420 with CC lining in the full parameter up to Hamida Head which will be parallel to existing WJC MLL with discharge 17530 cuses inside so that the water will run in the PLC during the nine month of non monsoon period to reduce the loses of water. Construction of parallel lined Channel would also ensure maximum availability of drinking water in lower southern Haryana. **Construction of parallel lined channel would increase the available of water at Hamida head & Munak head.**

The details of water availability in upstream of HKB for 9 months from January to June and October to December for following years :-

S.NO	YEAR FOR WATER AVAILABILITY	NUMBER OF DAYS FOR WATER MORE THAN 3000 CUSESC IN 9 MONTHS NON RAINY SEASON	NUMBER OF DAYS FOR WATER MORE THAN 4000 CUSESC IN 9 MONTHS NON RAINY SEASON	NUMBER OF DAYS FOR WATER MORE THAN 5000 CUSESC IN 9 MONTHS NON RAINY SEASON
1.	2013	231 Days	191 Days	157 Days
2.	2014	172 Days	116 Days	98 Days
3.	2015	149 Days	109 Days	84 days
4.	2016	33 Days	13 Days	8 Days
5.	2017	79 Days	49 Days	30 Days
6.	2018	68 Days	34 Days	31 Days
7.	2019	197 Days	171 Days	72 Days
8.	2020	174 Days	145 Days	95 Days

Hence there is need to make available more quantity of water to provide water in lower parts of southern Haryana region. Following data below shows availability of water in Rainy season from 2013-2020-

S.No	YEAR FOR WATER AVAILABILITY	NUMBER OF DAYS FOR WATER MORE THAN 20,000 CUSESC in 3 months rainy season
1.	2013	53 days
2.	2014	32 days
3.	2015	36 days
4.	2016	34 days
5.	2017	43 days
6.	2018	48 days
7.	2019	26 days
8.	2020	22 days

From the above two tables, it is very much clear that sufficient water is available to design this project.

Project of remodeling of the augmentation canal which off takes from Hamida Head has already been given IN-principle- approval from Regional Office of MOEFCC, Chandigarh with discharge 6050 cuses with proposal no FP/HR/Canal/41159/2019 and letter no File No.9-HRC040/2020-CHA. The Govt. has already approved the project for construction of PLC for amounting Rs. 409 Crore in the NABARD Head. The tree are staning on the land, service road of WJC MLL which need to be de-forested for the construction of Parallel Link Channel as the sufficient land of WJC MLL is available upto Hamida Head. So, it is necessary for the department to use this land for this project. Total land proposed for

deforestation for PLC work is 21.67 ha. Our project is located at Western Jamuna Canal Main Line Lower from RD 0 to 68220. Therefore, it is necessary for us to use this land for widening project. Total land purposed for deforestation for Parallel Lined, Channel (PLC) project work is 21.67 Ha and the department is having surplus land bank in possession with ownership of Irrigation department Haryana as equivalent land.



Sub Divisional Officer
Water Services Sub Division
Dadupur

Detail of Yamuna River water at Hathnikund Barrage for the period January 2013 to February 2016

