829	1052679,605	1077680,42	1516,061	pn
830	1052676,972	1077676,877	1515,891	pn
831	1052673,018	1077662,979	1514,945	pn
832	1052677,011	1077669,397	1516,175	pn
833	1052659,509	1077666,668	1519,911	pn
834	1052654,818	1077660,694	1519,629	pn
835	1052654,389	1077673,866	1522,25	pn
836	1052648,648	1077678,39	1523,508	pn
837	1052643,042	1077682,761	1524,564	pn
838	1052640,6	1077686,713	1525,586	pn
839	1052628,732	1077690,257	1527,046	pn
840	1052621,711	1077694,499	1528,553	pn
841	1052617,313	1077699,725	1528,479	pn
842	1052608,406	1077705,467	1531,226	pn
843	1052598,716	1077715,092	1533,589	pn
844	1052588,69	1077730,928	1537,92	pn
845	1052579,54	1077734,42	1538,09	pn
846	1052569,28	1077731,485	1538,746	pn
847	1052560,761	1077725,911	1540,352	pn
848	1052555,269	1077725,086	1543,63	pn
849	1052594,222	1077724,603	1536,96	BASE
850	1051529,155	1077638,472	1681,658	
851	1051529,595	1077637,188	1681,735	
852	1051529,664	1077636,549	1681,969	
853	1051541,801	1077640,074	1679,855	
854	1051541,584	1077640,574	1680,058	
855	1051541,326	1077642,206	1680,076	
856	1051541,281	1077643,682	1679,992	
857	1051541,054	1077644,415	1679,908	
858	1051541,128	1077646,459	1679,938	
859	1051540,942	1077645,7	1681,923	
860	1051551,584	1077642,348	1678,574	
861	1051551,254	1077643,03	1678,573	
862	1051551,061	1077644,754	1678,603	
863	1051550,79	1077646,097	1678,608	
864	1051550,688	1077646,695	1678,521	
865	1051550,166	1077647,871	1681,682	
866	1051565,073	1077644,205	1675,875	
867	1051565,038	1077644,153	1675,76	
868	1051565,129	1077644,816	1675,823	
869	1051565,113	1077646,458	1675,782	
870	1051565,443	1077647,945	1675,775	
871	1051565,779	1077648,459	1675,843	
872	1051566,372	1077649,136	1677,049	
873	1051575,437	1077649,203	1674,417	
874	1051575,315	1077648,377	1674,106	
875	1051575,228	1077647,826	1674,283	
876	1051575,198	1077646,38	1674,256	
877	1051574,938	1077645,044	1674,284	
878	1051574,964	1077644,14	1674,142	
879	1051581,175	1077647,725	1673,658	
880	1051580,929	1077647,882	1673,156	
881	1051581,199	1077648,079	1673,184	
882	1051581,463	1077647,849	1673,07	
883	1051580,755	1077647,432	1674,101	
884	1051581,784	1077647,222	1674,031	
885	1051581,834	1077647,711	1673,706	
886	1051581,985	1077648,136	1673,727	
887	1051582,025	1077648,176	1674,351	
888	1051581,046	1077649,724	1673,968	

889	1051596,008	1077647,999	1675,715	
890	1051595,795	1077646,27	1675,555	
891	1051596,013	1077645,527	1674,229	
892	1051595,955	1077644,928	1674,214	
893	1051595,885	1077643,567	1674,328	
894	1051595,991	1077642,393	1674,368	
895	1051596,021	1077641,485	1674,338	
896	1051597,408	1077639,411	1673,619	
897	1051600,804	1077636,549	1673,659	
898	1051602,856	1077638,006	1674,099	
899	1051606,002	1077640,118	1675,059	
900	1051605,855	1077640,887	1674,918	
901	1051605,881	1077642,445	1674,853	
902	1051606,201	1077643,842	1674,842	
903	1051606,185	1077644,233	1674,796	
904	1051606,116	1077644,674	1676,376	
905	1051606,159	1077645,183	1676,434	
906	1051606,89	1077647,1	1676,477	
909	1051610,872	1077636,627	1674,142	
910	1051611,096	1077636,456	1673,553	
911	1051611,092	1077636,454	1673,543	
912	1051626,787	1077639,69	1673,465	
913	1051626,493	1077640,695	1674,054	
914	1051626,562	1077641,94	1674,204	
915	1051626,169	1077644,281	1674,263	
916	1051625,969	1077645,079	1674,052	
917	1051625,876	1077645,424	1674,811	
918	1051625,214	1077647,868	1675,646	
919	1051638,113	1077649,828	1674,197	
920	1051638,703	1077646,555	1673,65	
921	1051638,691	1077645,907	1672,673	
922	1051638,696	1077645,338	1672,869	
923	1051638,763	1077643,834	1672,905	
924	1051638,752	1077642,547	1672,919	
925	1051638,696	1077642,428	1672,924	
926	1051638,854	1077641,657	1672,804	
927	1051638,735	1077641,027	1672,473	
928	1051653,798	1077641,882	1671,797	
929	1051654,446	1077642,855	1671,946	
930	1051654,313	1077643,702	1672,019	
931	1051654,254	1077645,579	1671,848	
932	1051653,508	1077646,986	1671,772	
933	1051653,301	1077647,401	1671,695	
934	1051653,115	1077647,859	1672,895	
935	1051652,607	1077650,685	1672,863	
936	1051664,753	1077652,912	1671,204	
937	1051665,765	1077650,407	1670,962	
938	1051665,905	1077649,888	1670	
939	1051665,861	1077649,701	1670,012	
940	1051430,896	1077660,061	1692,708	cer
941	1051431,127	1077658,99	1691,888	pn
942	1051431,41	1077658,382	1691,961	via
943	1051431,739	1077656,61	1691,888	via
944	1051432,389	1077655,033	1691,744	via
945	1051432,786	1077654,468	1691,855	cer
946	1051445,491	1077655,748	1689,739	cer
947	1051445,409	1077656,433	1689,64	via
948	1051445,466	1077658,141	1689,536	via
949	1051445,112	1077660,233	1689,59	via
950	1051445,107	1077660,638	1689,443	pn

951	1051445,588	1077661,398	1690,754	pn
952	1051447,148	1077662,993	1691,744	cer
953	1051447,32	1077664,925	1692,794	pn
954	1051458,562	1077665,105	1690,547	pn
955	1051458,343	1077662,251	1689,74	cer
956	1051457,771	1077661,166	1688,928	pn
957	1051457,787	1077661,086	1689,055	pn
958	1051457,719	1077660,309	1687,549	pn
959	1051457,508	1077659,935	1687,606	via
960	1051457,252	1077658,052	1687,408	via
961	1051456,836	1077656,389	1687,489	via
962	1051457,518	1077656,054	1687,056	cer
963	1051462,727	1077652,022	1685,355	cer
964	1051463,529	1077652,794	1685,838	pn
965	1051464,05	1077653,475	1685,647	via
966	1051465,243	1077655,1	1685,739	via
967	1051466,158	1077656,249	1685,779	via
968	1051466,293	1077656,518	1685,678	pn
969	1051467,901	1077657,657	1687,966	cer
970	1051468,472	1077659,22	1689,084	pn
971	1051472,768	1077657,803	1684,941	pn
972	1051472,541	1077656,118	1686,594	cer
973	1051470,983	1077652,052	1684,127	pn
974	1051470,684	1077652,174	1684,554	via
975	1051469,666	1077650,604	1684,391	via
976	1051468,278	1077648,532	1684,417	via
977	1051467,678	1077647,34	1683,904	cer
978	1051466,553	1077648,369	1684,473	via
979	1051465,657	1077649,652	1684,442	via
980	1051463,951	1077651,463	1684,747	via
981	1051462,591	1077651,9	1685,329	cer
982	1051462,171	1077645,785	1683,815	cer
983	1051460,876	1077647,641	1683,798	via
984	1051459,699	1077649,436	1683,943	via
985	1051459,407	1077649,573	1684,728	cer
986	1051471,625	1077651,705	1683,752	pn
987	1051471,667	1077651,652	1684,355	pn
988	1051471,933	1077652,181	1683,73	pn
989	1051471,887	1077652,096	1684,395	pn
990	1051472,139	1077651,685	1683,609	pn
991	1051472,272	1077651,636	1684,317	pn
992	1051472,163	1077651,58	1683,472	pn
993	1051472,227	1077651,394	1684,118	pn
994	1051472,055	1077651,614	1683,844	tub24
995	1051471,905	1077651,471	1684,173	tub24
996	1051469,91	1077646,98	1683,201	pn
997	1051470,041	1077647,06	1683,89	pn
998	1051469,744	1077647,235	1683,193	pn
999	1051469,851	1077647,249	1683,874	pn
1000	1051469,804	1077647,109	1683,734	tub
1001	1051477,852	1077639,21	1682,058	cer
1002	1051477,943	1077639,468	1682,217	pn
1003	1051478,379	1077640,154	1682,123	via
1004	1051479,446	1077641,918	1682,251	via
1005	1051480,291	1077643,269	1682,142	via
1006	1051480,417	1077643,455	1682,127	pn
1007	1051481,08	1077644,141	1683,22	cer
1008	1051481,795	1077645,967	1684,15	pn
1009	1051487,804	1077644,514	1682,081	pn
1010	1051487,639	1077644,028	1683,19	pn

1011	1051487,39	1077641,377	1682,956	cer
1012	1051487,297	1077640,336	1681,342	pn
1013	1051487,2	1077639,993	1681,386	via
1014	1051486,922	1077638,381	1681,434	via
1015	1051486,883	1077636,982	1681,463	via
1016	1051487,127	1077635,963	1681,471	cer
1017	1051500,38	1077636,286	1680,365	cer
1018	1051500,14	1077636,933	1680,518	via
1019	1051500,175	1077638,312	1680,548	via
1020	1051500,164	1077639,597	1680,54	via
1021	1051500,059	1077640,359	1680,369	pn
1022	1051499,995	1077641,442	1681,274	cer
1023	1051499,095	1077643,808	1682,305	pn
1024	1051502,346	1077640,313	1679,297	pn
1025	1051504,328	1077640,522	1678,909	pn
1026	1051504,354	1077640,442	1679,797	pn
1027	1051502,836	1077640,302	1680,37	pn
1028	1051503,833	1077640,424	1679,89	tub24
1030	1051518,863	1077636,228	1681,055	cer
1031	1051518,829	1077637,085	1681,096	via
1032	1051518,861	1077637,002	1681,114	via
1033	1051518,944	1077638,18	1681,065	via
1034	1051518,88	1077639,773	1681,042	via
1035	1051518,95	1077641,453	1681,191	cer
1036	1051518,993	1077641,572	1681,182	cer
1037	1051518,067	1077644,02	1681,649	pn
1038	1051337,73	1077713,51	1749,501	BASE
1039	1052612,553	1077725,516	1531,875	cer
1040	1051527,759	1077642,28	1683,748	
1041	1051665,977	1077649,133	1670,141	
1042	1051666,119	1077647,88	1670,128	
1043	1051666,787	1077645,986	1670,178	
1044	1051666,93	1077641,846	1670,007	
1045	1051668,051	1077645,071	1670,346	
1046	1051678,155	1077647,408	1668,512	
1047	1051678,057	1077647,823	1669,074	
1048	1051677,996	1077649,285	1669,22	
1049	1051677,851	1077650,646	1669,248	
1050	1051677,854	1077651,083	1669,056	
1051	1051677,814	1077651,313	1668,444	
1052	1051677,808	1077651,416	1667,969	
1053	1051686,765	1077647,421	1668,894	
1054	1051686,751	1077648,246	1669,143	
1055	1051686,729	1077649,673	1669,175	
1056	1051686,92	1077651,177	1669,179	
1057	1051686,907	1077651,793	1668,988	
1058	1051313,652	1077660,192	1706,632	
1059	1051304,978	1077665,282	1707,222	
1060	1051290,875	1077668,818	1705,745	
1061	1051280,077	1077672,018	1708,583	
1062	1051265,237	1077669,074	1710,149	
1063	1051252,102	1077662,279	1712,593	
1064	1051242,507	1077652,931	1713,224	
1065	1051232,887	1077643,861	1714,183	
1066	1051219,924	1077636,772	1715,964	
1067	1051207,338	1077633,804	1717,984	
1068	1051193,872	1077631,327	1720,385	
1069	1051181,637	1077631,742	1722,152	
1070	1051170,599	1077634,459	1725,816	
1071	1051122,308	1077626,671	1739,604	

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1072	1051118,072	1077641,05	1741,076	
1073	1051115,303	1077653,407	1743,43	
1074	1051115,423	1077665,532	1747,4	
1075	1051115,726	1077670,551	1749,307	
1076	1051113,392	1077673,518	1749,684	
1077	1051119,615	1077678,71	1748,673	
1078	1051080,263	1077593,54	1725,844	fin
1079	1051136,646	1077693,073	1750,249	cer
1080	1051136,297	1077693,475	1750,271	via
1081	1051134,896	1077694,381	1750,267	via
1082	1051133,874	1077695,034	1750,253	via
1083	1051133,312	1077695,861	1749,979	pn
1084	1051132,103	1077696,189	1751,437	cer
1085	1051138,124	1077689,722	1748,65	pn
1086	1051130,944	1077681,703	1748,101	pn
1087	1051128,505	1077682,722	1749,193	pte
1088	1051128,535	1077682,755	1749,213	cer
1089	1051127,931	1077683,221	1749,238	via
1090	1051126,931	1077683,933	1749,239	via
1091	1051125,527	1077684,824	1749,176	via
1092	1051125,202	1077685,083	1748,959	pn
1093	1051123,894	1077685,79	1750,467	cer
1094	1051118,521	1077672,652	1748,741	cer
1095	1051119,994	1077672,792	1747,093	cer
1096	1051120,172	1077672,719	1747,296	via
1097	1051121,599	1077672,374	1747,234	via
1098	1051123,079	1077671,917	1747,224	via
1099	1051123,628	1077671,701	1747,381	cer
1100	1051126,281	1077670,148	1746,898	pn
1101	1051125,058	1077665,577	1745,832	pn
1102	1051122,677	1077664,107	1745,825	cer
1103	1051121,896	1077664,271	1745,482	pn
1104	1051120,287	1077664,505	1745,59	via
1105	1051118,77	1077664,706	1745,521	via
1106	1051118,298	1077664,718	1745,323	pn
1107	1051117,313	1077664,185	1746,578	cer
1108	1051123,763	1077653,406	1742,635	cer
1109	1051122,778	1077653,18	1742,568	via
1110	1051121,251	1077652,872	1742,602	via
1111	1051119,797	1077652,685	1742,509	via
1112	1051119,342	1077652,615	1742,288	pn
1113	1051118,746	1077652,382	1742,696	cer
1114	1051128,127	1077652,514	1742,421	casa
1115	1051122,854	1077659,469	1742,913	casa
1116	1051122,586	1077659,493	1742,94	casa
1117	1051129,174	1077664,853	1742,684	casa
1118	1051130,199	1077663,671	1742,635	casa
1119	1051134,191	1077667,516	1742,454	casa
1120	1051139,198	1077662,099	1742	casa
1121	1051125,802	1077643,224	1740,306	casa
1122	1051125,886	1077643,257	1740,313	cer
1123	1051128,126	1077644,074	1740,184	pn
1124	1051125,152	1077643,289	1740,313	pn
1125	1051124,525	1077643,407	1740,44	via
1126	1051123,043	1077643,097	1740,469	via
1127	1051121,697	1077643,048	1740,359	via
1128	1051121,222	1077642,783	1740,326	pn
1129	1051120,971	1077642,735	1740,643	pn
1130	1051120,897	1077635,889	1740,003	cer
1131	1051121,489	1077635,963	1739,516	pn