Date	Jan, 2013			Feb, 2013			March, 2013			April, 2013			May, 2013			June, 2013			July, 2013			Aug, 2013			Sep, 2013			Oct, 2013			Nov, 2013			Dec, 2013		
	U/S HKB	WJC	Yamu na River	U/S HKB	WJC	Yamu na River	U/S HKB	WJC	Yamu na River	U/S HKB	WJC	Yamu na River	U/S HKB	WJC	Yamu na River	U/S HKB	WJC	Yamu na River	U/S HKB	WJC	Yamu na River	U/S HKB	WJC	Yamu na River	U/S HKB	WJC	Yamu na River	U/S HKB	WJC	Yamu na River	U/S HKB	WJC	Yamu na River			
1	3249	2644	160	3648	2988	160	7168	6508	160	4270	3254	160	4212	3254	160	5868	4404	160	11379	9053	160	42187	17000	22687	35272	14000	18770	13549	10889	160	8818	7658	160	2877	2216	160
2	2607	2216	160	3648	2988	160	7168	9053	160	6705	4881	160	6666	4881	160	9041	6508	160	10179	8135	160	32442	18000	11942	26408	14000	9906	14467	11807	160	4382	3897	160	3209	2440	160
3	2943	2440	160	3019	2440	160	8318	6508	160	4270	3254	160	5182	3897	160	8222	6031	160	13778	10889	160	33890	18000	13390	22455	15000	4953	14467	11807	160	3626	3393	160	4031	2988	160
4	2943	2440	160	2743	2226	160	7668	6508	160	6705	4881	160	4212	3254	160	6715	4881	160	12579	9971	160	35947	18000	15447	73528	16473	160	13549	10889	160	4238	4036	160	2810	2216	160
5	2502	2146	160	5541	4881	160	7165	6005	160	6005	4404	160	4212	3254	160	5231	3897	160	10179	8135	160	29.31	18000	8031	19302	16000	3302	14467	11807	160	5370	4881	160	4194	3254	160
6	2607	2228	160	31036	15000	15536	9153	4881	160	6725	4881	160	4154	3254	160	6715	4881	160	11379	9053	160	36247	18000	15244	13628	13368	160	12529	9971	160	4609	4404	160	2781	2216	160
7	2502	2146	160	44914	15000	29414	7663	6005	658	4270	3254	160	5124	3897	160	8450	6031	160	26405	14000	9405	57116	18000	36116	15020	14860	160	12529	8000	160	4609	4404	160	3117	2440	160
8	2943	2440	160	21797	15000	6297	6041	6508	160	4270	3254	160	3753	2988	160	8450	6031	160	27691	15000	9691	47275	18000	22275	15660	15500	160	11329	6000	160	5325	4881	160	2190	1822	160
9	2699	2216	160	14028	13368	160	7868	-	160	3869	2988	160	5889	4404	160	7735	5524	160	24531	15000	6531	66173	15000	48173	15660	15500	160	9506	6000	160	4609	4404	160	2445	1992	160
10	2602	2218	160	10681	9971	160	7391	6031	160	4220	3254	160	5889	4404	160	7735	5524	160	17814	14654	160	48770	13001	33769	15668	15508	160	12529	6000	160	4092	3897	160	3117	2440	160
11	2527	2068	160	7168	6508	160	6884	6508	160	6675	4881	160	4104	3254	160	8500	6031	160	13778	10889	160	37776	12500	23276	15668	15508	160	10660	6000	160	4853	4404	160	2781	2216	160
12	2602	2118	160	8318	7658	160	8143	4404	160	4220	3254	160	5839	4404	160	9219	6508	160	18162	15000	160	54623	16000	36623	14171	14011	160	10371	6000	3371	4092	3897	160	2634	2118	3371
13	2699	2216	160	7168	6508	160	7978	4881	160	3819	2988	160	5839	4404	160	7735	5524	160	16314	14654	160	57107	17000	37107	15668	15508	160	7160	6000	160	4092	3897	160	2781	2216	160
14	2699	2216	160	5064	4404	160	8743	4407	160	4220	3254	160	5074	3897	160	11291	7500	1791	22953	15000	4953	58430	17000	39430	15160	15000	160	8580	6000	160	4031	2988	160	2445	1992	160
15	2363	1992	160	5541	4881	160	11160	8000	160	5191	3897	160	4197	3254	160	8668	6508	160	16528	13368	160	57353	17000	37853	15668	15508	160	7160	6000	160	3209	2440	160	2781	2216	160
16	2437	2068	160	7168	6508	160	9462	6508	160	5955	4404	160	5932	4404	160	45684	6508	37176	26307	15500	7807	58016	15008	40504	10795	8135	160	8580	6000	1580	4031	2988	160	2445	1992	1580
17	2323	1992	160	12467	11807	160	7008	4407	160	5191	3897	160	4197	3254	160	8E+05	-	8E+05	21802	15500	3302	50274	13001	34769	13549	10889	160	8580	6000	1580	3209	2440	160	3117	2440	1580
18	2995	2440	160	11549	10889	160	6289	4407	160	5955	4404	160	3703	3254	160	3E+05	-	3E+05	34838	16000	15838	42826	12000	28322	11329	9053	160	7160	6000	160	2873	2216	160	2781	2216	160
19	10660	10000	160	9713	9053	160	6909	4407	160	4262	3254	160	5995	4881	160	92067	-	92067	19360	16200	160	40840	12002	26336	8003	6508	160	7160	6000	160	3209	2440	160	3117	2440	160
20	7168	3508	160	8195	8135	160	6906	4881	160	4262	3254	160	5995	4881	160	31474	6508	24966	64735	16200	45535	38430	12002	23926	9506	7658	160	7160	6000	160	3209	2440	160	2781	2216	160
21	3914	3254	160	7168	6508	160	6137	4404	160	5232	3897	160	5276	4404	160	24524	7008	17516	56776	16200	37596	41535	8004	31029	7380	6031	160	7160	6000	160	3515	2644	160	2445	1992	160
22	5541	4881	160	3168	6508	160	6858	4881	160	5997	4404	160	8448	6508	160	18204	7008	11196	76211	8000	67211	40189	8004	29683	23010	13000	7010	8099	6000	1099	3209	2440	160	3117	2440	1099
23	3648	2988	160	5064	4404	160	8590	6031	160	5232	3897	160	6625	4881	160	15662	10500	5162	43324	16700	24624	37052	8004	26546	13080	9000	1580	7975	6000	975	3515	2644	160	2746	2216	975
24	368	2988	160	8795	8135	160	9310	4404	160	4262	3254	160	7618	5524	160	14662	9500	5162	50190	16700	31490	32369	8506	21361	14660	12000	160	7160	6000	160	2873	2216	160	3082	2440	160
25	3648	2988	160	8795	8135	160	9310	8135	160	5997	4404	160	9041	6508	160	14662	9500	5162	39543	17200	20343	29465	9000	17963	16660	14000	160	7160	6000	160	2873	2216	160	3082	2440	160
26	3648	2988	160	8318	2658	160	9178	6031	160	5997	4404	160	6587	4881	160	17211	10500	6711	43860	17200	24660	28145	11001	14642	15385	12725	160	8163	7003	160	3209	2440	160	3389	2644	160
27	3781	3121	160	8318	7658	160	5889	4404	160	4212	3254	160	5868	4404	160	22694	11500	9194	30933	17600	11333	22613	12000	8111	13549	10889	160	5835	3524	160	2768	2146	160	3389	2644	160
28	3781	3121	160	8795	8135	160	9061	4881	160	5947	4404	160	6587	4881	160	26987	12000	12987	28031	18000	8031	20822	12000	6320	13549	10889	160	7160	6000	160	2537	1992	160	2410	1992	160
29	3079	2990	160			160	4154	4404	160	4212	3254	160	3733	2988	160	18032	12000	4032	20160	18000	160	25773	12000	14271	16028	13368	160	5835	5524	160	2873	2216	160	3082	2440	160
30	3304	2644	160			160	6407	4404	160	5182	3897	160	5868	4404	160	10795	8135	160	17775	15615	160	25611	13000	10109	13549	10889	160	8660	7500	160	3209	2440	160	2775	2216	160
31	3304	2644	160			160	6725	4404	160			160	4133	3254	160			160	23562	17000	5562	33621	14000	17119		160	9660	8500	160			160	3111	2440	160	

Date	Jan, 2014			Feb, 2014			March, 2014			April, 2014			May, 2014			June, 2014			July, 2014			Aug, 2014			Sep, 2014			Oct, 2014			Nov, 2014			Dec, 2014		
	U/S HKB	WJC	Yamu na River	U/S HKB	WJC	Yamu na River	U/S HKB	WJC	Yamu na River	U/S HKB	WJC	Yamu na River	U/S HKB	WJC	Yamu na River	U/S HKB	WJC	Yamu na River	U/S HKB	WJC	Yamu na River	U/S HKB	WJC	Yamu na River	U/S HKB	WJC	Yamu na River	U/S HKB	WJC	Yamu na River	U/S HKB	WJC	Yamu na River			
1	3933	2988	160	2985	2440	160	3914	3254	160	6660	6000	160	6017	4404	160	3860	2988	160	5137	4404	160	30510	20399	7010	11134	9053	160	3624	3254	160	2600	2440	160	2187	1852	160
2	2775	2216	160	3106	2440	160	3914	3254	160	6184	5524	160	4280	3254	160	4262	3254	160	9160	6000	160	27208	20500	3708	9935	8135	160	4564	4404	160	2376	2216	160	2397	1992	160
3	2775	2216	160	3106	2440	160	3100	2440	160	6660	6000	160	5897	4404	160	3760	2988	160	9160	6000	160	23660	20500	160	11134	9053	160	6191	6031	160	3694	2440	160	2733	2216	160
4	2439	1992	160	3106	2440	160	5541	4881	160	6184	5524	160	6674	4881	160	5231	3897	160	7886	6508	160	23660	20500	160	7809	6508	160	3414	3254	160	3694	2440	160	2397	1992	160
5	2439	1992	160	3106	2440	160	5541	4881	160	5541	4881	160	5541	4881	160	4262	3254	160	9351	7658	160	31755	20299	8255	11134	9053	160	4057	3897	160	2694	2440	160	2187	1852	160
6	2775	2216	160	3927	2988	160	3100	2440	160	6660	6000	160	10660	8000	160	6715	4881	160	4436	3897	160	25854	20500	1854	19660	17500	970	3624	3254	970	2152	1992	160	2187	1852	160
7	2775	2216	160	3106	2440	160	3100	2440	160	6660	6000	160	6716	4881	160	5996	4404	160	5098	4404	160	1E+05	-	1E+05	22354	18500	160	3624	3254	160	2376	2216	160	2397	1992	160
8	2439	1992	160	2770	2216	160	3914	3254	160	6660	6000	160	5996	4404	160	4795	4172	160	30510	14336	7010	20660	18500	160	3276	2988	160	3276	2988	160	2152	1992	160	2187	1852	160
9	2775	2216	160	3106	2440	160	3914	3254	160	6184	5524	160	5996	4404	160	6715	4881	160	4172	3695	160	47832	20500	24332	15528	13368	160	3624	3254	160	2694	2440	160	2397	1992	160
10	2439	1992	160	2770	2216	160	3100	2440	160	6184	5524	160	6716	4881	160	4262	3254	160	6298	5322	160	26802	20500	3302	13967	11807	160	3276	2988	160	2152	1992	160	2187	1852	160
11	2184	1822	160	2770	2216	160	3914	3254	160	5541	4881	160	4262	3254	160	5996	4404	160	4172	3695	160	25151	20299	1651	13049	10889	160	3276	2988	160	2376	2216	160	2187	1852	160
12	2184	1822	160	2434	1992	160	6660	6000	160	6660	6000	160	5041	4881	160	4262	3254	160	6571	5531	160	23660	20500	160	7887	6508	160	3624	3254	160	2376	2216	160	2187	1852	160
13	2439	1992	160	2770	2216	160	6660	6000	160	6041	4881	160	4564	4404	160	6715	4881	160	7225	6031	160	20565	18963	160	14885	12725	160	3624	3254	160	2152	1992	160	1312	1152	160
14	2184	1822	160	3106	2440	160	6660	6000	160	6684	5524	160	6160	6000	160	4262	3254	160	7205	6031	160	17171	17973	160	11213	9053	160	5751	4881	160	2397	1992	160	1788	1628	160
15	2439	1992	160	3914	3254	160	6184	5524	160	7184	5524	160	9926	7000	2926	4262	3254	160	9953	8135	160	37317	16290	13817	10013	8135	160	3276	2988	160	2397	1992	160	8667	7007	160
16	1893	1620	160	5341	4881	160	5541	4881	160	6908	4881	160	8580	7000	1580	9160	6000	160	36888	12500	21388	56523	20500	33023	8003	6508	160	3276	2988	160	2733	2216	160	4006	3254	160
17	2439	1992	160	5064	4404	160	5541	4881	160	5261	3897	160	5041	4881	160	6715	4881	160	33671	15000	15671	33609	20500	10109	8003	6508	160	3414	3254	160	2397	1992	160	2914	2440	160
18	2439	1992	160	3914	3254	160	6660	6000	160	6541	4881	160	4564	4404	160	9975	6000	975	28807	19000	6807	21382	20405	160	5760	4881	975	3414	3254	975	2733	2216	160	2971	2440	160
19	2411	1992	160	3914	3254	160	6660	6000	160	5364	4404	160	6541	4881	160	8403	6000	160	44759	15000	26759	18457	17001	160	7263	6031	160	3148	2988	160	2397	1992	160	3277	2644	160
20	2411	1992	160	3100	2440	160	7160	6000	160	5841	4881	160	3034	2440	160	10869	6000	1869	49646	19000	27646	16528	15363	160	5760	4881	1869	3414	3254	1869	2511	2068	160	2635	2216	160
21	2411	1992	160	5064	4404	160	8818	7658	160	5841	4881	160	3034	2440	160	5996	4404	160	30876	19000	8876	17814	14463	160	4474	3897	160	3148	2988	160	2397	1992	160	2299	1992	160
22	2411	1992	160	5064	4404	160	7668	6508	160	6484	5524	160	2696	2216	160	6715	4881	160	28156	20000	5156	15885	13341	160	5760	4881	160	3148	2988	160	2187	1852	160	2635	2216	160
23	2474	1992	160	3914	3254	160	7668	6508	160	5364	4404	160	4262	3254	160	5996	4404	160	20702	17542	160	11134	12660	160	7887	6508	160	2600	2440	160	2187	1852	160	2292	1992	160
24	3948	2988	160	5541	4881	160	7460	6000	160	5364	4404	160	4262	3254	160	4262	3254	160	19100	15940	160	11134	10239	160	5137	4404	160	2600	2440	160	2397	1992	160	2090	1852	160
25	2985	2440	160	5541	4881	160	6660	6000	160	5364	4404	160	6715	4881	160	4262	3254	160	18457	15297	160	9935	9359	160	3634	3254	160	2376	2216	160	2397	1992	160	2152	1852	160
26	2985	2440	160	3100	2440	160	6660	6000	160	6041	4881	160	5996	4404	160	6815	4881	160	19100	15940	160	9312	9107	160	3571	3254	160	2376	2216	160	2187	1852	160	2061	1852	160
27	2985	2440	160	3100	2440	160	6660	6000	160	7160	6000	160	5996	4404	160	3034	2440	160	28562	20000	5562	9935	9252	160	3536	3254	160	2600	2440	160	2187	1852	160	1848	1688	160
28	3807	2988	160	3100	2440	160	6660	6000	160	7160	6000	160	3860	2988	160	3034	2440	160	40334	20000	17334	5683	8380	160	5662	4881	160	2376	2216	160	1584	1424	160	1742	1582	160
29	2985	2440	160			160	6660	6000	160	7160	6000	160	6715	4881	160	4262	3254	160	52106	19000	30106	9312	7832	160	3536	3254	160	2376	2216	160	2733	2216	160	1848	1688	160
30	2313	1992	160			160	6660	6000	160	5864	4404	160	5996	4404	160	4262	3254	160	41025	20500	17525	7809	7611	160	5751	4881	160	2376	2216	160	2397	1992	160	2271	1992	160
31	2985	2440	160			160	6660	6000	160			160	5996	4404	160			160	27208	20500	3708	7809	6996	160			160	2600	2440	160			160	1848	1688	160