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1132	1051121,975	1077635,999	1739,551	via
1133	1051124,125	1077636,975	1739,509	via
1134	1051125,496	1077638,067	1739,493	via
1135	1051126,053	1077638,385	1739,346	pn
1136	1051126,677	1077639,06	1739,704	cer
1137	1051129,418	1077640,791	1738,859	pn
1138	1051128,497	1077637,866	1739,181	cer
1139	1051128,179	1077636,434	1738,305	pn
1140	1051127,964	1077636,061	1738,444	via
1141	1051127,72	1077635,315	1738,51	via
1142	1051128,05	1077632,422	1738,355	via
1143	1051128,99	1077630,08	1738,427	via
1144	1051129,87	1077629,091	1738,487	cer
1145	1051126,944	1077636,16	1738,883	pn
1146	1051124,124	1077633,789	1739,304	via
1147	1051121,366	1077632,003	1739,483	via
1148	1051121,086	1077631,722	1739,315	pn
1149	1051120,659	1077631,376	1739,304	pn
1150	1051120,345	1077631,171	1740,072	pn
1151	1051119,797	1077630,948	1740,235	cer
1152	1051121,126	1077631,025	1739,562	pn
1153	1051123,992	1077628,703	1739,289	pn
1154	1051125,42	1077627,726	1739,208	via
1155	1051126,779	1077626,249	1739,298	cer
1156	1051121,561	1077621,3	1740,009	cer
1157	1051120,668	1077621,929	1740,101	via
1158	1051119,435	1077622,705	1740,131	via
1159	1051117,93	1077623,75	1740,008	via
1160	1051117,404	1077624,042	1739,791	pn
1161	1051116,916	1077626,202	1740,434	cer
1162	1051116,685	1077624,232	1740,541	cer
1163	1051119,647	1077628,411	1739,345	pn
1164	1051119,546	1077628,689	1738,686	pn
1165	1051120,266	1077629,906	1738,627	pn
1166	1051120,281	1077629,569	1738,998	pn
1167	1051119,519	1077629,302	1738,733	pn
1168	1051119,19	1077629,379	1739,688	cer
1169	1051120,126	1077629,16	1739,137	tubo
1170	1051125,062	1077625,493	1739,245	tubo
1171	1051131,021	1077637,293	1737,372	pn
1172	1051131,26	1077636,793	1737,376	via
1173	1051131,68	1077636,266	1737,4	via
1174	1051132,339	1077634,968	1737,275	via
1175	1051133,502	1077633,5	1737,306	via
1176	1051134,267	1077632,926	1737,624	cer
1177	1051137,557	1077634,773	1736,866	cer
1178	1051137,059	1077635,54	1736,949	pn
1179	1051136,816	1077635,926	1736,404	ph
1180	1051136,797	1077636,07	1736,369	ph
1181	1051135,941	1077637,368	1736,35	ph
1182	1051135,366	1077638,484	1736,375	ph
1183	1051135,271	1077638,861	1736,462	pn
1184	1051135,119	1077639,37	1736,361	pn
1185	1051134,511	1077640,915	1736,813	pn
1186	1051144,063	1077645,008	1736	pn
1187	1051144,588	1077642,281	1734,352	pn
1188	1051144,513	1077641,709	1734,52	ph
1189	1051144,626	1077640,308	1734,546	ph
1190	1051144,88	1077638,899	1734,566	ph
1191	1051144,783	1077638,125	1734,57	pn

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1192	1051145,16	1077637,197	1734,722	cer
1193	1051155,613	1077638,686	1732,152	cer
1194	1051155,571	1077639,292	1732,099	pn
1195	1051155,47	1077640,054	1731,826	ph
1196	1051155,396	1077641,254	1731,773	ph
1197	1051155,352	1077642,594	1731,778	ph
1198	1051155,32	1077643,507	1731,593	pn
1199	1051155,477	1077645,241	1732,094	pn
1200	1051155,787	1077646,1	1733,193	cer
1201	1051155,562	1077648,882	1733,644	cer
1202	1051168,207	1077649,294	1730,052	pn
1203	1051168,491	1077646,972	1729,858	cer
1204	1051168,304	1077645,361	1728,047	pn
1205	1051168,1	1077644,06	1727,857	pn
1206	1051168,045	1077642,768	1728,108	ph
1207	1051168,09	1077641,167	1728,082	ph
1208	1051167,611	1077639,852	1728,088	ph
1209	1051167,265	1077638,078	1727,808	cer
1210	1051178,201	1077635,951	1724,805	cer
1211	1051178,505	1077637,258	1724,729	ph
1212	1051178,666	1077638,463	1724,766	ph
1213	1051179,02	1077639,7	1724,751	ph
1214	1051179,3	1077640,404	1724,535	pn
1215	1051179,605	1077641,316	1724,844	pn
1216	1051180,226	1077642,408	1725,399	cer
1217	1051181,657	1077644,898	1725,686	pn
1218	1051186,807	1077641,844	1724,374	pte
1219	1051186,589	1077640,952	1724,2	cer
1220	1051186,556	1077639,942	1723,6	pn
1221	1051186,333	1077638,554	1722,883	pn
1222	1051186,03	1077638,955	1722,706	pn
1223	1051185,949	1077638,327	1722,947	ph
1224	1051186,005	1077637,061	1722,936	ph
1225	1051185,739	1077635,552	1722,84	ph
1226	1051185,443	1077634,466	1722,908	cer
1227	1051194,381	1077634,201	1721,116	cer
1228	1051194,25	1077635,452	1721,171	ph
1229	1051194,136	1077636,971	1721,189	ph
1230	1051194,137	1077638,153	1721,191	ph
1231	1051194,136	1077638,675	1721,024	pn
1232	1051194,135	1077639,836	1722,174	cer
1233	1051194,088	1077640,684	1723,082	cer
1234	1051194,177	1077643,374	1723,766	pn
1235	1051203,549	1077643,898	1722,128	pn
1236	1051204,099	1077641,577	1721,057	cer
1237	1051204,994	1077640,66	1720,232	pn
1238	1051204,801	1077640,605	1719,623	pn
1239	1051204,594	1077639,683	1719,023	pn
1240	1051204,68	1077639,34	1719,152	via
1241	1051204,815	1077637,981	1719,176	via
1242	1051204,88	1077636,534	1719,239	via
1243	1051205,018	1077636,187	1719,254	pn
1244	1051205,261	1077635,92	1719,613	cer
1245	1051218,317	1077639,684	1717,547	cer
1246	1051218,206	1077640,068	1717,262	pn
1247	1051218,013	1077640,328	1717,19	via
1248	1051217,441	1077641,969	1717,161	via
1249	1051216,88	1077643,312	1717,124	via
1250	1051216,678	1077643,747	1716,973	pn
1251	1051216,604	1077644,229	1718,379	pn

1252	1051218,355	1077644,781	1719,254	cer
1253	1051215,571	1077647,24	1720,699	pn
1254	1051226,694	1077652,837	1718,43	pn
1255	1051228,184	1077650,844	1717,846	cer
1256	1051228,42	1077650,438	1717,039	cer
1257	1051228,93	1077649,829	1715,093	pn
1258	1051229,094	1077649,387	1715,331	via
1259	1051230,149	1077648,002	1715,218	via
1260	1051230,712	1077646,945	1715,329	via
1261	1051231,067	1077646,526	1715,409	pn
1262	1051231,5	1077646,107	1715,429	cer
1263	1051231,756	1077645,721	1715,045	cer
1264	1051241,141	1077655,076	1714,288	cer
1265	1051240,466	1077655,652	1714,163	via
1266	1051240,439	1077655,809	1714,094	via
1267	1051239,267	1077656,635	1713,929	via
1268	1051237,909	1077657,694	1713,875	via
1269	1051237,615	1077657,857	1713,722	pn
1270	1051237,348	1077658,041	1713,77	pn
1271	1051237,301	1077658,283	1715,113	cer
1272	1051236,646	1077658,508	1715,377	cer
1273	1051234,526	1077660,223	1715,669	pn
1274	1051242,909	1077670,581	1714,222	pn
1275	1051244,836	1077668,412	1713,682	cer
1276	1051245,582	1077667,658	1713,164	pn
1277	1051245,671	1077667,62	1712,897	pn
1278	1051245,76	1077667,568	1712,713	pn
1279	1051245,985	1077666,982	1712,89	via
1280	1051246,936	1077665,803	1712,793	via
1281	1051247,844	1077664,72	1712,798	via
1282	1051248,405	1077664,365	1712,918	cer
1283	1051256,178	1077669,678	1712,175	cer
1284	1051256,128	1077669,761	1712,184	v
1285	1051255,803	1077670,045	1712,273	via
1286	1051254,952	1077671,444	1712,24	via
1287	1051254,416	1077672,692	1712,317	via
1288	1051253,901	1077673,651	1712,112	pn
1289	1051253,263	1077674,861	1712,811	pn
1290	1051252,137	1077678,698	1714,6	pn
1291	1051258,976	1077679,981	1714,115	pn
1292	1051259,897	1077676,878	1713,276	cer
1293	1051260,571	1077675,919	1711,257	pn
1294	1051260,551	1077675,845	1711,735	pn
1295	1051259,651	1077675,735	1711,3	pn
1296	1051259,602	1077675,715	1712,092	pn
1297	1051259,98	1077675,493	1711,73	pn
1298	1051259,817	1077675,341	1711,323	pn
1299	1051260,104	1077675,978	1711,684	tub
1300	1051260,22	1077674,982	1712,211	via
1301	1051260,262	1077674,968	1712,257	via
1302	1051260,622	1077673,794	1712,273	via
1303	1051261,146	1077672,475	1711,974	via
1304	1051261,184	1077671,817	1710,963	cer
1305	1051261,213	1077671,849	1711,507	cer
1306	1051275,422	1077674,185	1711,047	cer
1307	1051275,396	1077674,62	1711,147	via
1308	1051275,296	1077674,94	1711,058	via
1309	1051275,009	1077676,355	1711,112	via
1310	1051274,932	1077677,657	1711,145	via
1311	1051275,08	1077678,212	1710,952	pn

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1312	1051275,136	1077678,481	1711,812	cet
1313	1051275,059	1077679,088	1712,295	cet
1314	1051274,434	1077681,998	1713,124	pn
1315	1051286,955	1077682,687	1713,014	pn
1316	1051287,829	1077679,841	1711,9	cer
1317	1051287,774	1077679,3	1711,447	pn
1318	1051287,754	1077678,858	1710,391	pn
1319	1051287,586	1077678,143	1710,654	cer
1320	1051287,45	1077676,712	1710,591	cer
1321	1051287,325	1077675,437	1710,531	cer
1322	1051287,194	1077674,895	1710,484	cer
1323	1051299,267	1077670,262	1710,239	cer
1324	1051299,495	1077670,867	1710,211	pn
1325	1051299,69	1077671,038	1710,209	via
1326	1051300,459	1077672,39	1710,216	via
1327	1051300,982	1077673,493	1710,206	via
1328	1051301,335	1077673,961	1710,102	pn
1329	1051301,447	1077674,212	1711,692	pn
1330	1051301,686	1077674,979	1712,053	cer
1331	1051302,294	1077676,257	1712,764	pn
1332	1051314,289	1077670,846	1713,181	pn
1333	1051314,364	1077669,694	1712,794	cer
1334	1051314,098	1077668,928	1711,965	pn
1335	1051313,789	1077668,143	1709,437	pn
1336	1051313,534	1077667,675	1709,562	via
1337	1051312,888	1077666,544	1709,498	via
1338	1051312,104	1077665,217	1709,444	via
1339	1051311,767	1077664,123	1708,574	cer
1340	1051324,884	1077656,612	1708,423	cer
1341	1051325,123	1077657,115	1709,253	pn
1342	1051326,413	1077658,744	1709,231	via
1343	1051327,18	1077659,618	1709,243	via
1344	1051327,602	1077660,204	1709,046	pn
1345	1051328,461	1077660,428	1710,416	pn
1346	1051329,423	1077660,96	1712,185	cer
1347	1051330,274	1077661,943	1712,812	pn
1348	1051339,435	1077653,944	1712,415	pn
1349	1051339,154	1077652,617	1711,696	cer
1350	1051338,418	1077651,721	1708,7	pn
1351	1051337,855	1077651,153	1708,856	via
1352	1051337,041	1077650,359	1708,818	via
1353	1051335,967	1077649,406	1708,751	via
1354	1051335,227	1077648,446	1708,556	cer
1355	1051345,53	1077637,69	1707,998	cer
1356	1051346,065	1077638,058	1707,995	via
1357	1051347,226	1077639,195	1708,078	via
1358	1051348,096	1077640,252	1708,011	via
1360	1051348,516	1077640,76	1709,362	pn
1361	1051348,891	1077640,843	1709,402	pn
1362	1051350,129	1077643,389	1712,155	cer
1363	1051350,799	1077644,542	1712,805	pn
1364	1051358,529	1077637,422	1710,985	pn
1365	1051356,448	1077635,558	1709,592	cer
1366	1051355,514	1077633,146	1706,775	pn
1367	1051355,094	1077632,825	1706,899	via
1368	1051354,312	1077631,637	1707	via
1369	1051353,23	1077630,721	1707,066	via
1370	1051352,861	1077629,777	1707,131	cer
1371	1051360,637	1077625,001	1706,209	cer
1372	1051360,923	1077625,591	1706,186	via

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1373	1051361,119	1077627,297	1706,022	via
1374	1051361,599	1077628,986	1705,966	via
1375	1051361,726	1077629,477	1705,839	pn
1376	1051361,809	1077629,975	1707,53	pn
1377	1051362,871	1077631,24	1708,368	cer
1378	1051363,42	1077632,618	1709,158	pn
1379	1051370,821	1077632,508	1707,985	pn
1380	1051371,963	1077631,209	1707,156	cer
1381	1051372,67	1077630,388	1706,882	pn
1382	1051373,025	1077629,8	1704,536	pn
1383	1051373,083	1077629,134	1704,686	via
1384	1051373,544	1077627,563	1704,662	via
1385	1051373,917	1077626,148	1704,822	via
1386	1051374,265	1077625,495	1705,08	cer
1387	1051386,664	1077630,477	1702,444	cer
1388	1051386,29	1077631,183	1702,396	via
1389	1051385,637	1077632,682	1702,274	via
1390	1051384,885	1077633,919	1702,335	via
1391	1051384,653	1077634,214	1702,201	pn
1392	1051384,098	1077635,24	1703,506	pn
1393	1051383,729	1077636,124	1705,295	cer
1394	1051382,996	1077637,819	1705,969	pn
1395	1051394,957	1077644,71	1705,621	pn
1396	1051396,209	1077642,829	1705,921	cer
1397	1051396,358	1077642,393	1705,203	pn
1398	1051396,78	1077640,55	1702,058	pn
1399	1051397,126	1077640,117	1701,966	via
1400	1051398,017	1077638,734	1701,666	via
1401	1051398,835	1077637,005	1700,733	via
1402	1051399,572	1077636,47	1700,292	cer
1403	1051412,23	1077645,386	1698,727	cer
1404	1051411,812	1077645,586	1698,585	via
1405	1051410,829	1077647,02	1698,624	via
1406	1051409,907	1077648,083	1698,663	via
1407	1051409,592	1077648,776	1698,609	pn
1408	1051409,078	1077649,308	1697,68	pn
1409	1051423,046	1077651,643	1693,921	cer
1410	1051423,057	1077652,261	1693,819	via
1411	1051422,219	1077653,707	1693,829	via
1412	1051421,507	1077655,305	1693,951	via
1413	1051421,108	1077655,776	1693,753	pn
1414	1051420,558	1077657,343	1695,452	pn
1415	1051420,308	1077658,037	1696,36	cer
1416	1051420,934	1077661,695	1696,934	pn
1417	1051430,966	1077662,88	1693,882	pn
1418	1051863,008	1077732,112	1672,154	pn
1420	1051863,516	1077731,673	1671,269	pn
1421	1051863,954	1077731,462	1671,384	pn
1423	1051864,848	1077730,107	1671,408	pn
1424	1051865,831	1077728,806	1671,334	pn
1425	1051866,549	1077727,419	1670,846	pn
1426	1051877,734	1077736,206	1670,483	pn
1427	1051877,498	1077736,641	1671,17	pn
1428	1051876,778	1077737,281	1671,174	pn
1429	1051875,9	1077738,429	1671,147	pn
1430	1051874,982	1077739,751	1671,269	pn
1431	1051874,283	1077740,264	1670,984	pn
1432	1051873,537	1077740,78	1672,569	pn
1433	1051872,444	1077741,979	1672,898	pn
1434	1051881,164	1077748,432	1673,332	pn