Date	Jan, 2015			Feb, 2015			March, 2015			April, 2015			May, 2015			June, 2015			July, 2015			Aug, 2015			Sep, 2015			Oct, 2015			Nov, 2015			Dec, 2015				
	U/S HKB	WJC	Yamu na River	U/S HKB	WJC	Yamu na River	U/S HKB	WJC	Yamu na River	U/S HKB	WJC	Yamu na River	U/S HKB	WJC	Yamu na River	U/S HKB	WJC	Yamu na River	U/S HKB	WJC	Yamu na River	U/S HKB	WJC	Yamu na River	U/S HKB	WJC	Yamu na River	U/S HKB	WJC	Yamu na River	U/S HKB	WJC	Yamu na River					
1	2271	160	1992	1819	1628	160	1788	1628	160	6041	4881	160	4212	3254	160	4353	3254	160	6040	4881	160	20852	17500	352	8231	6508	352	5416	4404	352	2792	2440	352	2148	1628	352		
2	1742	160	1582	2365	1992	160	5364	4404	160	7160	6000	160	8160	6000	160	3953	2988	160	8166	6508	160	21528	17000	1528	8231	6508	352	5416	4404	352	2996	2644	352	2148	1628	352		
3	2271	160	1992	1819	1628	160	73646	-	73646	7160	6000	160	6043	4404	160	3126	2440	160	8166	6508	160	20352	17000	352	9734	7658	352	3913	3254	352	2792	2440	352	2148	1628	352		
4	1848	160	1688	2365	1992	160	14408	6508	7900	8854	6000	1854	4309	3254	160	4353	3254	160	7543	6031	160	20352	17000	352	8281	6508	352	3565	2988	352	2568	2216	352	2694	1992	352		
5	2385	160	2068	1819	1628	160	11248	6508	4740	6740	6000	740	6762	4881	160	3953	2988	160	8166	6031	160	20352	17000	352	10357	8135	352	3818	3254	352	6320	4881	352	2694	1992	352		
6	2271	160	1992	2365	1992	160	8088	6508	1580	4564	4404	160	4505	3254	160	3953	2988	160	9556	7658	160	20352	17000	352	12484	9762	352	3818	3254	352	3880	3234	352	2694	1992	352		
7	2607	160	2216	1788	1628	160	6668	6508	160	3414	3254	160	4505	3254	160	3126	2440	160	11482	9402	1580	19156	15804	352	6105	4881	352	3818	3254	352	2792	2440	352	2694	1992	352		
8	1848	160	1688	2365	1992	160	6668	6508	160	6160	6000	160	6959	4881	160	3126	2440	160	6883	6031	352	19852	16500	352	6105	4881	352	2792	2440	352	2568	2216	352	2694	1992	352		
9	1740	160	1582	1588	1428	160	6668	6508	160	5684	5524	160	8660	6000	160	3766	2988	160	8281	6508	352	38980	17000	19780	7542	6031	352	2792	2440	352	2344	1992	352	2148	1628	352		
10	2277	160	1992	1588	1428	160	7483	6508	975	5041	4881	160	8660	6000	160	2940	2440	160	12484	9762	752	25094	16500	6394	9668	7658	352	3913	3254	352	2792	2440	352	1842	1424	352		
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13	1788	160	1628	2365	1992	160	7168	6508	160	6160	6000	160	7580	6000	1580	4167	3254	1580	25433	9502	14431	34780	16500	16080	6039	4881	352	2568	2216	352	2792	2440	352	2148	1628	352		
14	1742	160	1582	1788	1628	160	6695	6031	160	6160	6000	160	7580	6000	1580	6621	4881	1580	20922	9302	10120	31976	16000	13776	4753	3897	352	2849	2440	352	2792	2440	352	1428	1076	352		
15	2271	160	1992	2124	1852	160	6184	5524	160	3414	3254	160	7660	6000	160	4167	3254	160	15302	9502	3800	50424	15100	33124	3913	3254	352	3116	2644	352	2344	1992	352	2148	1628	352		
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19	2385	160	2068	2090	1852	160	6665	6005	160	7791	6000	1791	7960	6000	160	3766	2988	160	33364	12003	18861	21853	14700	4953	3913	3254	352	3116	2644	352	2792	2440	352	1428	1676	352		
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23	2061	160	1852	1788	1628	160	7668	6508	160	7169	7009	160	8468	6508	160	4293	3254	160	22320	16000	3820	22753	15300	4953	6039	4881	352	3565	2988	352	1980	1628	352	1842	1424	352		
24	2329	160	1952	2635	2216	160	8311	7151	160	6160	6000	160	6959	4881	160	4328	3254	160	22945	16502	3943	16286	13434	352	10291	8135	352	3606	3254	352	1664	1312	352	1842	1424	352		
25	2433	160	2068	2299	1992	160	6049	4881	160	779	6000	1760	6817	4881	160	11602	6004	2898	20635	17000	1135	15368	12516	352	3913	3254	352	3606	3254	352	1980	1628	352	1842	1424	352		
26	2319	160	1992	4013	3121	160	8311	7151	160	6160	6000	160	7787	5524	160	13866	6004	5162	20635	17000	1135	13683	10630	352	3913	3254	352	3606	3254	352	1829	1312	352	2142	1628	352		
27	1788	160	1628	7184	5524	160	9160	8000	160	6160	6000	160	4364	3254	160	8864	6004	160	31830	17000	12330	13683	10688	352	3565	2988	352	3606	3254	352	1842	1424	352	1504	1152	352		
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29	2319	160	1992				4212	3251	160	9080	6000	1580	4364	3254	160	6239	4404	160	19852	17000	352	12484	9762	352	7542	6031	352	3340	2988	352	2148	1628	352	1842	1424	352		
30	1819	160	1628				8168	7008	160	7660	6000	160	4364	3254	160	4504	3253	160	17884	15032	352	6105	4881	352	5416	4404	352	2792	2440	352	2148	1628	352	1504	1152	352		
31	2365	160	1992				7160	6000	160				6088	4404	160							18134	14782	352	14750	11598	352				3606	3254	352			2694	1992	352

Date	Jan, 2016			Feb, 2016			March, 2016			April, 2016			May, 2016			June, 2016			July, 2016			Aug, 2016			Sep, 2016			Oct, 2016			Nov, 2016			Dec, 2016		
	U/S HKB	WJC	Yamu na River	U/S HKB	WJC	Yamu na River	U/S HKB	WJC	Yamu na River	U/S HKB	WJC	Yamu na River	U/S HKB	WJC	Yamu na River	U/S HKB	WJC	Yamu na River	U/S HKB	WJC	Yamu na River	U/S HKB	WJC	Yamu na River	U/S HKB	WJC	Yamu na River	U/S HKB	WJC	Yamu na River	U/S HKB	WJC	Yamu na River			
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2	2114	1628	352	1166	814	352	1166	814	352	1064	712	352	1200	848	352	1648	1296	352	3800	3254	352	45636	18502	24332	17056	14202	352	3855	3254	352	1648	1296	352	1402	1050	352
3	2114	1628	352	1348	996	352	1166	814	352	1348	996	352	3348	2440	352	1504	1152	352	18388	8002	6884	42336	18502	21032	17056	14202	352	5981	3254	352	1980	1628	352	1502	1150	352
4	1808	1424	352	1166	1150	352	1166	814	352	1166	814	352	1348	996	352	3202	2440	352	13084	8002	1580	32837	18502	11533	15954	13100	352	4695	3897	352	1402	1050	352	1502	1150	352
5	1348	996	352	1166	996	352	1166	814	352	1768	1992	352	1348	996	352	2526	1992	352	8052	6508	352	22858	18002	1854	15954	13100	352	3855	3254	352	1638	1286	352	1502	1150	352
6	1504	1152	352	1166	814	352	1348	996	352	1166	814	352	1502	1150	352	3202	2440	352	5926	4881	352	26566	18002	5562	16500	13646	352	4695	3897	352	1402	1050	352	1638	1286	352
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8	1808	1424	352	1166	814	352	1348	996	352	1166	814	352	1411	1059	352	1980	1628	352	5303	4404	352	42501	18002	21497	14354	11500	352	3507	2988	352	1502	1150	352	1638	1286	352
9	1648	1296	352	1166	814	352	1411	1039	352	1348	996	352	1278	926	352	2526	1992	352	3929	3254	352	48638	18002	27634	11699	9200	352	3507	2988	352	1402	1050	352	1638	1286	352
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19	1648	1296	352	1064	712	352	1166	814	352	3348	2440	352	2612	1992	352	3325	2440	352	34334	15502	14830	28943	16902	9539	8181	6508	352	2792	2440	352	1502	1150	352	1402	1050	352
20	1348	996	352	1166	814	352	2768	1992	352	2671	1992	352	3116	2300	352	3632	2644	352	18189	14166	352	34280	16902	14876	6055	4881	352	2792	2440	352	1348	996	352	1502	1150	352
21	2148	1628	352	1064	712	352	1166	814	352	1348	996	352	2652	1992	352	5522	3897	352	16686	13016	352	24869	17002	5365	6055	4881	352	2792	2440	352	1502	1150	352	1502	1150	352
22	1126	824	352	2660	1992	352	1166	814	352	1166	814	352	2990	2226	352	3632	2644	352	16063	12539	352	19124	16270	3512	16368	13016	352	2344	1992	352	1348	996	352	1348	996	352
23	1348	996	352	1348	996	352	1166	814	352	1348	996	352	3328	2440	352	4552	3254	352	16063	12539	352	17997	14643	352	8181	6508	352	2792	2440	352	1348	996	352	1348	996	352
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25	988	636	352	1411	1059	352	1064	712	352	1348	996	352	3207	2440	352	3325	2440	352	13937	10912	352	17997	14643	352	3929	3254	352	2652	2300	352	1940	1512	352	1502	1150	352
26	1176	824	352	1166	814	352	1160	814	352	1348	996	352	2445	1992	352	3328	2440	352	10308	8135	352	19556	16202	352	8181	6058	352	2792	2440	352	1638	1286	352	4552	3254	352
27	1082	703	352	1166	814	352	1348	996	352	1166	814	352	1980	1628	352	10507	7200	352	16686	13016	352	21056	17200	352	6055	4881	352	2344	1992	352	1154	802	352	2618	1992	352
28	988	636	352	1348	996	352	1166	814	352	1348	996	352	1980	1628	352	4555	3254	352	30227	17502	8723	39944	17702	19240	5981	4881	352	2344	1992	352	1402	1050	352	2602	1992	352
29	1082	704	352	1166	814	352	1348	996	352	1411	1059	352	1980	1628	352	10755	6004	1751	28920	17502	7416	21056	17702	352	5981	4881	352	2652	2300	352	1502	1150	352	2602	1992	352
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31	1082	703	352				1064	712	352				1648	1216	352				39212	18002	17208	19356	16002	352				2344	1992	352				1502	1150	352