1435	1051882,243	1077747,028	1672,321	pn
1436	1051882,719	1077746	1671,147	pn
1437	1051883,033	1077745,301	1671,152	pn
1439	1051883,662	1077744,168	1671,105	pn
1440	1051884,507	1077742,633	1671,049	pn
1441	1051885,488	1077741,771	1670,308	pn
1442	1051894,546	1077745,728	1670,409	pn
1443	1051894,249	1077746,886	1671,179	pn
1444	1051893,77	1077748,475	1671,304	pn
1445	1051893,342	1077749,81	1671,311	pn
1446	1051893,078	1077750,534	1671,169	pn
1447	1051892,38	1077752,485	1674,166	pn
1448	1051892,365	1077752,45	1674,153	pn
1449	1051893,169	1077757,795	1674,541	pn
1450	1051893,121	1077757,924	1675,264	pn
1451	1051900,76	1077755,429	1672,493	pn
1452	1051900,992	1077756,581	1673,848	pn
1453	1051899,986	1077752,571	1672,348	pn
1454	1051900,459	1077751,484	1671,667	pn
1455	1051900,738	1077750,258	1671,623	pn
1456	1051900,923	1077748,753	1671,585	pn
1457	1051900,941	1077747,257	1671,597	pn
1458	1051907,774	1077753,384	1671,912	pn
1459	1051907,853	1077752,81	1671,954	pn
1460	1051907,847	1077751,455	1671,931	pn
1461	1051907,735	1077749,857	1671,826	pn
1462	1051907,768	1077748,935	1671,722	pn
1463	1051907,864	1077748,173	1671,173	pn
1464	1051908,331	1077755,598	1674,15	pn
1465	1051923,328	1077748,483	1670,923	pn
1466	1051923,561	1077749,349	1672,126	pn
1467	1051923,595	1077749,998	1672,18	pn
1468	1051923,722	1077751,383	1672,346	pn
1469	1051923,677	1077752,656	1672,423	pn
1470	1051923,889	1077753,961	1671,709	pn
1471	1051923,63	1077753,632	1672,268	pn
1472	1051923,217	1077754,754	1674,149	pn
1473	1051934,187	1077746,724	1671,544	pn
1474	1051934,053	1077747,755	1672,404	pn
1476	1051934,326	1077748,716	1672,442	pn
1477	1051934,614	1077749,954	1672,483	pn
1478	1051934,715	1077751,647	1672,558	pn
1479	1051935,283	1077752,256	1672,095	pn
1480	1051935,164	1077752,045	1672,379	pn
1481	1051936,08	1077754,558	1674,397	pn
1482	1051942,359	1077754,353	1674,073	pn
1483	1051942,407	1077752,867	1672,66	pn
1484	1051942,103	1077750,673	1672,316	pn
1485	1051941,643	1077748,644	1672,213	pn
1486	1051941,317	1077747,13	1672,109	pn
1487	1051941,192	1077746,218	1672,076	pn
1488	1051940,868	1077745,56	1671,549	pn
1489	1051950,377	1077751,157	1672,923	pn
1490	1051947,678	1077742,354	1671,056	pn
1491	1051947,78	1077742,337	1671,038	pn
1492	1051934,08	1077744,854	1670,123	pn
1493	1051933,836	1077743,611	1668,71	pn
1494	1051919,25	1077744,397	1668,937	pn
1495	1051906,799	1077744,64	1669,24	pn
1496	1051895,518	1077741,891	1669,044	pn

1497	1051885,666	1077738,444	1669,662	pn
1498	1051874,23	1077729,575	1669,671	pn
1499	1051859,998	1077720,081	1669,465	pn
1500	1051845,921	1077710,431	1670,142	pn
1501	1051830,062	1077702,556	1669,988	pn
1502	1051824,568	1077691,88	1670,789	pn
1503	1051814,473	1077683,421	1670,058	pn
1504	1051800,579	1077674,328	1668,948	pn
1505	1051786,43	1077666,495	1669,404	pn
1506	1051772,299	1077662,846	1669,452	pn
1507	1051759,023	1077662,338	1668,955	pn
1508	1051748,005	1077659,641	1667,913	pn
1509	1051733,104	1077655,92	1667,6	pn
1510	1051719,579	1077651,082	1667,746	pn
1511	1051598,343	1077635,636	1673,171	pn
1512	1051585,036	1077638,727	1672,845	pn
1513	1051564,575	1077638,974	1675,407	pn
1514	1051552,972	1077637,468	1675,837	pn
1515	1051548,198	1077638,722	1676,876	pn
1516	1051537,077	1077636,451	1679,544	pn
1517	1051523,491	1077632,756	1681,841	pn
1518	1051520,05	1077632,605	1681,844	pn
1519	1051520,025	1077634,948	1681,785	pn
1520	1051523,364	1077635,176	1681,834	pn
1521	1051508,797	1077634,483	1678,304	pn
1522	1051497,709	1077632,642	1678,447	pn
1523	1051483,207	1077632,556	1675,353	pn
1524	1051473,522	1077639,714	1680,282	pn
1525	1051457,303	1077654,264	1686,553	pn
1526	1051442,088	1077652,181	1687,88	pn
1527	1051430,229	1077650,242	1690,841	pn
1528	1051416,847	1077643,469	1694,317	pn
1529	1051405,914	1077638,249	1696,959	pn
1530	1051394,159	1077631,803	1699,876	pn
1531	1051382,513	1077626,282	1702,606	pn
1532	1051370,509	1077622,422	1703,752	pn
1533	1051363,293	1077622,755	1705,086	pn
1534	1051359,659	1077623,928	1705,579	pn
1535	1051346,79	1077633,32	1706,452	pn
1536	1051336,374	1077644,49	1706,848	pn
1537	1051324,876	1077653,497	1706,492	pn
1538	1051686,879	1077652,267	1670	pn
1539	1051686,854	1077654,842	1670,407	pn
1540	1051696,412	1077655,143	1672,076	pn
1541	1051697,752	1077653,848	1671,076	pn
1542	1051698,125	1077652,747	1669,619	pn
1543	1051698,166	1077652,307	1669,762	pn
1544	1051698,45	1077650,724	1669,66	pn
1545	1051698,552	1077649,244	1669,62	pn
1546	1051698,542	1077648,226	1669,462	pn
1547	1051710,468	1077651,503	1669,027	pn
1548	1051710,128	1077652,61	1669,963	pn
1549	1051709,87	1077654,047	1669,995	pn
1550	1051709,611	1077656,011	1670,108	pn
1551	1051709,587	1077656,803	1670,007	pn
1552	1051709,742	1077657,024	1671,421	pn
1553	1051709,15	1077659,062	1672,798	pn
1554	1051724,861	1077665,581	1672,982	pn
1555	1051725,864	1077663,733	1671,12	pn
1556	1051726,08	1077662,699	1670,408	pn

1557	1051726,295	1077661,735	1669,77	pn
1558	1051726,209	1077661,45	1669,867	pn
1559	1051726,559	1077659,932	1669,872	pn
1560	1051726,814	1077658,617	1669,825	pn
1561	1051727,157	1077657,041	1669,317	pn
1562	1051729,821	1077662,906	1668,772	pn
1563	1051729,806	1077663,103	1669,152	pn
1564	1051729,783	1077662,567	1669,803	pn
1565	1051730,353	1077660,974	1669,836	pn
1566	1051730,724	1077659,949	1669,749	pn
1567	1051731,068	1077659,031	1669,628	pn
1568	1051731,17	1077658,33	1669,242	pn
1569	1051731,584	1077658,919	1669,007	pn
1570	1051743,772	1077662,011	1669,511	pn
1571	1051743,78	1077662,772	1669,957	pn
1572	1051743,642	1077664,442	1670,106	pn
1573	1051743,566	1077666,009	1670,205	pn
1574	1051743,474	1077666,696	1670,075	pn
1575	1051743,541	1077666,968	1671,596	pn
1576	1051743,444	1077668,326	1672,022	pn
1577	1051756,599	1077663,631	1669,745	pn
1578	1051756,45	1077664,464	1670,584	pn
1579	1051756,641	1077665,308	1670,648	pn
1580	1051756,561	1077666,75	1670,748	pn
1581	1051756,777	1077668,373	1670,844	pn
1582	1051756,646	1077668,913	1670,775	pn
1583	1051755,934	1077669,819	1672,701	pn
1584	1051755,356	1077671,043	1673,447	pn
1585	1051767,113	1077672,743	1674,963	pn
1586	1051767,479	1077671,224	1673,09	pn
1587	1051767,531	1077670,267	1671,202	pn
1588	1051767,901	1077669,304	1671,297	pn
1589	1051767,876	1077667,852	1671,312	pn
1590	1051768,176	1077666,464	1671,215	pn
1591	1051768,63	1077665,428	1671,351	pn
1592	1051781,176	1077668,314	1672,048	pn
1593	1051781,038	1077668,651	1671,783	pn
1594	1051781,028	1077669,217	1671,766	pn
1595	1051780,913	1077670,548	1671,785	pn
1596	1051780,489	1077671,981	1671,749	pn
1597	1051780,61	1077672,508	1671,592	pn
1598	1051780,949	1077673,85	1673,964	pn
1599	1051780,01	1077675,922	1674,814	pn
1600	1051790,292	1077682	1675,587	pn
1601	1051791,668	1077679,361	1674,25	pn
1602	1051792,522	1077678,326	1672,095	pn
1603	1051792,889	1077677,821	1672,261	pn
1604	1051793,494	1077676,61	1672,158	pn
1605	1051794,119	1077675,597	1672,139	pn
1606	1051794,616	1077674,817	1672,148	pn
1607	1051795,018	1077674,313	1671,47	pn
1608	1051784,844	1077669,669	1672,256	pn
1609	1051802,178	1077678,679	1671,221	pn
1610	1051802,006	1077679,243	1672,133	pn
1611	1051801,758	1077679,906	1672,263	pn
1612	1051801,055	1077681,298	1672,342	pn
1613	1051800,457	1077682,515	1672,324	pn
1614	1051800,286	1077683,146	1672,141	pn
1615	1051800,415	1077684,587	1674,648	pn
1616	1051799,126	1077686,349	1675,999	pn

1617	1051808,681	1077693,918	1676,404	pn
1618	1051810,971	1077691,549	1674,802	pn
1619	1051811,583	1077690,815	1673,609	pn
1620	1051812,207	1077690,03	1672,384	pn
1621	1051812,345	1077689,608	1672,482	pn
1622	1051813,097	1077688,324	1672,674	pn
1623	1051813,696	1077687,53	1672,6	pn
1624	1051814,682	1077686,239	1672,059	pn
1625	1051820,932	1077691,466	1672,617	pn
1626	1051820,323	1077692,52	1672,578	pn
1627	1051819,248	1077693,333	1672,672	pn
1628	1051817,846	1077693,869	1672,589	pn
1629	1051817,464	1077694,286	1672,417	pn
1630	1051816,451	1077695,095	1674,016	pn
1631	1051814,968	1077697,147	1675,457	pn
1632	1051826,92	1077709,215	1673,523	pn
1633	1051828,566	1077707,232	1673,085	pn
1634	1051829,348	1077710,451	1673,187	pn
1635	1051833,775	1077709,947	1671,927	pn
1636	1051834,726	1077708,778	1671,896	pn
1637	1051835,784	1077707,624	1671,771	pn
1638	1051836,186	1077706,904	1671,582	pn
1639	1051837,11	1077706,334	1670,771	pn
1640	1051848,461	1077714,516	1671,095	pn
1641	1051848,285	1077714,824	1671,397	pn
1642	1051847,967	1077715,299	1671,375	pn
1644	1051847,176	1077716,685	1671,427	pn
1645	1051846,72	1077718,205	1671,407	pn
1646	1051846,49	1077719,072	1671,246	pn
1647	1051851,334	1077715,805	1670,455	pn
1648	1051849,903	1077718,465	1671,348	pn
1649	1051849,467	1077719,777	1671,303	pn
1650	1051849,414	1077720,578	1671,127	pn
1651	1051849,42	1077720,936	1670,476	pn
1652	1051850,629	1077717,015	1671,246	pn
1653	1051850,127	1077724,916	1671,086	pn
1654	1051847,852	1077723,008	1673,453	pn
1655	1051846,581	1077724,03	1674,452	pn
1656	1051860,587	1077734,923	1673,759	pn
1657	1051862,235	1077732,914	1672,824	pn

CONTRATO AMG-MC-049-2025:
"REALIZAR LEVANTAMIENTO TOPOGRAFICO EN DIFERENTES TRAMOS VIALES EN EL MUNICIPIO DE GARAGOA BOYACA".

POSICIONAMIENTO LEVANTAMIENTO TOPOGRAFICO

(Planimetría - Altimetría)





PRESENTADO POR: WILMER E. ALFONSO H.

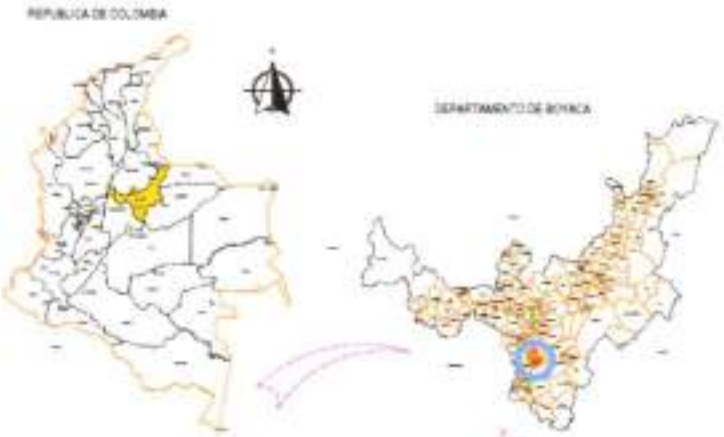
TOPOGRAFIA VEREDA QUIGUA SECTOR ALTO DEL PEDREGAL

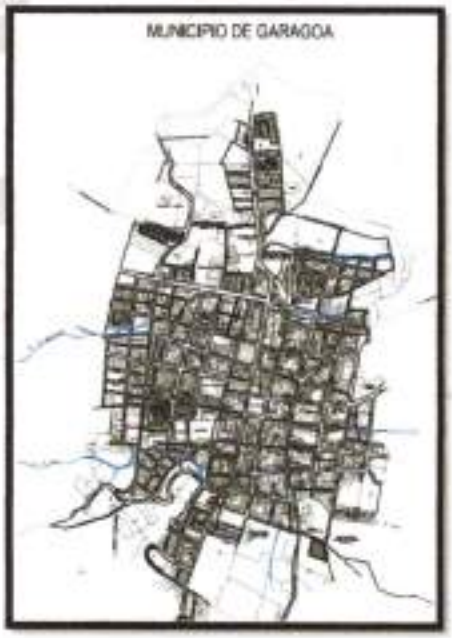
NOVIEMBRE DE 2025

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1. LOCALIZACION

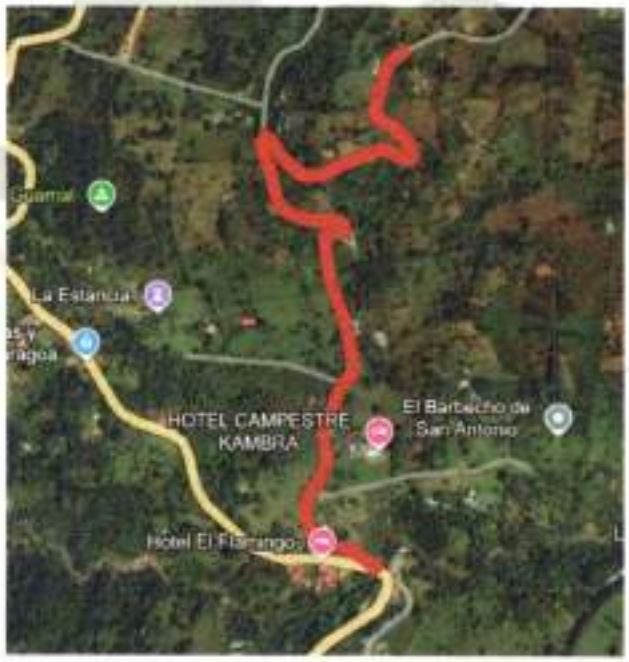




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El proyecto se localiza en el municipio de **GARAGOA** departamento de **BOYACÁ**, especificamente en LA VEREDA QUIGUA SECTRO ALTO DEL PEDREGAL

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2. POSICIONAMIENTO

2.1. Descripción del sistema GNSS

Un Sistema Global de Navegación por Satélite (GNSS, en su acrónimo inglés) es una constelación de satélites que transmite rangos de señales utilizados para el posicionamiento y localización en cualquier parte del globo terrestre, ya sea en tierra, mar o aire. Estos permiten determinar las coordenadas geográficas y la altitud de un punto dado como resultado de la recepción de señales provenientes de constelaciones de satélites artificiales de la Tierra para fines de navegación, transporte, geodésicos, hidrográficos, agrícolas, y otras actividades afines.

Un sistema de navegación basado en satélites artificiales puede proporcionar a los usuarios información sobre la posición y la hora (cuatro dimensiones) con una gran exactitud, en cualquier parte del mundo, las 24 horas del día y en todas las condiciones climatológicas.

Para el caso especifico de este trabajo se apoyó en los dos sistemas que en la actualidad están completamente operativos (GPS y GLONNAS).

El Sistema de posicionamiento global, conocido como (GPS) es un sistema de radionavegación basado en satélites que utiliza mediciones de distancia precisas de satélites GPS para determinar la posición y la hora en cualquier parte del mundo. El sistema es operado para el Gobierno de los Estados Unidos por su Departamento de Defensa.

El Sistema Mundial de Navegación por Satélites (GLONASS) proporciona determinaciones tridimensionales de posición y velocidad basadas en las mediciones del tiempo de tránsito y de desviación Doppler de las señales de radio frecuencia (RF) transmitidas por los satélites GLONASS. El sistema es operado por el Ministerio de Defensa de la Federación Rusa y ha sido utilizado como reserva por algunos receptores comerciales de GPS.

Los sistemas de navegación por satélite tienen una estructura claramente definida, que se divide en tres segmentos distintos: un segmento espacial, un segmento de control, un segmento de usuarios.

2.1.1. El segmento espacial

El segmento está compuesto por los satélites que forman el sistema, tanto de navegación como de comunicación. Mientras que los primeros orbitan alrededor de la Tierra, repartiéndose en distintos planos orbitales, los segundos son los que forman los llamados sistemas de aumento que sirven para la corrección de errores de posicionamiento.