Date	Jan, 2017			Feb, 2017			March, 2017			April, 2017			May, 2017			June, 2017			July, 2017			Aug, 2017			Sep, 2017			Oct, 2017			Nov, 2017			Dec, 2017		
	U/S HKB	WJC	Yamu na River	U/S HKB	WJC	Yamu na River	U/S HKB	WJC	Yamu na River	U/S HKB	WJC	Yamu na River	U/S HKB	WJC	Yamu na River	U/S HKB	WJC	Yamu na River	U/S HKB	WJC	Yamu na River	U/S HKB	WJC	Yamu na River	U/S HKB	WJC	Yamu na River	U/S HKB	WJC	Yamu na River	U/S HKB	WJC	Yamu na River			
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2	1502	1150	352	1502	1150	352	1398	1046	352	3325	2440	352	2027	1628	352	3155	2440	352	13162	7000	3160	42901	18002	21397	147212	0	147212	12384	9762	352	2723	1992	352	1428	1076	352
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4	1638	1286	352	1502	1150	352	1398	1046	352	3325	2440	352	2027	1628	352	2480	1992	352	12583	10008	352	42901	17502	21897	31713	17002	12708	8131	6508	352	2623	1992	352	1428	1076	352
5	1638	1286	352	1502	1150	352	1176	824	352	3325	2440	352	2027	1628	352	14388	11389	352	34975	18001	13472	26425	17002	7428	7380	6508	352	2027	1628	352	1348	996	352			
6	1502	1150	352	1502	1150	352	1502	1150	352	3632	2644	352	2575	1992	352	3982	2988	352	10136	8135	352	32046	18502	10042	21863	17002	2858	8883	7658	352	3245	2440	352	1428	1076	352
7	1638	1286	352	1502	1150	352	1502	1150	352	9358	6004	352	2575	1992	352	6117	4404	352	8009	6508	352	33222	18502	11218	20877	17002	1872	8883	7658	352	2573	1992	352	1648	1296	352
8	2660	1992	352	1963	1528	352	1348	996	352	7007	4881	352	2575	1992	352	6117	4404	352	10136	8135	352	34278	18002	13471	18625	16270	352	5254	7658	352	2627	1628	352	1648	1296	352
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11	1502	1150	352	1502	1150	352	2599	1992	352	3325	2440	352	3275	2440	352	3155	2440	352	20202	15002	2198	27714	18002	6908	17998	14643	352	6757	6031	352	2027	1628	352	1648	1296	352
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13	2660	1992	352	1398	1046	352	1348	996	352	3325	2440	352	2937	2216	352	3240	2440	352	51992	18502	30488	28894	18002	8088	14510	11389	352	5254	4881	352	2573	1992	352	2690	1992	352
14	2660	1992	352	1398	1046	352	1348	996	352	2987	2216	352	2051	1628	352	2021	1628	352	30584	18502	9080	22818	18002	2072	13887	10912	352	5404	4881	352	2027	1628	352	2690	1992	352
15	1502	1150	352	1502	1150	352	1348	996	352	4553	3254	352	2614	1992	352	3155	2440	352	17997	14643	352	21158	18002	352	12384	9762	352	5326	4881	352	2490	1992	352	2144	1628	352
16	2660	1992	352	1398	1046	352	1502	1150	352	4553	3254	352	2065	1628	352	2064	1628	352	19624	16270	352	18949	15793	352	10257	8135	352	3606	3254	352	2490	1992	352	2144	1620	352
17	2660	1992	352	1176	824	352	1348	996	352	4553	3254	352	2065	1628	352	2614	1992	352	26909	20502	3405	17799	14643	352	10257	8735	352	3340	2988	352	1980	1628	352	1648	1296	352
18	2660	1992	352	1176	824	352	1348	996	352	6287	4404	352	2065	1628	352	4517	3254	352	19624	16270	352	14510	11389	352	10257	8135	352	2792	2440	352	1980	1628	352	1348	996	352
19	3332	2440	352	1398	1046	352	1502	1150	352	4553	3254	352	1648	1296	352	2614	1992	352	24409	18002	3405	14510	11389	352	10257	8135	352	2792	2440	352	1814	1462	352	1428	1076	352
20	1502	1150	352	1502	1150	352	1348	996	352	8385	6031	352	3289	2440	352	4517	3254	352	20856	17502	352	21822	18002	1016	11760	9285	352	2888	2440	352	1814	1462	352	1504	1152	352
21	2660	1992	352	1176	824	352	1398	1046	352	6287	4404	352	3289	2440	352	4517	3254	352	17997	14643	352	17799	14643	352	8131	6508	352	2877	2440	352	1980	1628	352	1348	996	352
22	1502	1150	352	1398	1046	352	3275	2440	352	6287	4404	352	2614	1992	352	3597	2644	352	25306	18002	4302	21158	18002	352	8005	6508	352	2838	2440	352	1980	1628	352	1428	1076	352
23	1502	1150	352	1176	824	352	3583	2644	352	7585	6031	352	1980	1628	352	4517	3254	352	27854	17502	7350	19426	16270	352	10131	8135	352	2344	1992	352	2490	1992	352	1648	1296	352
24	1964	1528	352	1502	1150	352	4102	2988	352	4529	3254	352	2497	1992	352	4103	2988	352	22774	17502	2270	16998	14643	352	15759	11103	15759	2568	2216	352	1980	1628	352	1348	996	352
25	1502	1150	352	1176	824	352	3275	2440	352	4529	3254	352	1980	1628	352	2052	1628	352	26044	18502	4540	24247	18002	4242	31339	12004	16333	2568	2216	352	2490	1992	352	1428	1076	352
26	1502	1150	352	1398	1046	352	2649	1992	352	4479	3254	352	1648	1296	352	6238	4404	352	32259	18502	10733	20357	16913	352	19200	12004	4194	2344	1992	352	1814	1462	352	1348	996	352
27	1348	996	352	1176	824	352	2649	1992	352	3251	2440	352	1502	1150	352	9412	6508	352	28108	18500	6604	19268	16270	352	18199	11003	4194	2568	2216	352	1428	1076	352	888	536	352
28	1348	996	352	1398	1046	352	3325	2440	352	2027	1628	352	1880	1528	352	11010	7658	352	23796	18502	2292	18625	16270	352	15485	11003	1480	2838	2440	352	1428	1076	352	1348	996	352
29	1502	1150	352				4152	2988	352	2575	1992	352	1980	1528	352	17353	14001	352	24296	18502	2292	18625	16270	352	16296	12504	740	2344	1992	352	1348	996	352	1428	1076	352
30	1502	1150	352				3632	2644	352	4479	3254	352	3172	2440	352	29017	8002	18013	25409	18502	3405	18625	16272	352	14510	11389	352	2838	2440	352	2093	1628	352	1648	1296	352
31	1502	1150	352				3325	2440	352				1980	1628	352				43379	18502	25375	19268	16917	352				2344	1992	352				1428	1076	352