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2.1.2. El segmento de control

Formado por el conjunto de estaciones en tierra que recogen los datos de los satélites. Este segmento es complejo en su definición, siendo propio de cada país o coalición de países, y estructurándolos en función de distintos criterios como más convenga.

Sus funciones son garantizar las prestaciones del sistema mediante monitoreo del segmento espacial y aplicar correcciones de posición orbital y temporal a los satélites, enviando información de sincronización de relojes atómicos y correcciones de posicionamiento de órbitas a los distintos satélites.

2.1.3. El segmento de usuarios

El segmento de Usuarios comprende a cualquiera que reciba las señales GNSS con un receptor, determinando su posición y/o la hora. Algunas aplicaciones típicas dentro del segmento Usuarios son: la navegación en tierra para excursionistas, ubicación de vehículos, topografía, navegación marítima y aérea, control de maquinaria, etc.

2.2. Equipo utilizado

SOKKIA GRX1

Especificaciones del GRX1

Capacidad de rastreo		
Cantidad de canales		72 canales
Señales rastreadas	GPS	L1 C/A, L1 L2 código P, L2C
	GLONASS	L1/L2 C/A, L1/L2 código P
	SBAS	WAAS, EGNOS, MSAS
Precisión del posicionamiento*2		
Estática	L1+L2	H: 3 mm + 0.5 ppm V: 5 mm + 0.5 ppm
	L1 únicamente	H: 3 mm + 0.8 ppm V: 4 mm + 1 ppm
Estática rápida	L1+L2	H: 3 mm + 0.5 ppm V: 5 mm + 0.5 ppm
Cinemática	L1+L2	H: 10 mm + 1 ppm V: 15 mm + 1 ppm
RTK	L1+L2	H: 10 mm + 1 ppm V: 15 mm + 1 ppm
DGPS		<0.5 m
Interfaz del usuario		
Operación		Manejo con un solo botón para encender y apagar, reiniciar el receptor, iniciar la medición
Panel indicador		22 indicadores LED de estado
Navegación en voz		Mensajes de voz multilingües para información de estado del receptor
Administración de datos		
Memoria		Tarjeta SD/SDHC (formatos FAT16/32)
Formato de datos		RTCM SC104 2.1/2.2/2.3/3.0/3.1, CMR, CMR+, NMEA, TPS
Velocidad de actualización (cinem.)*3		1 Hz, 5 Hz, 10 Hz, 20 Hz
Puerto de comunicación		RS-232C (4.800 a 115.200 bps)
Comunicación inalámbrica		
Modem Bluetooth		V.1.1, Clase 1, 115.200 bps
Modem digital UHF*4		Receptor (Rx) y transmisor (Tx) internos, 410 a 470 MHz
Modem GSM/GPRS*4		Interno
Ambiental		
Protección contra polvo y agua		IP67 (IEC 60529: 2001) al cerrar todas las tapas de los conectores. Protegido contra eventual inmersión hasta 1 m (3,3 pies) de profundidad.
Golpe		2 m (6,56 pies) Caída del poste desde
Temperatura de funcionamiento	Receptor GRX1	-40 a +65°C (-40 a +149°F)
	Batería BDC58	-20 a +65°C (-4 a +149°F)
	Modems UHF/GSM	-20 a +55°C (-4 a +131°F)
Temperatura de almacenamiento		-40 a +70°C (-49 a +158°F)
Humedad		100%, con condensación
Física		
Carcasa		Aluminio de aviación de magnesio
Tamaño		184 mm (diámetro) x 86 mm (altura) (7,24" x 3,74")
Peso	Receptor GRX1	1,1 kg (2,43 libras)
	Batería BDC58	190 g (6,9 onzas)
	Modem externo	115 x 230 g (4,3 a 8,2 onzas), según las especificaciones del modelo

*1 La cantidad de canales y señales rastreadas varía según las configuraciones del receptor.
*2 La precisión depende de la cantidad de satélites utilizables, las obstrucciones, la geometría satelital (DOP), el tiempo de ocupación, los efectos de trayectoria múltiple, las condiciones atmosféricas, la longitud de la línea de base, los procedimientos de medición y la calidad de los datos.
*3 * Hz estándar. Velocidades mayores disponibles.
*4 Modem UHF o modem UHF-GSM internos disponibles como opciones de fábrica.
*5 Unidad con el cable de alimentación de CA.

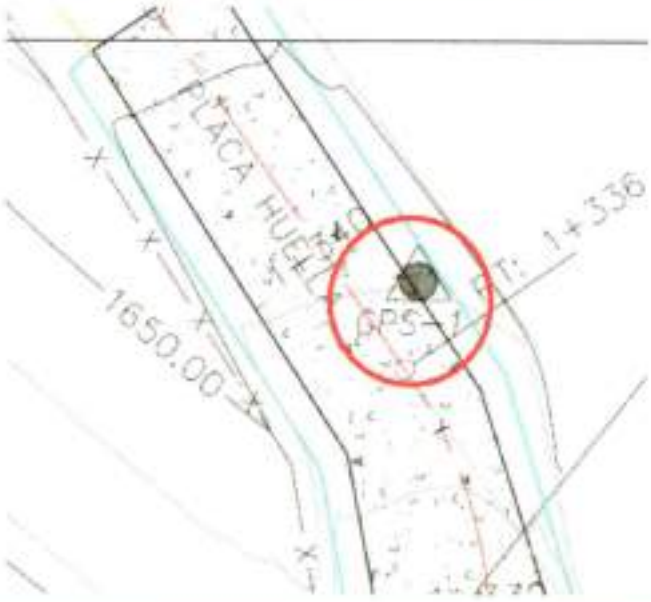
Fuente : manual del usuario

2.3. Materialización de puntos.

Para el presente trabajo se materializan dos puntos dentro con el fin de realizar el posicionamiento, se buscaron lugares donde no se tuviera interferencia que genere dificultad en la recepción por parte de los equipos.

GPS1



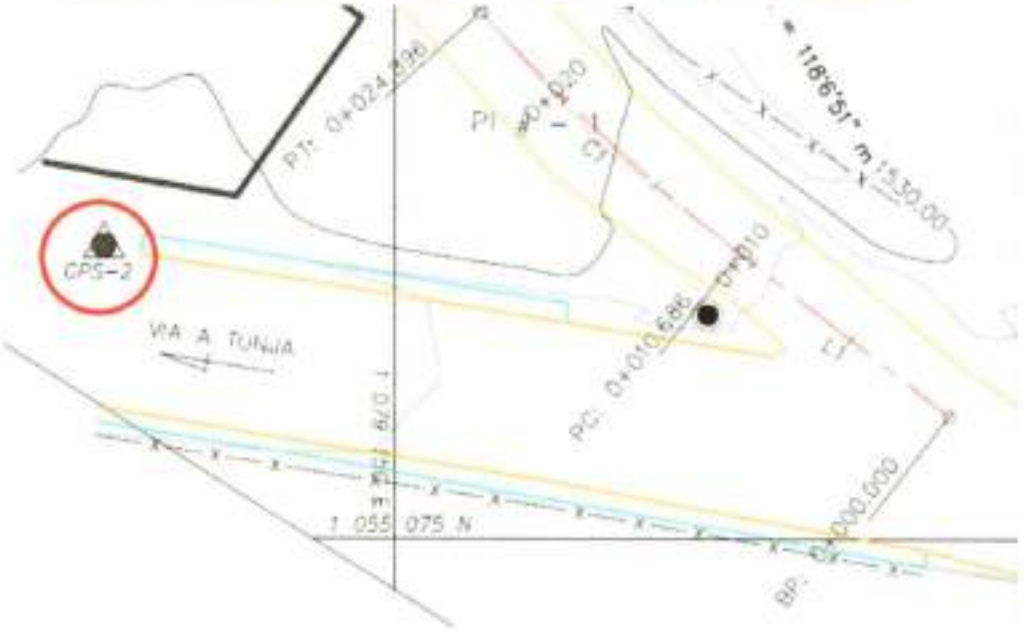


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GPS2





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2.4. Georeferenciacion

Una de las primeras actividades corresponde a la identificación de los vértices de la Red Magna Pasiva o MAGNA ECO del país, desarrollada por el IGAC (Instituto Geográfico Agustín Codazzi).

El posicionamiento horizontal y vertical por sistema GPS se inició con la ubicación de los vértices de la Red Magna Eco del país IGAC, determinando sobre un mapa la estación permanente más óptima por su ubicación para realizar un ajuste tanto en coordenadas como en elevación.

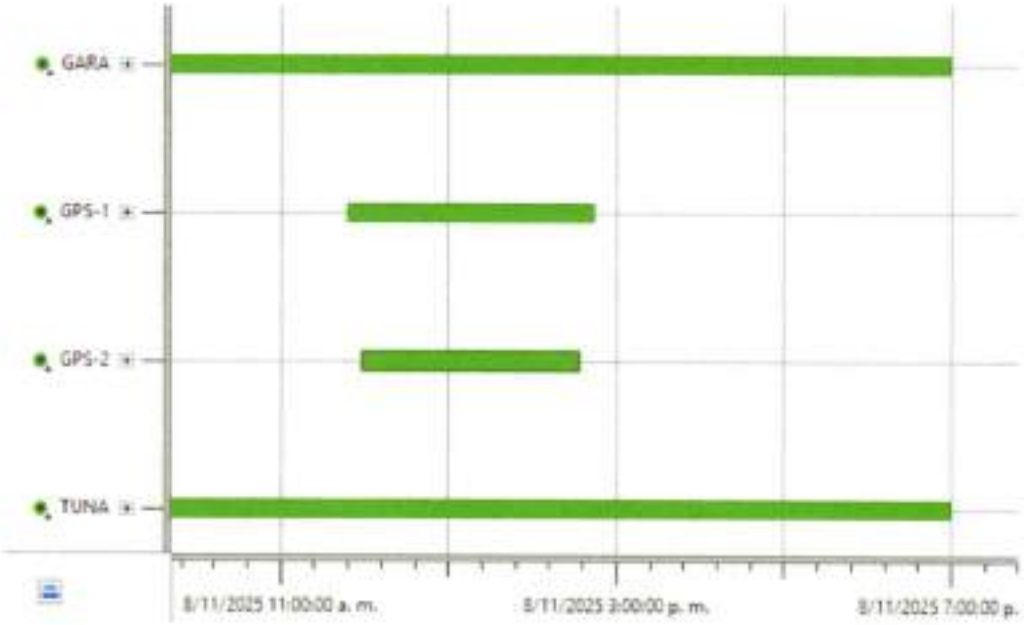
El Marco geocéntrico nacional MAGNA, es la extensión del ITRF (International Terrestrial Reference Frame) en América que para Colombia está asociado al elipsoide GRS80. Las coordenadas de las estaciones MAGNA-SIRGAS están definidas sobre el ITRF94, época 1995.4. Este sistema es de origen geocéntrico coincidente con el centro de masas terrestre.

Este proyecto se trabajará con el sistema de coordenadas planas de Gauss Kruger, origen Magna CENTRO, el cual maneja el elipsoide de referencia WGS-84, Se tomaron como puntos de origen los vértices de la Red Magna Eco la estación permanente TUNA localizada en TUNJA Y la estación GARA ubicada en Garagoa.



2.5. Operación de campo

Se inicia el proceso de medición de los vectores de manera simultánea con 2 receptores GPS SOKKIA GRX1. Los puntos se ubicaron de tal forma que se puedan formar figuras geométricas y/o triángulos equiláteros posibles, el tiempo de rastreo definido está en función de la distancia del punto a posicionar con respecto a la base permanente, para el presente caso se tienen dos bases permanentes, por lo cual se calculara el tiempo de rastreo teniendo presente la base mas retirada, en la siguiente imagen se muestran los tiempo de rastreo de los dos puntos posicionados y de la base permanente.



2.6. Postproceso

Una vez grabada la información de la sesión, los datos de campo se descargaron mediante el software SPECTRUM SURVEY OFFICE V8.2 exportándose desde este mismo como archivos Rinex, luego se realizó el procesamiento mediante este software con un control de calidad para la sesión hasta obtener una solución aceptable que cumpla con las normas mínimas de cálculo como los radios, varianza y el valor del RMS.

El ajuste final de la red primaria se hizo con el módulo ajuste de redes, consideraron todas las pruebas y bondades de este programa al momento de hacer el cálculo,

como la prueba o^2, el número de grados de libertad y la probabilidad crítica de 95% o mayor.

Una vez finalizado el postproceso se procede a realizar la conversión de coordenadas geográficas a coordenadas planas por medio del software MAGNA SIRGAS

Coordenadas Elipsoidales - Origen Central (Época 2025.65)			
ID	Latitud	Longitud	h
GARA	5°04'52.80587"N	73°21'36.13521"W	1750.926
GPS-1	5°06'02.89651"N	73°21'46.36943"W	1648.992
GPS-2	5°05'38.24573"N	73°21'49.73286"W	1529.443
TUNA	5°31'52.79118"N	73°21'49.97471"W	2831.837

Coordenadas Elipsoidal	Coordenadas Planas Gauss - Krueger - Origen Central (Época 2025.83)		
ID	Norte	Este	Altura
GARA			
GPS-1	1055844.185	1079241.063	1648.992
GPS-2	1055086.801	1079138.299	1529.443
TUNA			

3. LEVANTAMIENTO TOPOGRÁFICO

El presente documento es un informe descriptivo de las actividades llevadas a cabo y la presentación comentada de los resultados obtenidos una vez concluidas en su totalidad; las actividades de campo de la información básica colectada en terreno y desarrollo de las actividades técnicas que involucraron la utilización de medios tecnológicos como Estación total, para generar el plano con curvas de nivel y perfil del terreno, como insumo principal para el diseño geometrico.

3.1. Comisión de topografia

Para cumplir con el trabajo de materializar, marcar, y geo referenciar los puntos se dispone de una comisión, la cuales se referencian a continuación:

NOMBRE	C.CIUDADANIA	LICENCIA O MATRICULA PROF.
Ing. Wilmer Alfonso	7'336.039	Topógrafo

3.2. Cantidad de deltas y detalles del levantamiento.

Para efectos del levantamiento de terreno inicial se tomaron un total de 2165 detalles, que corresponden principalmente a los códigos:

CODIGOS DEL LEVANTAMIENTO	
DETALLE	**CODIGO**
CONSTRUCCION	CONST
BORDE DE VIA	BVIA
ALCANTARILLA	ALC
Poste de energía	PLZ
CERCA	CERK
Terreno natural	TOP
Delta (cambio)	DTA
EJE VIA	EJE
ENTRADA	ENTRD
CAMINO	CAMINO

Tabla 1. Códigos del Levantamiento

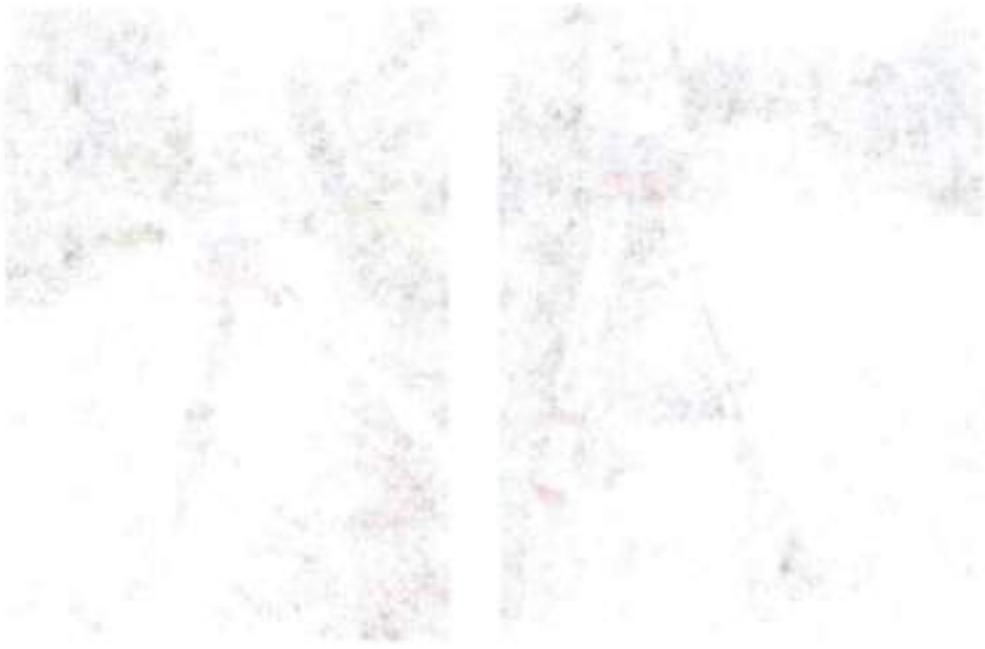
3.3. Trabajos de Campo Realizados

En función a la importancia de los estudios a ejecutarse, y dar cumplimiento al requerimiento; se han empleado equipos electrónicos de alta precisión como son las estaciones totales, en las que se han almacenado información codificada que luego es convertida en datos que se suministran a programas de cómputo para la elaboración de planos sectorizados en sistema CAD.

Se ejecutó una poligonal con medida directa, utilizándose para ello estación total marca TOPCON modelo OS-105 de aproximación 6" con colector interno de información, cada medida se realizó en modo fino, en series de 3 visadas cada una, de las cuales el software de cálculo tomo el promedio final, de esta manera se reduce al mínimo el error del operador y logrando errores de cierre dentro de lo permitidos.







3.4. Control con Estación Total

Descripción		Poligonales Secundarias
Límite de error azimutal	**15" (N) ½**	30" (N) ^ ½
Máximo error en	**1:10,000**	1:5,000
Distancia	**1:5,000**	1:3,000
Cierre después del ajuste Acimut	**MC o**	MC o Crandall
Criterio de calculo	**Crandall**	

Tabla 2. Control Estación Total

MC= Mínimos cuadrados
N = Números de vértices

Se implantaron vértices de la poligonal sin exceder de una distancia promedio de 500m asegurando su intervisibilidad. Para los trabajos de levantamiento topográfico en el área de interés se siguió el siguiente procedimiento:

- Apoyados en los deltas materializados, se levantaron en campo todos los detalles necesarios para la correcta representación de las condiciones actuales del terreno. Para ello se hizo uso de la estación total.

- Para realizar el amarre en coordenadas reales se utilizaron puntos con coordenadas reales conocidas posicionados anteriormente.

- Se caracterizaron todos los puntos bajos y puntos altos, así como detalles importantes para la posterior representación de las condiciones topográficas del terreno.

- Toda la información obtenida se ha procesado empleando programas con un software de cálculo en el caso de la estación total (indicando en el equipo de software utilizado).

- Los puntos de coordenadas obtenidos en el trabajo de campo, se proceden a procesar mediante el uso de software con el fin de obtener el modelo digital del terreno, que es el insumo final del presente trabajo para ser aportado al propietario como parte del compromiso adquirido.

- Estos trazos que generan los planos, han sido procesados en dibujos sectorizados en AutoCAD los archivos están en unidades métricas los puntos son incluidos EN CAPAS ESPECIFICAS y contienen información básica (número de punto, norte, este, elevación, descripción) PNEZD.

3.5. Procesamiento de la Información de Campo

Toda información en el campo fue trasmitida a la computadora. Esta información ha sido procesada por el modulo básico haciendo posible tener un archivo de radiaciones sin errores de cálculo, con su respectiva codificación de acuerdo a la ubicación de puntos.

Resumen de las distancias horizontales: las lecturas de las distancias electrónicas y Zenitales, que como el anterior es un extracto de las distancias Electrónicas, inclinadas observadas y los ángulos verticales Observados en el campo.

Las distancias inclinadas medidas con el distanciometro se corrigieron por refracción, por temperatura y altura sobre el nivel del mar, teniendo presente que la estación total cuneta con colimadores que permiten mantener la precisión de la toma de información.

Para el cálculo de reducción de distancias. Refracción y curvatura, se trasladaron los datos del formato de campo al formato de cálculo de elevaciones, tanto de los ángulos verticales observados así como las distancias inclinadas corregidas.

El ángulo medio o semidiferencia de las distancias cenitales (h) se ha obtenido del promedio de las diferencias entre las distancias cenitales corregidas reciprocas y directas que también tienen valores positivos o negativos.

Las distancias horizontales y verticales o desniveles se obtienen por las formulas:

$$DH = st.\cosh$$
$$DV = st.\operatorname{senh}$$

Dónde:

DH = Distancia Horizontal
DV = Distancia Vertical
St = Distancia inclinada corregida
h = Angulo medio

Considerando que el error de cierre vertical está dado por la suma de desniveles positivo y negativo que en una poligonal cerrada debe ser igual a cero. Este error de cierre vertical debe ser compensado:

- Distribuyéndose la corrección proporcional a las longitudes de los lados de la poligonal.

- Calculo de coordenadas planas U.T.M. de las poligonales básicas

Con los azimuts planos o de cuadricula realizados los ajustes por cierre azimutal y hechas las correcciones necesarias a los ángulos observados y a las distancias horizontales se transformaron los valores planos procediéndose luego al cálculo de las coordenadas planas mediante la fórmula:

$$DN = d \cos ac$$
$$DE = d \operatorname{sen} ac$$

Dónde:

ac = Es el azimut plano o de cuadricula
D =distancia cuadricula
DN= Incremento o desplazamiento del Norte
DE= Incremento o desplazamiento del Este

Estos valores se añaden a las coordenadas de un vértice para encontrar la del vértice siguiente y así sucesivamente hasta completar la poligonal.

Al comparar las coordenadas fijas del vértice de partida con las calculadas, se encuentran una diferencia tanto en ordenadas (norte) como en las abscisas (este). Esta diferencia es el error de cierre de posición o error de cierre lineal cuyo valor es:

$$Ep = \{(En)2 + (eE)2\}1/2$$

Dónde:

eN= Incremento o desplazamiento del Norte
eE= Incremento o desplazamiento del Este

Compensación: Debido al error de cierre lineal, las coordenadas calculadas deben corregirse mediante una compensación, que consiste en distribuir ese error proporcionalmente a la longitud de cada lado.

Se usó la siguiente formula:

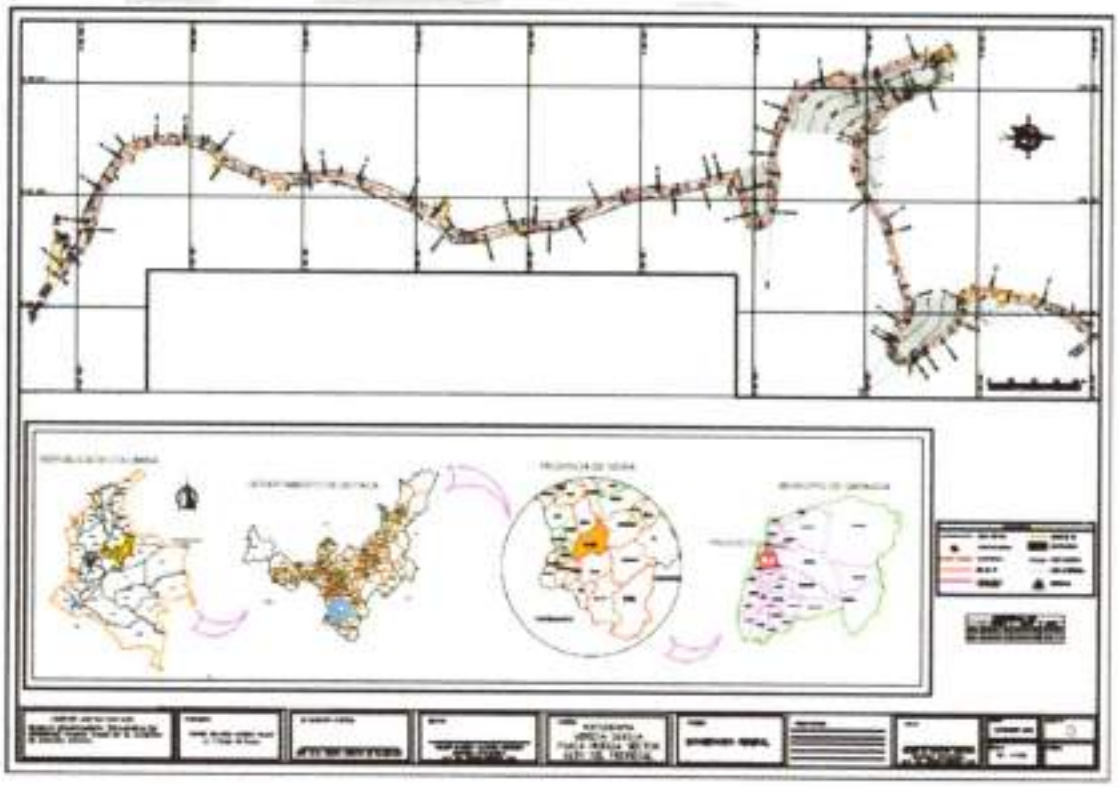
$$C = d/Sd \times eN \text{ o } eE$$

Dónde:

D= Distancia de un lado
Sd= Suma de las distancias o longitud poligonal
eN= Incremento o desplazamiento del Norte
eE= Incremento o desplazamiento del Este

En el anexo 1 se presenta el cuadro de la poligonal cerrada realizada con su respectivo ajuste.

Planos: Concluidos los cálculos se procedió a realzar el ajuste de los puntos radiados desde los diferentes deltas materializados, se procede a digitalizar y unir mediante líneas los diferentes detalles que permitirán la adecuada representación de las condiciones de terreno, se han utilizado 2165 puntos de radiación.



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CONCLUSIONES Y RECOMENDACIONES

- contar con equipos debidamente calibrados para realizar la localización y replanteo del proyecto.
- verificar los puntos de la poligonal para el respectivo replanteo planimétrico y altimétrico del proyecto.
- En caso de encontrar alguna diferencia en terreno, informar de inmediato al profesional correspondiente con el fin de realizar la respectiva verificación.
- La georreferenciación del presente proyecto se realizo mediante posicionamiento estático diferencial realizando ajuste con las bases permanente GARA y TUNA , utilizando los tiempos de rastreos estipulados dentro de los procedimientos del IGAC, este proyecto se trabajará con el sistema de coordenadas planas de Gauss Kruger, origen Magna CENTRO, el cual maneja el elipsoide de referencia WGS-84, realizando su respectiva transformación a coordenadas planas.

Coordenadas Elipsoidal	Coordenadas Planas Gauss - Krueger - Origen Central (Época 2025.83)		
ID	Norte	Este	Altura
GARA			
GPS-1	1055844.185	1079241.063	1648.992
GPS-2	1055086.801	1079138.299	1529.443
TUNA			

Cordialmente;

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ANEXO

CARTERA TOPOGRAFICA

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DEPARTAMENTO DE BOYACA

MUNICIPIO DE GARAGOA

CONTRATO AMG-MC-049-2025

REALIZAR LEVANTAMIENTO TOPOGRAFICO EN DIFERENTES TRAMOS VIALES EN EL MUNICIPIO DE GARAGOA BOYACA

CARTERA TOPOGRAFICA

		AZIMUT			ANG. VERT.								PROYECCIONES				COORDENADAS			
DA	PTO	GRA	MIM	SEG	GRA	MIM	SEG	DIST INC.	DIST VER.	DIST. HZ	HINS	HPR.	NORTE	SUR	ESTE	OESTE	NORTE	ESTE	COTA	OBS
1	1																1055088.219	1079157.953	1530.124	DTA
1	2	118	6	51	89	41	29	70.163	0.378	70.162	1.473	1.650	0.000	33.062	61.884	0.000	1055055.157	1079219.837	1530.325	DTA
1	3	265	52	38	91	27	55	19.711	-0.504	19.705	1.473	1.650	0.000	1.419	0.000	19.653	1055086.800	1079138.300	1529.443	DTA
1	4	320	31	11	85	42	12	32.172	2.410	32.082	1.473	1.650	24.762	0.000	0.000	20.398	1055112.981	1079137.555	1532.357	DTA
1	1000	116	48	4	92	53	16	38.012	-1.935	37.964	1.473	1.650	0.000	17.118	33.886	0.000	1055071.101	1079191.839	1528.032	PUENTE
1	1001	124	45	35	93	1	19	38.157	-2.012	38.104	1.473	1.650	0.000	23.725	31.304	0.000	1055066.494	1079189.257	1527.935	PUENTE
1	1002	127	16	45	94	18	13	26.053	-1.956	25.990	1.473	1.650	0.000	15.742	20.680	0.000	1055072.477	1079178.633	1527.991	PUENTE
1	1003	116	18	39	94	12	47	25.899	-1.903	25.829	1.473	1.650	0.000	11.448	23.153	0.000	1055076.771	1079181.106	1528.044	PUENTE
1	1004	116	30	25	94	23	52	23.749	-1.821	23.679	1.473	1.650	0.000	10.568	21.190	0.000	1055077.651	1079179.143	1528.126	BVIA
1	1005	122	37	5	94	39	56	24.235	-1.971	24.155	1.473	1.650	0.000	13.070	20.345	0.000	1055075.199	1079178.298	1527.976	EJE
1	1006	128	2	11	94	32	0	24.853	-1.964	24.775	1.473	1.650	0.000	15.266	19.513	0.000	1055072.953	1079177.466	1527.983	BVIA
1	1007	137	51	43	94	58	54	19.777	-1.717	19.702	1.473	1.650	0.000	14.610	13.219	0.000	1055073.609	1079171.172	1528.230	CRK
1	1008	137	13	41	95	45	54	19.594	-1.968	19.495	1.473	1.650	0.000	14.310	13.239	0.000	1055073.909	1079171.192	1527.979	FCUN
1	1009	135	38	29	95	31	39	19.201	-1.850	19.112	1.473	1.650	0.000	13.665	13.362	0.000	1055074.554	1079171.315	1528.097	BVIA
1	1010	127	5	1	95	50	30	18.051	-1.837	17.957	1.473	1.650	0.000	10.828	14.325	0.000	1055077.391	1079172.278	1528.110	EJE
1	1011	118	6	37	95	29	29	17.125	-1.639	17.046	1.473	1.650	0.000	8.032	15.096	0.000	1055080.187	1079172.989	1528.308	BVIA
1	1012	129	3	24	98	30	12	9.342	-1.381	9.239	1.473	1.650	0.000	5.822	7.175	0.000	1055082.397	1079165.128	1528.566	BVIA
1	1013	145	21	38	97	13	9	11.486	-1.443	11.395	1.473	1.650	0.000	9.375	6.477	0.000	1055078.844	1079164.430	1528.504	EJE
1	1014	154	39	28	98	24	36	13.669	-1.526	13.584	1.473	1.650	0.000	12.276	5.814	0.000	1055075.943	1079163.767	1528.421	BVIA
1	1015	155	38	10	96	48	48	14.308	-1.697	14.207	1.473	1.650	0.000	12.942	5.861	0.000	1055075.277	1079163.814	1528.250	FCUN
1	1016	156	9	39	96	5	49	14.566	-1.547	14.484	1.473	1.650	0.000	13.248	5.854	0.000	1055074.971	1079163.807	1528.400	CRK
1	1017	191	19	55	96	7	29	12.114	-1.293	12.045	1.473	1.650	0.000	11.810	0.000	2.367	1055076.409	1079155.586	1528.655	CRK
1	1018	191	26	43	96	39	26	11.807	-1.369	11.727	1.473	1.650	0.000	11.494	0.000	2.527	1055076.725	1079155.626	1528.578	FCUN
1	1019	191	4	11	96	13	26	11.062	-1.199	10.997	1.473	1.650	0.000	10.792	0.000	2.111	1055077.427	1079155.842	1528.748	BVIA
1	1020	190	47	30	98	10	49	7.868	-1.122	7.808	1.473	1.650	0.000	7.670	0.000	1.462	1055080.549	1079156.491	1528.825	EJE

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POSICIONAMIENTO Y LEVANTAMIENTO TOPOGRAFICO

CONTRATO AMG-MC-049-2025: "REALIZAR LEVANTAMIENTO TOPOGRAFICO EN DIFERENTES TRAMOS VIALES EN EL MUNICIPIO DE GARAGOA BOYACA". **VEREDA QUIGUA SECTOR ALTO DEL PEDREGAL**