Date	Jan, 2018			Feb, 2018			March, 2018			April, 2018			May, 2018			June, 2018			July, 2018			Aug, 2018			Sep, 2018			Oct, 2018			Nov, 2018			Dec, 2018		
	U/S HKB	WJC	Yamu na River	U/S HKB	WJC	Yamu na River	U/S HKB	WJC	Yamu na River	U/S HKB	WJC	Yamu na River	U/S HKB	WJC	Yamu na River	U/S HKB	WJC	Yamu na River	U/S HKB	WJC	Yamu na River	U/S HKB	WJC	Yamu na River	U/S HKB	WJC	Yamu na River	U/S HKB	WJC	Yamu na River	U/S HKB	WJC	Yamu na River			
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2	2094	1628	352	1428	1076	352	1428	1076	352	1426	1074	352	1426	1074	352	6099	4881	352	27360	17504	8856	20834	18502	352	16246	6005	9439	3340	2988	352	2455	1696	352			
3	1788	1424	352	1348	996	352	2690	1992	352	1504	1152	352	3240	2440	352	3257	2440	352	5476	4404	352	41821	18502	21819	30488	15503	12980	15264	6005	8457	2792	2440	352	2061	1571	352
4	1428	1076	352	1262	910	352	1428	1076	352	1348	996	352	1426	1074	352	3280	2440	352	12179	6002	3173	23852	18502	3820	23127	10502	10625	16340	6005	9533	3606	3254	352	3103	2300	352
5	1428	1076	352	1262	910	352	1348	996	352	1504	1152	352	1348	996	352	4107	2988	352	9358	6002	352	18145	15793	352	25003	10503	12500	14302	6005	7495	3606	3254	352	2700	1992	352
6	1348	996	352	1348	996	352	1428	1076	352	1426	1074	352	1426	1074	352	3280	2440	352	6205	4881	352	36418	18502	15616	24623	10503	12120	14332	7008	6522	3340	2988	352	2889	2118	352
7	1348	996	352	1262	910	352	1648	1296	352	1348	996	352	1348	996	352	2655	1992	352	1648	1296	352	34943	18502	34141	18988	15508	1480	16337	7008	8527	3606	3254	352	3372	2440	352
8	1428	1076	352	1246	894	352	1648	1296	352	1504	1152	352	1426	1074	352	1348	996	352	2916	2440	352	44778	18502	23976	18886	10507	6379	10770	7008	2960	3473	3121	352	2697	1992	352
9	1348	996	352	1348	996	352	1348	996	352	1504	1152	352	1504	1152	352	1504	1152	352	3979	3254	352	33414	18502	12612	17066	10507	1330	12990	7008	5180	3340	2988	352	3033	2216	352
10	1428	1076	352	1262	910	352	1348	996	352	1348	996	352	1426	1074	352	3280	2440	352	2916	2440	352	28130	18502	7328	18705	12502	5194	12268	7008	3700	3606	3254	352	2697	1992	352
11	1262	910	352	1246	894	352	1648	1296	352	1426	1074	352	1348	996	352	3280	2440	352	16797	12002	1791	35643	18502	14841	18370	14505	2856	19942	6005	4440	3340	2988	352	2065	1571	352
12	1348	996	352	1348	996	352	1348	996	352	1504	1152	352	1246	894	352	2943	2216	352	6055	4881	352	25392	18502	4590	18636	14505	2522	10002	5500	3700	3606	3254	352	2065	1571	352
13	1262	910	352	1246	894	352	2690	1992	352	1348	996	352	1348	996	352	3602	1992	352	14560	11389	352	67913	18502	47111	17116	15008	1099	9262	5500	2960	4142	2988	352	2697	1992	352
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15	1262	910	352	1348	996	352	2144	1628	352	1348	996	352	1348	996	352	10308	8135	352	29515	18502	13572	15527	14166	352	8522	5500	2220	3606	3254	352	2065	1571	352			
16	1262	910	352	1246	894	352	2144	1260	352	1504	1152	352	1348	996	352	1504	1152	352	8181	6508	352	26455	18502	6453	14391	12539	352	6035	4881	352	3473	3121	352	2697	1992	352
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18	1576	1224	352	1262	910	352	1348	996	352	1348	996	352	1246	894	352	2605	1992	352	14560	11389	352	38107	18502	18105	13241	11389	352	9382	5500	1480	3606	3254	352	2700	1992	352
19	1562	1210	352	1246	894	352	1428	1076	352	1348	996	352	1504	1152	352	1504	1152	352	23360	18502	1854	22294	18502	2292	11886	10034	352	9262	5500	2960	3340	2988	352	2068	1571	352
20	1576	1224	352	1498	1146	352	1507	1152	352	1179	824	352	1246	894	352	1348	996	352	13937	10912	352	20354	18502	352	9981	8135	352	7547	6005	740	2340	1992	352	2700	1992	352
21	2786	2216	352	1246	894	352	1348	996	352	1348	996	352	1348	996	352	2576	1992	352	12437	9762	352	23658	18502	3652	11481	9629	352	7547	6005	740	2996	2644	352	2700	1992	352
22	2450	1992	352	1348	996	352	1428	1076	352	1426	1074	352	1246	894	352	2626	1992	352	16372	13016	352	21137	18502	1135	11614	9762	352	7159	6005	352	3340	2988	352	3036	2216	352
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24	1576	1224	352	1262	910	352	1348	996	352	1504	1152	352	1426	1074	352	1348	996	352	21911	15502	3405	28780	18502	8778	49755	10509	37746	7547	6005	740	2849	1992	352	3372	2440	352
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26	1576	1224	352	1246	894	352	1348	996	352	1348	996	352	1348	996	352	2964	2216	352	67157	18502	45651	20854	18502	352	37566	8508	28253	3587	2988	352	1406	996	352	2344	1992	352
27	1348	996	352	1262	910	352	888	536	352	1504	1152	352	1246	894	352	2077	1628	352	119962	-	119962	18622	16270	352	29886	7503	21581	5233	4404	352	2899	1992	352	2650	1992	352
28	1428	1076	352	1428	1076	352	1348	996	352	1426	1074	352	1348	996	352	2646	1912	352	165528	-	165528	18622	16270	352	22204	7503	13899	5606	3254	352	2899	1992	352	2986	2216	352
29	1348	996	352				1428	1076	352	1348	996	352	1426	1074	352	14377	6002	5373	253739	-	253739	33474	18502	121472	20247	7503	11942	5233	4881	352	2353	1628	352	2986	2216	352