1	1021	192	46	59	104	12	37	4.762	-1.169	4.616	1.473	1.650	0.000	4.502	0.000	1.021	1055083.717	1079156.982	1528.778	BVIA
1	1022	196	21	2	109	0	44	4.043	-1.317	3.822	1.473	1.650	0.000	5.668	0.000	1.076	1055084.551	1079156.877	1528.630	FCUN
1	1023	256	35	14	95	44	10	9.997	-0.999	9.947	1.473	1.650	0.000	2.107	0.000	9.676	1055085.912	1079148.277	1528.948	FCUN
1	1024	252	35	29	94	36	48	10.338	-0.833	10.304	1.473	1.650	0.000	3.083	0.000	9.832	1055085.136	1079148.121	1529.116	BVIA
1	1025	239	0	41	93	48	28	12.017	-0.798	11.991	1.473	1.650	0.000	6.173	0.000	10.279	1055082.046	1079147.674	1528.149	EJE
1	1026	230	49	53	93	19	6	14.775	-0.855	14.750	1.473	1.650	0.000	9.316	0.000	11.436	1055078.903	1079146.517	1529.092	BVIA
1	1027	229	45	58	93	40	38	15.265	-0.979	15.234	1.473	1.650	0.000	9.839	0.000	11.630	1055078.380	1079146.323	1528.968	FCUN
1	1028	224	46	51	94	12	24	14.949	-1.097	14.909	1.473	1.650	0.000	10.582	0.000	10.502	1055077.637	1079147.451	1528.850	CRK
1	1029	245	39	14	92	34	40	22.007	-0.990	21.985	1.473	1.650	0.000	9.063	0.000	20.030	1055079.156	1079137.923	1528.957	CRK
1	1030	246	53	45	91	53	20	21.703	-0.715	21.691	1.473	1.650	0.000	8.512	0.000	19.951	1055079.707	1079138.002	1529.232	FCUN
1	1031	248	21	37	91	34	6	21.432	-0.587	21.424	1.473	1.650	0.000	7.900	0.000	19.914	1055080.319	1079138.039	1529.360	BVIA
1	1032	255	53	50	93	20	42	19.549	-0.459	19.544	1.473	1.650	0.000	4.762	0.000	18.955	1055083.457	1079138.998	1529.488	EJE
1	1033	264	28	48	91	42	23	18.250	-0.543	18.242	1.473	1.650	0.000	1.755	0.000	18.157	1055086.464	1079139.796	1529.404	BVIA
1	1034	267	0	31	92	11	19	18.125	-0.692	18.112	1.473	1.650	0.000	0.945	0.000	18.087	1055087.274	1079139.866	1529.255	FCUN
1	1035	109	24	52	93	35	24	20.476	-1.282	20.436	1.473	1.650	0.000	6.793	19.274	0.000	1055081.426	1079177.227	1528.665	TOP
1	1036	111	7	1	93	54	52	20.406	-1.393	20.358	1.473	1.650	0.000	7.335	18.991	0.000	1055080.884	1079176.944	1528.554	TOP
1	1037	112	54	38	95	8	28	20.468	-1.834	20.386	1.473	1.650	0.000	7.935	18.778	0.000	1055080.284	1079176.731	1528.113	TOP
1	1038	115	23	48	94	44	6	20.367	-1.681	20.298	1.473	1.650	0.000	8.705	18.336	0.000	1055079.514	1079176.289	1528.266	BVIA
1	1039	119	4	4	96	22	0	14.219	-1.577	14.131	1.473	1.650	0.000	6.866	12.351	0.000	1055081.353	1079170.304	1528.370	EJE
1	1040	125	37	14	97	46	40	9.588	-1.298	9.500	1.473	1.650	0.000	5.533	7.722	0.000	1055082.686	1079163.675	1528.649	BVIA
1	1041	112	25	37	96	59	9	9.984	-1.214	9.910	1.473	1.650	0.000	3.781	9.160	0.000	1055084.438	1079167.113	1528.733	EJE
1	1042	103	56	55	96	15	25	10.757	-1.172	10.693	1.473	1.650	0.000	2.578	10.378	0.000	1055085.641	1079168.331	1528.775	BVIA
1	1043	101	11	37	96	45	53	11.026	-1.299	10.949	1.473	1.650	0.000	2.126	10.741	0.000	1055086.093	1079168.694	1528.648	TOP
1	1044	95	30	22	88	23	9	11.379	0.321	11.374	1.473	1.650	0.000	1.091	11.322	0.000	1055087.128	1079169.275	1530.268	TOP
1	1045	88	35	3	87	5	5	12.309	0.626	12.293	1.473	1.650	0.304	0.000	12.289	0.000	1055088.523	1079170.242	1530.573	CRK
1	1046	99	9	9	92	24	31	17.979	-0.756	17.963	1.473	1.650	0.000	2.857	17.734	0.000	1055085.362	1079175.687	1529.191	CONST
1	1047	100	31	11	92	55	20	17.145	-0.874	17.123	1.473	1.650	0.000	3.126	16.835	0.000	1055085.093	1079174.788	1529.073	CONST
1	1048	102	12	59	93	7	19	16.212	-0.883	16.188	1.473	1.650	0.000	3.425	15.821	0.000	1055084.794	1079173.774	1529.064	CONST
1	1049	102	39	8	92	28	35	15.322	-0.662	15.308	1.473	1.650	0.000	3.353	14.936	0.000	1055084.866	1079172.889	1529.285	CONST
1	1050	99	22	4	90	22	37	15.028	-0.099	15.028	1.473	1.650	0.000	2.446	14.827	0.000	1055085.775	1079172.780	1529.848	CONST
1	1051	109	18	16	93	59	59	15.784	-1.101	15.746	1.473	1.650	0.000	5.205	14.860	0.000	1055083.014	1079172.813	1528.846	CONST
1	1052	110	23	1	93	44	27	16.910	-1.103	16.874	1.473	1.650	0.000	5.868	15.871	0.000	1055082.351	1079173.774	1528.844	CONST
1	1053	111	27	23	95	37	4	16.860	-1.650	16.779	1.473	1.650	0.000	6.138	15.616	0.000	1055082.081	1079173.569	1528.297	TOP
1	1054	110	12	41	96	2	58	15.687	-1.653	15.600	1.473	1.650	0.000	5.390	14.639	0.000	1055082.829	1079172.592	1528.294	TOP
1	1055	112	49	35	95	42	12	16.074	-1.597	15.994	1.473	1.650	0.000	6.205	14.742	0.000	1055082.014	1079172.695	1528.350	BVIA
1	1056	132	17	14	98	20	44	6.232	-0.687	6.174	1.473	1.650	0.000	4.354	4.567	0.000	1055084.065	1079162.520	1529.260	PLZ
1	1057	121	58	27	97	10	13	6.322	-0.789	6.273	1.473	1.650	0.000	3.322	5.321	0.000	1055084.897	1079163.274	1529.158	BVIA
1	1058	123	42	29	95	47	57	3.649	-0.369	3.630	1.473	1.650	0.000	2.015	3.020	0.000	1055086.204	1079160.973	1529.578	BVIA
1	1059	140	25	13	93	46	8	4.106	-0.270	4.097	1.473	1.650	0.000	3.358	2.610	0.000	1055085.061	1079160.563	1529.677	TOP
1	1060	239	46	45	85	9	8	3.886	0.528	3.872	1.473	1.650	0.000	1.949	0.000	3.348	1055086.270	1079154.607	1530.275	TOP

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POSICIONAMIENTO Y LEVANTAMIENTO TOPOGRAFICO

CONTRATO AMG-MC-049-2025: "REALIZAR LEVANTAMIENTO TOPOGRAFICO EN DIFERENTES TRAMOS VIALES EN EL MUNICIPIO DE GARAGOA BOYACA". **VEREDA QUIGUA SECTOR ALTO DEL PEDREGAL**

1	1061	310	45	49	81	4	23	2.235	0.347	2.208	1.473	1.650	1.442	0.000	0.000	1.672	1055089.661	1079156.281	1530.294	BVIA
1	1062	4	28	35	87	20	49	3.515	0.163	3.511	1.473	1.650	3.500	0.000	0.274	0.000	1055091.719	1079158.227	1530.110	EJE
1	1063	16	16	45	89	13	18	5.110	0.069	5.110	1.473	1.650	4.905	0.000	1.432	0.000	1055093.124	1079159.385	1530.016	BVIA
1	1064	20	33	42	91	45	13	5.859	-0.379	5.856	1.473	1.650	5.483	0.000	2.057	0.000	1055093.702	1079160.010	1529.768	TOP
1	1065	24	58	19	79	49	23	7.416	1.310	7.299	1.473	1.650	6.617	0.000	3.082	0.000	1055094.836	1079161.035	1531.257	CRK
1	1066	26	19	43	79	15	53	8.186	1.525	8.043	1.473	1.650	7.208	0.000	3.567	0.000	1055095.427	1079161.520	1531.472	TOP
1	1067	71	19	32	97	9	29	6.214	-0.774	6.166	1.473	1.650	1.974	0.000	5.841	0.000	1055090.193	1079163.794	1529.173	TOP
1	1068	64	31	52	89	15	11	7.763	0.101	7.762	1.473	0.050	3.338	0.000	7.008	0.000	1055091.557	1079164.961	1531.648	TOP
1	1069	74	56	29	96	6	11	5.619	-0.597	5.587	1.473	1.650	1.452	0.000	5.395	0.000	1055089.671	1079163.348	1529.350	BVIA
1	1070	352	43	48	80	21	30	12.431	2.082	12.255	1.473	1.650	12.157	0.000	0.000	1.551	1055100.876	1079158.402	1532.029	TOP
1	1071	350	47	41	81	5	24	12.017	1.861	11.872	1.473	1.650	11.719	0.000	0.000	1.899	1055099.938	1079156.054	1531.808	CRK
1	1072	345	20	24	87	37	8	11.345	0.471	11.335	1.473	1.650	10.966	0.000	0.000	2.869	1055099.185	1079155.084	1530.418	TOP
1	1073	340	49	10	86	20	42	10.972	0.699	10.950	1.473	1.650	10.342	0.000	0.000	3.597	1055098.561	1079154.356	1530.646	BVIA
1	1074	329	36	0	85	45	26	10.142	0.750	10.114	1.473	1.650	8.724	0.000	0.000	5.118	1055096.943	1079152.835	1530.697	EJE
1	1075	316	37	22	85	21	52	9.715	0.785	9.683	1.473	1.650	7.038	0.000	0.000	6.850	1055095.257	1079151.303	1530.732	BVIA
1	1076	310	15	17	86	26	48	12.090	0.784	12.065	1.473	1.650	7.796	0.000	0.000	9.207	1055096.015	1079148.746	1530.731	CONST
1	1077	290	18	49	88	6	18	12.439	0.413	12.432	1.473	1.650	4.316	0.000	0.000	11.659	1055092.535	1079146.294	1530.358	CONST
1	1078	272	4	23	90	29	36	14.327	-0.123	14.327	1.473	1.650	0.518	0.000	0.000	14.317	1055088.737	1079143.636	1529.824	CONST
1	1079	267	22	44	90	59	52	14.617	-0.255	14.615	1.473	1.650	0.000	0.668	0.000	14.599	1055087.551	1079143.354	1529.692	TOP
1	1080	263	59	49	88	6	7	9.109	0.302	9.104	1.473	1.650	0.000	0.952	0.000	9.054	1055087.267	1079148.899	1530.249	TOP
1	1081	312	3	58	86	53	33	16.564	0.899	16.540	1.473	1.650	11.081	0.000	0.000	12.278	1055099.300	1079145.675	1530.847	TOP
1	1082	317	17	48	86	12	25	16.837	1.114	16.800	1.473	1.650	12.346	0.000	0.000	11.394	1055100.565	1079146.559	1531.061	BVIA
1	1083	325	4	40	86	38	41	17.174	1.115	17.138	1.473	1.650	14.052	0.000	0.000	9.811	1055102.271	1079148.142	1531.062	EJE
1	1084	330	48	28	86	28	45	17.741	1.090	17.708	1.473	1.650	15.458	0.000	0.000	8.637	1055103.677	1079149.316	1531.037	BVIA
1	1085	333	26	55	87	7	0	17.992	0.905	17.969	1.473	1.650	16.074	0.000	0.000	8.032	1055104.293	1079149.921	1530.853	TOP
1	1086	336	5	59	85	25	53	18.516	1.475	18.457	1.473	1.650	16.874	0.000	0.000	7.478	1055105.093	1079150.475	1531.422	CRK
1	1087	337	43	17	85	1	13	18.667	1.620	18.597	1.473	1.650	17.208	0.000	0.000	7.090	1055105.427	1079150.903	1531.567	TOP
4	1	140	31	11	93	35	59	32.145	-3.018	32.082	1.435	1.650	0.000	24.762	20.398	0.000	1055088.219	1079157.953	1530.124	DTA
4	3	271	25	51	84	2	25	33.722	3.501	33.540	1.435	1.650	0.838	0.000	0.000	33.529	1055113.819	1079104.026	1535.644	DTA
4	1088	154	30	0	95	35	8	15.048	-1.465	14.977	1.435	1.650	0.000	13.518	6.448	0.000	1055099.463	1079144.003	1530.678	CONST
4	1089	168	20	5	95	9	8	11.515	-1.034	11.469	1.435	1.650	0.000	11.225	2.951	0.000	1055101.756	1079139.907	1531.108	CRK
4	1090	157	35	35	95	11	20	9.396	-0.850	9.358	1.435	1.650	0.000	8.630	3.617	0.000	1055104.351	1079141.172	1531.293	BVIA
4	1091	142	8	28	95	0	59	7.702	-0.673	7.672	1.435	1.650	0.000	6.058	4.709	0.000	1055106.923	1079142.264	1531.469	EJE
4	1092	127	37	27	94	33	2	7.135	-0.525	7.116	1.435	1.650	0.000	4.344	5.636	0.000	1055108.637	1079143.191	1531.618	BVIA
4	1093	120	23	52	93	24	14	7.218	-0.680	7.186	1.435	1.650	0.000	3.636	6.198	0.000	1055109.945	1079143.753	1531.463	TOP
4	1094	114	44	33	91	7	6	7.352	-0.143	7.351	1.435	1.650	0.000	3.077	6.676	0.000	1055109.905	1079144.231	1531.999	CRK
4	1095	109	55	35	86	33	40	7.421	0.488	7.405	1.435	1.650	0.000	2.524	6.962	0.000	1055110.457	1079144.517	1532.631	TOP
4	1096	78	4	25	87	30	36	2.067	0.090	2.065	1.435	1.650	0.427	0.000	2.020	0.000	1055113.408	1079139.576	1532.232	TOP
4	1097	98	53	51	88	11	18	1.705	0.054	1.704	1.435	1.650	0.000	0.264	1.684	0.000	1055112.718	1079139.239	1532.196	CRK
4	1098	136	54	59	99	48	28	1.801	-0.307	1.775	1.435	1.650	0.000	1.296	1.212	0.000	1055111.685	1079138.767	1531.806	TOP

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4	1099	140	10	2	54	6	40	2.141	-0.154	2.136	1.435	1.650	0.000	1.834	1.095	0.000	1055111.147	1079138.650	1531.989	BVIA
4	1100	178	32	17	93	0	22	4.052	-0.212	4.046	1.435	1.650	0.000	4.045	0.103	0.000	1055108.936	1079137.658	1531.930	EJE
4	1101	186	3	55	92	36	8	6.074	-0.276	6.068	1.435	1.650	0.000	6.034	0.000	0.641	1055106.947	1079136.914	1531.867	BVIA
4	1102	186	8	43	92	44	32	6.352	-0.304	6.345	1.435	1.650	0.000	6.308	0.000	0.679	1055106.673	1079136.876	1531.838	TOP
4	1103	187	38	16	91	20	21	7.277	-0.803	7.233	1.435	1.650	0.000	7.168	0.000	0.961	1055105.813	1079136.594	1531.839	TOP
4	1104	189	29	3	95	17	38	10.954	-1.011	10.907	1.435	1.650	0.000	10.758	0.000	1.797	1055102.221	1079135.758	1531.133	CRK
4	1105	207	39	24	93	45	37	11.446	-0.751	11.421	1.435	1.650	0.000	10.116	0.000	5.302	1055102.865	1079132.254	1531.392	ENTRD
4	1106	214	56	50	93	49	42	8.312	-0.555	8.294	1.435	1.650	0.000	6.798	0.000	4.751	1055106.183	1079132.804	1531.587	ENTRD
4	1107	216	30	21	88	53	31	8.032	0.155	8.031	1.435	1.650	0.000	6.483	0.000	4.740	1055106.499	1079132.815	1532.298	CONST
4	1108	220	29	15	86	51	27	7.361	0.404	7.350	1.435	1.650	0.000	5.590	0.000	4.772	1055107.391	1079132.783	1532.546	TOP
4	1109	222	2	52	87	35	18	7.118	0.300	7.112	1.435	1.650	0.000	5.281	0.000	4.763	1055107.700	1079132.792	1532.442	BVIA
4	1110	236	39	8	86	11	47	5.522	0.366	5.510	1.435	1.650	0.000	3.029	0.000	4.603	1055109.952	1079132.953	1532.509	EJE
4	1111	253	36	19	84	45	19	4.527	0.414	4.508	1.435	1.650	0.000	1.272	0.000	4.325	1055111.709	1079133.230	1532.556	BVIA
4	1112	264	52	50	87	11	17	4.501	0.221	4.496	1.435	1.650	0.000	0.401	0.000	4.478	1055112.580	1079133.078	1532.363	TOP
4	1113	277	12	32	80	56	13	4.616	0.727	4.558	1.435	1.650	0.573	0.000	0.000	4.527	1055113.553	1079133.033	1532.869	CRK
4	1114	286	13	26	76	23	10	4.147	0.976	4.030	1.435	1.650	1.126	0.000	0.000	3.870	1055114.107	1079133.685	1533.118	TOP
4	1115	279	48	30	79	5	12	11.864	2.246	11.649	1.435	1.650	1.978	0.000	0.000	11.480	1055114.959	1079126.075	1534.388	TOP
4	1116	276	19	28	80	32	27	11.815	1.942	11.654	1.435	1.650	1.284	0.000	0.000	11.583	1055114.265	1079125.972	1534.084	CRK
4	1117	269	57	29	84	54	7	11.892	1.057	11.845	1.435	1.650	0.000	0.009	0.000	11.845	1055112.972	1079125.710	1533.190	TOP
4	1118	265	44	42	83	43	58	12.126	1.324	12.054	1.435	1.650	0.000	0.894	0.000	12.020	1055112.087	1079125.535	1533.466	BVIA
4	1119	258	1	41	83	55	45	12.456	1.317	12.386	1.435	1.650	0.000	2.569	0.000	12.117	1055110.412	1079125.438	1533.460	EJE
4	1120	249	50	27	84	24	33	13.298	1.296	13.235	1.435	1.650	0.000	4.561	0.000	12.424	1055108.420	1079125.131	1533.438	BVIA
4	1121	247	0	40	84	36	9	13.231	1.245	13.172	1.435	1.650	0.000	5.144	0.000	12.126	1055107.837	1079125.429	1533.387	TOP
4	1122	241	9	24	88	54	28	14.283	0.272	14.280	1.435	1.650	0.000	6.889	0.000	12.509	1055106.092	1079125.046	1532.415	CONST
4	1123	250	58	52	87	42	25	22.690	0.908	22.672	1.435	1.650	0.000	7.388	0.000	21.434	1055105.593	1079116.121	1533.050	CONST
4	1124	255	48	40	83	13	30	21.591	2.547	21.440	1.435	1.650	0.000	5.255	0.000	20.786	1055107.726	1079116.769	1534.689	TOP
4	1125	259	0	32	82	19	40	21.282	2.841	21.091	1.435	1.650	0.000	4.021	0.000	20.705	1055108.960	1079116.851	1534.984	TOP
4	1126	260	18	21	83	3	33	21.182	2.560	21.027	1.435	1.650	0.000	3.541	0.000	20.727	1055109.440	1079116.829	1534.702	BVIA
4	1127	264	48	4	83	16	51	20.791	2.433	20.648	1.435	1.650	0.000	1.871	0.000	20.563	1055111.110	1079116.992	1534.575	EJE
4	1128	269	29	13	83	23	28	20.632	2.375	20.495	1.435	1.650	0.000	0.184	0.000	20.494	1055112.798	1079117.061	1534.517	BVIA
4	1129	272	14	38	84	23	12	20.686	2.023	20.587	1.435	1.650	0.806	0.000	0.000	20.571	1055113.787	1079116.984	1534.166	TOP
4	1130	277	2	51	79	5	24	21.046	3.983	20.686	1.435	1.650	2.536	0.000	0.000	20.509	1055115.517	1079117.046	1536.126	CRK
5	4	91	25	52	95	18	23	33.684	-3.315	33.580	1.479	1.650	0.000	0.838	33.529	0.000	1055112.981	1079137.555	1532.357	DTA
5	6	306	46	10	81	26	18	65.155	9.700	64.429	1.479	1.650	38.567	0.000	0.000	51.811	1055152.386	1079052.415	1545.172	DTA
5	1131	78	15	40	85	4	22	12.754	1.095	12.707	1.479	1.650	2.585	0.000	12.441	0.000	1055116.404	1079116.467	1536.568	TOP
5	1132	62	21	55	73	51	58	12.632	3.505	12.115	1.479	1.650	5.619	0.000	10.735	0.000	1055119.438	1079114.759	1538.977	TOP
5	1133	61	42	25	72	23	52	12.093	3.657	11.527	1.479	1.650	5.463	0.000	10.150	0.000	1055119.282	1079114.176	1539.130	CRK
5	1134	51	12	1	66	34	26	10.644	4.232	9.767	1.479	1.650	6.120	0.000	7.612	0.000	1055119.939	1079111.638	1539.704	TOP
5	1135	52	42	22	60	24	52	10.093	4.038	9.250	1.479	1.650	5.605	0.000	7.359	0.000	1055119.423	1079111.385	1539.511	CRK
5	1136	13	17	17	63	48	5	8.420	3.717	7.555	1.479	1.650	7.353	0.000	1.736	0.000	1055121.172	1079105.762	1539.190	CRK

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5	1137	13	21	23	64	31	6	9.062	3.899	8.181	1.479	1.650	7.959	0.000	1.890	0.000	1055121.778	1079105.916	1539.371	TOP
5	1138	48	18	9	81	25	51	5.890	0.878	5.824	1.479	1.650	3.874	0.000	4.349	0.000	1055117.693	1079108.375	1536.350	TOP
5	1139	52	30	16	90	24	41	4.789	-0.034	4.789	1.479	1.650	2.915	0.000	3.800	0.000	1055116.734	1079107.825	1535.438	TOP
5	1140	58	47	39	89	11	18	4.272	0.060	4.272	1.479	1.650	2.339	0.000	3.374	0.000	1055116.158	1079107.600	1535.533	BVIA
5	1141	76	13	18	88	37	31	2.864	0.069	2.863	1.479	1.650	0.682	0.000	2.781	0.000	1055114.501	1079106.807	1535.541	EJE
5	1142	117	25	29	90	15	1	2.128	-0.009	2.128	1.479	1.650	0.000	0.980	1.889	0.000	1055112.839	1079105.935	1535.463	BVIA
5	1143	130	46	33	85	59	40	2.272	0.159	2.266	1.479	1.650	0.000	1.480	1.716	0.000	1055112.339	1079105.742	1535.631	TOP
5	1144	155	31	26	86	38	14	3.045	0.179	3.040	1.479	1.650	0.000	2.767	1.259	0.000	1055111.652	1079105.285	1535.651	CONST
5	1145	173	21	2	86	31	37	4.353	0.264	4.345	1.479	1.650	0.254	0.000	0.000	4.338	1055114.073	1079099.688	1535.736	CONST
5	1146	287	59	18	81	41	48	4.294	0.620	4.249	1.479	1.650	1.312	0.000	0.000	4.041	1055115.131	1079099.985	1536.093	TOP
5	1147	297	22	18	83	14	24	4.274	0.503	4.244	1.479	1.650	1.951	0.000	0.000	3.769	1055115.770	1079100.257	1535.976	BVIA
5	1148	326	24	59	84	49	45	4.870	0.439	4.850	1.479	1.650	4.041	0.000	0.000	2.683	1055117.859	1079101.343	1535.911	EJE
5	1149	341	3	9	84	44	9	5.865	0.538	5.840	1.479	1.650	5.524	0.000	0.000	1.896	1055119.343	1079102.130	1536.011	BVIA
5	1150	346	59	7	86	7	7	6.447	0.636	6.432	1.479	1.650	6.267	0.000	0.000	1.449	1055120.086	1079102.577	1535.909	TOP
5	1151	352	35	57	80	56	38	7.223	1.137	7.133	1.479	1.650	7.074	0.000	0.000	0.919	1055120.892	1079103.107	1536.609	TOP
5	1152	335	7	31	80	2	56	9.969	1.723	9.819	1.479	1.650	8.908	0.000	0.000	4.130	1055122.727	1079099.896	1537.195	CRK
5	1153	327	39	50	78	47	34	13.733	2.669	13.471	1.479	1.650	11.382	0.000	0.000	7.206	1055125.201	1079096.820	1538.142	TOP
5	1154	325	31	50	80	3	45	13.312	2.297	13.112	1.479	1.650	10.810	0.000	0.000	7.421	1055124.629	1079096.605	1537.770	CRK
5	1155	318	24	38	85	59	44	12.685	0.686	12.654	1.479	1.650	9.464	0.000	0.000	8.400	1055123.283	1079095.626	1536.358	TOP
5	1156	315	9	38	85	6	28	12.521	1.068	12.475	1.479	1.650	8.846	0.000	0.000	8.797	1055122.665	1079095.229	1536.540	BVIA
5	1157	306	54	11	84	51	7	12.380	1.111	12.330	1.479	1.650	7.404	0.000	0.000	9.860	1055121.223	1079094.166	1536.583	EJE
5	1158	298	25	39	84	43	23	12.534	1.153	12.481	1.479	1.650	5.941	0.000	0.000	10.976	1055119.760	1079093.050	1536.625	BVIA
5	1159	289	11	44	91	16	8	12.619	-0.280	12.616	1.479	1.650	4.148	0.000	0.000	11.914	1055117.967	1079092.111	1535.193	CONST
5	1160	290	57	48	82	5	18	17.043	2.346	16.881	1.479	3.800	6.039	0.000	0.000	15.763	1055119.858	1079088.263	1535.668	CONST
5	1161	297	36	8	83	44	52	17.390	1.894	17.287	1.479	1.650	8.009	0.000	0.000	15.319	1055121.828	1079088.707	1537.366	TOP
5	1162	299	14	24	84	15	28	17.449	1.746	17.361	1.479	1.650	8.481	0.000	0.000	15.149	1055122.299	1079088.877	1537.218	BVIA
5	1163	305	52	10	84	21	14	17.599	1.731	17.514	1.479	1.650	10.262	0.000	0.000	14.192	1055124.081	1079089.834	1537.204	EJE
5	1164	310	31	17	84	32	48	17.850	1.696	17.769	1.479	1.650	11.545	0.000	0.000	13.508	1055125.364	1079090.518	1537.169	BVIA
5	1165	313	5	53	89	24	12	18.041	1.446	17.983	1.479	1.650	12.287	0.000	0.000	13.133	1055126.106	1079090.895	1536.918	TOP
5	1166	315	47	48	82	40	9	19.237	2.455	19.080	1.479	1.650	13.678	0.000	0.000	13.303	1055127.496	1079090.723	1537.927	CRK
5	1167	317	8	32	81	28	39	19.786	2.931	19.562	1.479	1.650	14.340	0.000	0.000	13.305	1055128.158	1079090.721	1538.404	TOP
5	1168	313	45	19	81	41	51	25.415	3.670	25.148	1.479	1.650	17.392	0.000	0.000	18.165	1055131.211	1079085.861	1539.142	TOP
5	1169	312	19	2	82	56	24	25.338	3.114	25.146	1.479	1.650	16.929	0.000	0.000	18.594	1055130.748	1079085.432	1538.587	CRK
5	1170	308	59	33	84	17	24	25.026	2.490	24.902	1.479	1.650	15.669	0.000	0.000	19.354	1055129.488	1079084.672	1537.962	TOP
5	1171	307	24	29	83	37	29	25.059	2.782	24.904	1.479	1.650	15.129	0.000	0.000	19.782	1055128.948	1079084.244	1538.255	BVIA
5	1172	303	40	54	83	20	30	25.119	2.869	24.955	1.479	1.650	13.839	0.000	0.000	20.765	1055127.658	1079083.280	1538.341	EJE
5	1173	299	59	46	83	24	1	25.067	2.881	24.901	1.479	1.650	12.449	0.000	0.000	21.506	1055126.268	1079082.460	1538.353	BVIA
5	1174	298	18	3	82	42	6	25.149	3.195	24.945	1.479	1.650	11.827	0.000	0.000	21.964	1055125.645	1079082.062	1538.667	TOP
5	1175	295	30	7	84	42	43	28.664	2.640	28.522	1.479	1.650	12.130	0.000	0.000	25.814	1055125.949	1079078.212	1538.112	CONST
5	1176	297	44	13	83	44	2	20.014	2.184	19.894	1.479	1.650	9.259	0.000	0.000	17.608	1055123.078	1079086.418	1537.657	PGAS

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5	1177	296	31	17	83	30	59	33.874	3.825	33.657	1.479	1.650	15.029	0.000	0.000	30.115	1055128.848	1079073.910	1539.298	CONST
5	1178	299	12	54	81	49	40	33.671	4.786	33.329	1.479	1.650	16.268	0.000	0.000	29.089	1055130.086	1079074.937	1540.259	TOP
5	1179	300	16	15	82	26	23	33.577	4.418	33.285	1.479	1.650	16.779	0.000	0.000	28.747	1055130.588	1079075.279	1539.890	BVIA
5	1180	303	47	43	82	25	18	33.535	4.422	33.242	1.479	1.650	18.490	0.000	0.000	27.625	1055132.309	1079076.401	1539.895	EJE
5	1181	306	59	33	82	36	36	33.785	4.345	33.504	1.479	1.650	20.160	0.000	0.000	26.760	1055133.979	1079077.265	1539.818	BVIA
5	1182	307	50	32	82	51	23	33.699	4.193	33.437	1.479	1.650	20.514	0.000	0.000	26.406	1055134.332	1079077.620	1539.663	TOP
5	1183	309	13	15	79	44	41	33.884	6.032	33.343	1.479	2.500	21.083	0.000	0.000	25.831	1055134.902	1079078.195	1540.655	DRK
5	1184	310	24	51	79	19	15	33.931	6.288	33.343	1.479	2.500	21.617	0.000	0.000	25.387	1055135.436	1079078.639	1540.910	TOP
5	1185	309	29	36	79	52	15	38.464	6.754	37.805	1.479	2.500	24.044	0.000	0.000	29.174	1055137.863	1079074.852	1541.376	TOP
5	1186	308	52	32	80	38	56	38.673	6.505	38.122	1.479	2.500	23.927	0.000	0.000	29.678	1055137.745	1079074.348	1541.128	DRK
5	1187	307	17	29	82	26	49	38.640	5.079	38.305	1.479	1.650	23.208	0.000	0.000	30.474	1055137.026	1079073.552	1540.552	TOP
5	1188	306	3	19	82	3	59	38.711	5.343	38.341	1.479	1.650	22.566	0.000	0.000	30.996	1055136.385	1079073.030	1540.816	BVIA
5	1189	303	10	49	82	0	1	38.662	5.380	38.286	1.479	1.650	20.953	0.000	0.000	32.043	1055134.772	1079071.983	1540.853	EJE
5	1190	300	5	42	81	50	8	38.806	5.513	38.413	1.479	1.650	19.262	0.000	0.000	33.234	1055133.080	1079070.792	1540.983	BVIA
5	1191	299	23	37	81	37	19	38.928	5.896	38.479	1.479	1.650	18.886	0.000	0.000	33.526	1055132.705	1079070.500	1541.368	TOP
5	1192	298	10	18	81	52	41	40.076	5.662	39.674	1.479	1.650	18.731	0.000	0.000	34.974	1055132.550	1079069.052	1541.134	CONST
5	1193	298	44	51	81	55	28	45.068	6.333	44.621	1.479	1.650	21.461	0.000	0.000	39.121	1055135.280	1079064.905	1541.803	CONST
5	1194	300	9	14	81	39	51	44.885	6.507	44.411	1.479	1.650	22.309	0.000	0.000	38.401	1055136.128	1079065.625	1541.980	BVIA
5	1195	303	21	44	81	38	59	44.865	6.515	44.389	1.479	1.650	24.411	0.000	0.000	37.074	1055138.230	1079066.952	1541.988	EJE
5	1196	306	19	19	81	43	0	45.012	6.485	44.542	1.479	1.650	26.384	0.000	0.000	35.888	1055140.202	1079068.138	1541.957	BVIA
5	1197	307	23	29	81	55	37	45.176	6.344	44.728	1.479	1.650	27.262	0.000	0.000	35.537	1055140.980	1079068.489	1541.817	TOP
5	1198	308	24	51	80	11	45	45.601	7.765	44.935	1.479	2.400	27.920	0.000	0.000	35.208	1055141.739	1079068.818	1542.488	DRK
5	1199	309	14	4	79	56	40	45.617	7.985	44.916	1.479	2.400	28.430	0.000	0.000	34.790	1055142.228	1079069.236	1542.687	TOP
5	1200	309	48	49	78	44	56	52.265	10.197	51.261	1.479	2.850	32.822	0.000	0.000	39.175	1055146.641	1079064.651	1544.470	TOP
5	1201	308	54	56	80	14	21	52.393	8.882	51.635	1.479	2.300	32.436	0.000	0.000	40.175	1055146.254	1079063.850	1543.705	DRK
5	1202	307	43	55	80	55	46	52.638	8.298	51.980	1.479	2.300	31.810	0.000	0.000	41.110	1055145.629	1079062.916	1543.121	TOP
5	1203	306	49	49	81	27	23	52.782	7.843	52.196	1.479	1.650	31.289	0.000	0.000	41.779	1055145.108	1079062.247	1543.114	BVIA
5	1204	304	7	43	81	25	43	53.194	7.928	52.600	1.479	1.650	29.511	0.000	0.000	43.541	1055143.330	1079060.485	1543.400	EJE
5	1205	302	13	57	81	22	10	53.947	8.095	53.336	1.479	1.650	28.447	0.000	0.000	45.116	1055142.266	1079058.910	1543.568	BVIA
5	1206	301	20	26	81	34	56	54.512	7.980	53.925	1.479	1.650	28.048	0.000	0.000	46.057	1055141.866	1079057.969	1543.453	TOP
5	1207	299	40	48	82	38	44	55.329	7.082	54.874	1.479	1.650	27.171	0.000	0.000	47.675	1055140.990	1079056.351	1542.555	CONST
5	1208	300	0	25	82	28	9	56.070	7.348	55.586	1.479	1.650	27.799	0.000	0.000	48.136	1055141.618	1079055.890	1542.821	DRK
6	5	126	46	10	98	18	1	65.111	-9.400	64.429	1.521	1.650	0.000	38.567	51.611	0.000	1055113.819	1079104.026	1535.644	DTA
6	7	359	16	35	81	40	34	59.400	8.599	58.774	1.521	1.650	58.770	0.000	0.000	0.742	1055211.155	1079051.673	1553.642	DTA
6	1209	172	6	28	96	41	27	5.577	-0.650	5.539	1.521	1.650	0.000	5.487	0.761	0.000	1055148.899	1079053.176	1544.393	TOP
6	1210	166	54	29	93	35	24	5.350	-0.335	5.340	1.521	1.650	0.000	5.201	1.209	0.000	1055147.185	1079053.624	1544.708	DRK
6	1211	159	28	6	91	6	35	5.070	-0.008	5.069	1.521	1.650	0.000	4.746	1.781	0.000	1055147.640	1079054.196	1544.945	TOP
6	1212	154	20	59	95	29	4	5.090	-0.486	5.067	1.521	1.650	0.000	4.567	2.193	0.000	1055147.818	1079054.608	1544.557	BVIA
6	1213	134	50	27	96	30	39	5.488	-0.622	5.453	1.521	1.650	0.000	3.845	3.866	0.000	1055148.541	1079056.281	1544.421	EJE
6	1214	118	25	24	96	24	36	6.106	-0.682	6.068	1.521	1.650	0.000	2.888	5.336	0.000	1055149.498	1079057.751	1544.361	BVIA