30	1476	1124	352				1648	1296	352	1426	1074	352	1648	1296	352	11132	6002	2126	54332	13502	38826	18622	76270	352	18586	7503	10281	5233	4881	352	2899	1992	352	2650	1992	352
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Date	Jan, 2019			Feb, 2019			March, 2019			April, 2019			May, 2019			June, 2019			July, 2019			Aug, 2019			Sep, 2019			Oct, 2019			Nov, 2019			Dec, 2019		
	U/S HKB	WJC	Yamu na River	U/S HKB	WJC	Yamu na River	U/S HKB	WJC	Yamu na River	U/S HKB	WJC	Yamu na River	U/S HKB	WJC	Yamu na River	U/S HKB	WJC	Yamu na River	U/S HKB	WJC	Yamu na River	U/S HKB	WJC	Yamu na River	U/S HKB	WJC	Yamu na River	U/S HKB	WJC	Yamu na River	U/S HKB	WJC	Yamu na River			
1	2986	2216	352	2328	1952	352	4375	3121	352	4174	2988	352	8478	5502	352	4375	3121	352	5815	4748	352	15918	14166	352	20746	18690	352	31380	19504	10072	5256	4404	352	2266	1730	352
2	2018	1571	352	2328	1992	352	4375	3121	352	4375	3121	352	5251	3899	352	6310	4404	352	4702	3897	352	22055	19004	1652	22736	19502	1530	24612	19501	3708	4106	3254	352	2659	1992	352
3	2004	1528	352	2960	2216	352	4375	3121	352	4575	3254	352	5750	4404	352	7029	4881	352	5989	4881	352	18022	16270	352	16798	14643	352	21256	19504	352	4456	3254	352	2028	1571	352
4	1964	1528	352	2960	1571	352	4175	2988	352	4375	3121	352	5750	4404	352	6310	4404	352	5365	4404	352	17545	15793	352	16798	14643	352	12664	10912	352	3637	2644	352	2996	2216	352
5	2028	1571	352	2328	1992	352	4375	3121	352	4375	3121	352	7603	5502	352	5750	4404	352	7391	6031	352	17545	15793	352	17948	15793	352	12491	12539	352	4154	2988	352	2659	1992	352
6	2660	1992	352	2328	1992	352	4375	3121	352	4575	3254	352	4575	3254	352	4575	3254	352	10839	9285	352	33662	16502	15760	16798	14643	352	14291	12539	352	4323	3121	352	2216	1696	352
7	2660	1992	352	2264	1992	352	4174	2988	352	4174	2988	352	4300	3071	352	6310	4404	352	8015	6508	352	29560	19504	8656	14187	12032	352	12741	11389	352	4154	2988	352	2659	1992	352
8	2660	1992	352	10965	2988	352	4174	2988	352	4375	3121	352	4375	3121	352	5495	3897	352	9689	8135	352	18371	16512	352	16798	14643	352	10364	9762	352	3606	3254	352	2028	1571	352
9	2996	2216	352	3296	6005	1161	4375	3121	352	4174	2988	352	4375	3121	352	4929	3522	352	9689	8135	352	22539	19504	1528	11917	9762	352	10364	9762	352	4499	3897	352	2216	1696	352
10	2660	1992	352	2960	4404	1684	4375	3121	352	4174	2988	352	5545	3897	352	4525	3254	352	11139	9285	352	32583	18004	13072	11440	9285	352	8737	8135	352	3856	3254	352	2216	1696	352
11	2660	1992	352	2960	2644	485	4375	3121	352	4575	3254	352	6256	4404	352	4525	3254	352	9512	7658	352	22460	18004	3056	11917	9762	352	7110	6508	352	3590	2988	352	2028	1571	352
12	2660	1992	352	2960	2644	352	4375	3121	352	4575	3254	352	6256	4404	352	6260	4404	352	9512	7658	352	17545	15793	352	10291	8135	352	8737	8135	352	3590	2988	352	2028	1571	352
13	2215	1696	352	2960	1992	352	4375	3121	352	4375	3121	352	4375	3121	352	4525	3254	352	11616	9762	352	20442	18690	352	10261	8112	352	8260	7658	352	3590	2988	352	2659	1992	352
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15	2660	1992	352	3296	2988	352	4174	2988	352	4375	3121	352	4575	3254	352	4124	2988	352	7289	8135	352	33968	20004	12462	11441	9285	352	8737	8135	352	3856	3254	352	4043	2988	352
16	2660	1992	352	4852	3121	352	4575	3254	352	4375	3121	352	4375	3121	352	4124	2988	352	8812	7658	352	31298	20004	11294	11441	9285	352	6860	6508	352	3856	3254	352	3637	2644	352
17	1807	1424	352	4852	3121	352	4174	2988	352	4174	2988	352	4174	2988	352	5495	3897	352	10439	9285	352	35162	20004	15158	10241	8135	352	6860	6508	352	4495	3897	352	4043	2988	352
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20	2028	1571	352	7035	3121	352	3655	2644	352	4575	3254	352	4174	2988	352	3605	2644	352	9216	7658	352	62271	8502	53369	8165	6508	352	6860	6508	352	2902	2300	352	3121	2300	352
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22	2643	1992	352	12836	3121	352	3655	2644	352	4896	3522	352	4575	3254	352	5495	3897	352	9693	8135	352	35989	19002	16987	7541	6031	352	6383	6031	352	3122	2300	352	2996	2216	352
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26	2642	1992	352	4852	3121	352	4174	2988	352	9664	5502	352	5545	3897	352	6979	4881	352	17058	15286	352	25330	19502	4321	7541	6031	352	6860	6508	352	2659	1992	352	2216	1696	352
27	2642	1992	352	4852	3121	352	3655	2644	352	11244	5502	352	4174	2988	352	5495	3897	352	12157	10405	352	29322	19502	8313	14695	12539	352	6126	4881	352	2659	1992	352	2028	1571	352
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29	2642	1992	352				4174	2988	352	3655	2644	352	4575	3254	352	4124	2988	352	13141	11389	352	18129	16270	352	11441	9285	352	6126	5524	352	3840	2988	352	2659	1992	352
30	3116	2300	352				6102	4248	352	5758	4404	352	5545	3897	352	6979	4881	352	15918	14166	352	17849	15793	352	25128	19504	382	5006	4404	352	3501	2644	352	2216	1696	352
31	3116	2300	352				6636	5282	352				4575	3254	352				14291	12539	352	18326	16261	352				5006	4404	352				2659	1992	352

**PARALLEL LINE CHANNEL FROM RD1000 TO 60420 AND
REMODELING OF WJC (MLL) FROM RD 0 TO 68220**