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6	1215	112	26	9	96	12	43	6.529	-0.707	6.491	1.521	1.650	0.000	2.477	5.999	0.000	1055149.909	1079058.414	1544.337	TOP
6	1216	108	19	53	88	41	40	8.770	0.200	8.768	1.521	1.650	0.000	2.758	8.323	0.000	1055149.628	1079060.738	1545.243	CRK
6	1217	103	37	55	85	31	43	12.827	1.000	12.788	1.521	1.650	0.000	3.014	12.428	0.000	1055149.372	1079064.843	1546.043	ENTRD
6	1218	90	29	10	85	2	1	12.741	1.108	12.693	1.521	1.650	0.000	0.108	12.693	0.000	1055152.278	1079065.108	1546.146	ENTRD
6	1219	80	53	52	82	19	24	7.749	1.035	7.680	1.521	1.650	1.215	0.000	7.583	0.000	1055153.601	1079059.998	1546.078	CRK
6	1220	83	23	31	88	23	41	7.526	0.211	7.523	1.521	1.650	0.866	0.000	7.473	0.000	1055153.251	1079059.888	1545.254	TOP
6	1221	104	53	26	87	23	14	8.749	0.399	8.740	1.521	1.650	0.000	2.246	8.446	0.000	1055150.140	1079060.861	1545.442	TOP
6	1222	101	44	52	88	29	35	5.973	0.053	5.973	1.521	1.650	0.000	1.216	5.848	0.000	1055151.170	1079058.263	1545.087	TOP
6	1223	72	1	32	88	10	22	5.561	0.177	5.558	1.521	1.650	1.715	0.000	5.287	0.000	1055154.101	1079057.702	1545.220	TOP
6	1224	61	30	2	88	14	33	4.751	0.146	4.749	1.521	1.650	2.266	0.000	4.173	0.000	1055154.652	1079056.588	1545.189	BVIA
6	1225	56	28	8	88	34	52	5.238	0.130	5.236	1.521	1.650	2.893	0.000	4.365	0.000	1055155.278	1079056.780	1545.173	TOP
6	1226	37	40	4	83	21	48	2.325	0.269	2.309	1.521	1.650	1.828	0.000	1.411	0.000	1055154.214	1079053.826	1545.312	EJE
6	1227	336	18	53	77	41	28	1.381	0.294	1.349	1.521	1.650	1.236	0.000	0.000	0.542	1055153.621	1079051.873	1545.338	BVIA
6	1228	306	29	10	76	52	0	1.687	0.383	1.643	1.521	1.650	0.977	0.000	0.000	1.321	1055153.363	1079051.094	1545.426	CRK
6	1229	293	44	46	87	22	19	2.144	0.098	2.142	1.521	1.650	0.862	0.000	0.000	1.960	1055153.248	1079050.455	1545.141	TOP
6	1230	309	17	6	86	7	14	2.761	0.187	2.755	1.521	1.650	1.744	0.000	0.000	2.132	1055154.130	1079050.283	1545.230	PLZ
6	1231	329	16	20	82	52	2	7.808	0.970	7.748	1.521	1.650	6.660	0.000	0.000	3.959	1055159.046	1079048.456	1546.013	TOP
6	1232	334	29	46	81	54	27	7.675	1.080	7.589	1.521	1.650	6.858	0.000	0.000	3.272	1055159.248	1079049.143	1546.124	CRK
6	1233	340	42	56	81	24	39	7.628	1.139	7.542	1.521	1.650	7.119	0.000	0.000	2.491	1055159.505	1079049.924	1546.182	BVIA
6	1234	357	54	41	82	21	1	7.939	1.057	7.868	1.521	1.650	7.883	0.000	0.000	0.287	1055160.249	1079052.128	1546.100	EJE
6	1235	9	33	49	83	2	32	8.479	1.027	8.416	1.521	1.650	8.300	0.000	0.000	1.398	0.000	1055160.685	1079053.813	1546.070	BVIA
6	1236	14	4	28	84	45	31	9.015	0.824	8.977	1.521	1.650	8.708	0.000	0.000	2.183	0.000	1055161.094	1079054.598	1545.867	TOP
6	1237	18	11	55	82	53	24	9.502	1.176	9.429	1.521	1.650	8.957	0.000	0.000	2.945	0.000	1055161.343	1079055.360	1546.219	TOP
6	1238	22	27	53	82	4	56	9.997	1.377	9.902	1.521	1.650	9.150	0.000	0.000	3.784	0.000	1055161.536	1079056.199	1546.420	CRK
6	1239	25	11	10	81	13	25	10.556	1.611	10.433	1.521	1.650	9.441	0.000	0.000	4.440	0.000	1055161.826	1079056.855	1546.654	TOP
6	1240	11	40	4	77	33	41	15.789	3.401	15.418	1.521	1.650	15.100	0.000	0.000	3.118	0.000	1055167.486	1079055.533	1548.444	TOP
6	1241	9	5	36	79	22	10	15.588	2.876	15.320	1.521	1.650	15.128	0.000	0.000	2.421	0.000	1055167.514	1079054.836	1547.919	CRK
6	1242	6	4	43	80	44	35	15.350	2.469	15.150	1.521	1.650	15.065	0.000	0.000	1.604	0.000	1055167.451	1079054.019	1547.512	TOP
6	1243	3	29	34	83	6	55	15.130	1.814	15.021	1.521	1.650	14.993	0.000	0.000	0.915	0.000	1055167.379	1079053.330	1546.857	TOP
6	1244	0	16	51	82	18	45	15.020	2.009	14.885	1.521	1.650	14.885	0.000	0.000	0.073	0.000	1055167.271	1079052.488	1547.052	BVIA
6	1245	353	22	53	81	59	15	14.853	2.070	14.708	1.521	1.650	14.610	0.000	0.000	1.695	1055166.996	1079050.720	1547.113	EJE
6	1246	345	30	6	81	46	29	14.876	2.128	14.723	1.521	1.650	14.254	0.000	0.000	3.686	1055166.640	1079048.729	1547.171	BVIA
6	1247	342	3	46	80	38	30	14.981	2.436	14.782	1.521	1.650	14.063	0.000	0.000	4.552	1055166.449	1079047.863	1547.479	CRK
6	1248	338	5	23	80	55	7	15.489	2.445	15.295	1.521	1.650	14.190	0.000	0.000	5.707	1055166.576	1079046.708	1547.488	TOP
6	1249	344	22	31	80	45	53	22.290	3.577	22.001	1.521	1.650	21.188	0.000	0.000	5.926	1055173.574	1079046.489	1548.620	TOP
6	1250	345	41	58	80	42	23	21.838	3.527	21.551	1.521	1.650	20.883	0.000	0.000	5.323	1055173.269	1079047.092	1548.570	CRK
6	1251	347	20	41	81	4	18	21.660	3.362	21.398	1.521	1.650	20.878	0.000	0.000	4.688	1055173.263	1079047.727	1548.405	TOP
6	1252	349	36	48	82	16	37	21.528	2.893	21.333	1.521	1.650	20.983	0.000	0.000	3.846	1055173.369	1079048.569	1547.936	BVIA
6	1253	355	2	57	82	15	59	21.236	2.858	21.043	1.521	1.650	20.964	0.000	0.000	1.816	1055173.350	1079050.599	1547.901	EJE
6	1254	359	40	0	82	22	3	21.115	2.804	20.928	1.521	1.650	20.928	0.000	0.000	0.122	1055173.313	1079052.293	1547.848	BVIA

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6	1255	2	1	33	82	49	42	21.166	2.642	21.000	1.521	1.650	20.987	0.000	0.742	0.000	1055173.373	1079053.157	1547.686	TOP
6	1256	4	7	24	81	48	17	21.048	3.000	20.833	1.521	1.650	20.779	0.000	1.498	0.000	1055173.165	1079053.913	1548.043	TOP
6	1257	6	20	11	81	19	24	20.875	3.149	20.636	1.521	1.650	20.510	0.000	2.278	0.000	1055172.896	1079054.695	1548.192	CRK
6	1258	8	32	6	80	55	52	20.688	3.261	20.424	1.521	1.650	20.208	0.000	3.032	0.000	1055172.589	1079055.447	1548.304	TOP
6	1259	5	10	25	81	44	59	27.559	3.955	27.274	1.521	1.650	27.163	0.000	2.459	0.000	1055179.548	1079054.874	1548.998	TOP
6	1260	4	13	54	81	57	40	27.648	3.866	27.376	1.521	1.650	27.302	0.000	2.020	0.000	1055179.687	1079054.435	1548.909	CRK
6	1261	2	25	27	82	47	46	27.622	3.464	27.406	1.521	1.650	27.379	0.000	1.159	0.000	1055179.765	1079053.574	1548.507	TOP
6	1262	0	19	20	82	24	52	27.832	3.674	27.588	1.521	1.650	27.588	0.000	0.155	0.000	1055179.974	1079052.570	1548.717	BVIA
6	1263	358	25	28	82	22	55	28.068	3.721	27.820	1.521	1.650	27.766	0.000	0.000	1.735	1055180.152	1079050.680	1548.764	EJE
6	1264	351	34	43	82	18	34	28.405	3.801	28.150	1.521	1.650	27.846	0.000	0.000	4.128	1055180.232	1079048.792	1548.844	BVIA
6	1265	350	6	26	81	18	17	28.602	4.324	28.273	1.521	1.650	27.853	0.000	0.000	4.857	1055180.239	1079047.558	1549.367	TOP
6	1266	348	25	0	81	24	58	28.703	4.290	28.381	1.521	1.650	27.803	0.000	0.000	5.699	1055180.188	1079046.735	1549.333	CRK
6	1267	347	11	28	77	14	58	29.416	6.492	28.691	1.521	4.000	27.977	0.000	0.000	6.361	1055180.362	1079046.054	1549.185	TOP
7	0	179	16	36	98	0	50	59.354	-8.275	58.774	1.455	1.650	0.000	58.770	0.742	0.000	1055152.386	1079052.815	1545.172	DTA
7	8	33	2	16	86	38	35	57.962	9.394	57.863	1.455	1.650	48.507	0.000	31.546	0.000	1055259.662	1079083.219	1556.841	DTA
7	1268	194	32	39	96	31	59	24.408	-2.777	24.250	1.455	1.650	0.000	23.472	0.000	6.090	1055187.683	1079045.583	1550.670	TOP
7	1269	193	30	29	96	12	45	24.041	-2.602	23.900	1.455	1.650	0.000	23.239	0.000	5.583	1055187.017	1079046.090	1550.845	CRK
7	1270	191	4	35	97	31	27	23.595	-2.954	23.409	1.455	1.650	0.000	22.973	0.000	4.497	1055188.182	1079047.176	1550.494	TOP
7	1271	188	35	56	98	25	18	23.453	-3.435	23.200	1.455	1.650	0.000	22.939	0.000	3.469	1055188.216	1079048.204	1550.012	BVIA
7	1272	182	31	21	98	42	58	23.221	-3.519	22.953	1.455	1.650	0.000	22.931	0.000	1.010	1055188.225	1079050.663	1549.928	EJE
7	1273	177	35	12	98	51	58	23.269	-3.586	22.991	1.455	1.650	0.000	22.971	0.968	0.000	1055188.185	1079052.641	1549.861	BVIA
7	1274	175	29	36	99	25	22	23.358	-3.824	23.043	1.455	1.650	0.000	22.972	1.810	0.000	1055188.184	1079053.484	1549.623	TOP
7	1275	174	21	11	98	20	14	23.666	-3.348	22.844	1.455	1.650	0.000	22.733	2.248	0.000	1055188.422	1079053.921	1550.099	TOP
7	1276	173	8	43	97	49	55	22.978	-3.131	22.764	1.455	1.650	0.000	22.601	2.717	0.000	1055188.554	1079054.390	1550.316	CRK
7	1277	171	35	47	98	15	40	23.085	-3.337	22.845	1.455	1.650	0.000	22.600	3.139	0.000	1055188.555	1079055.012	1550.130	TOP
7	1278	166	18	37	97	20	41	16.457	-2.104	16.322	1.455	1.650	0.000	15.858	3.863	0.000	1055195.297	1079055.536	1551.343	TOP
7	1279	168	43	53	97	21	14	16.365	-2.095	16.230	1.455	1.650	0.000	15.918	3.171	0.000	1055195.238	1079054.845	1551.352	CRK
7	1280	170	45	1	98	8	12	16.344	-2.313	16.179	1.455	1.650	0.000	15.969	2.601	0.000	1055195.186	1079054.274	1551.134	TOP
7	1281	172	18	18	99	14	5	16.407	-2.633	16.194	1.455	1.650	0.000	16.049	2.168	0.000	1055195.107	1079053.841	1550.814	TOP
7	1282	175	44	45	98	48	40	16.342	-2.503	16.149	1.455	1.650	0.000	16.105	1.198	0.000	1055195.051	1079052.871	1550.944	BVIA
7	1283	182	40	14	98	30	26	15.957	-2.361	15.782	1.455	1.650	0.000	15.764	0.000	0.735	1055195.391	1079050.938	1551.087	EJE
7	1284	190	27	1	98	13	34	16.350	-2.349	16.182	1.455	1.650	0.000	15.913	0.000	2.935	1055195.242	1079048.738	1551.108	BVIA
7	1285	194	13	33	96	47	32	16.187	-1.935	16.073	1.455	1.650	0.000	15.580	0.000	3.950	1055195.575	1079047.723	1551.533	TOP
7	1286	197	12	20	96	4	47	16.276	-1.724	16.184	1.455	1.650	0.000	15.480	0.000	4.787	1055195.695	1079046.886	1551.723	CRK
7	1287	200	18	36	94	10	57	15.307	-1.116	15.266	1.455	1.650	0.000	14.317	0.000	5.299	1055196.838	1079046.374	1552.331	TOP
7	1288	206	52	59	92	18	55	11.277	-0.456	11.268	1.455	1.650	0.000	10.050	0.000	5.095	1055201.105	1079046.578	1552.992	TOP
7	1289	204	19	52	93	36	25	10.831	-0.681	10.810	1.455	1.650	0.000	9.849	0.000	4.454	1055201.306	1079047.219	1552.766	CRK
7	1290	199	31	53	94	47	48	10.472	-0.876	10.435	1.455	1.650	0.000	9.835	0.000	3.489	1055201.321	1079048.184	1552.571	TOP
7	1291	193	8	45	97	27	2	10.296	-1.335	10.209	1.455	1.650	0.000	9.942	0.000	2.322	1055201.214	1079049.351	1552.112	BVIA
7	1292	180	33	48	98	2	19	10.378	-1.451	10.276	1.455	1.650	0.000	10.276	0.000	0.101	1055200.880	1079051.572	1551.996	EJE

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CONTRATO AMG-MC-049-2025: "REALIZAR LEVANTAMIENTO TOPOGRAFICO EN DIFERENTES TRAMOS VIALES EN EL MUNICIPIO DE GARAGOA BOYACA". **VEREDA QUIGUA SECTOR ALTO DEL PEDREGAL**

7	1293	170	38	32	08	6	25	10.838	-1.528	10.730	1.455	1.650	0.000	10.587	1.745	0.000	1055200.568	1079053.418	1551.919	BVIA
7	1294	167	13	8	98	45	23	11.109	-1.691	10.980	1.455	1.650	0.000	10.708	2.429	0.000	1055200.448	1079054.102	1551.756	TOP
7	1295	162	41	3	96	16	45	11.593	-1.268	11.521	1.455	1.650	0.000	10.999	3.429	0.000	1055200.156	1079055.102	1552.179	TOP
7	1296	160	2	6	94	51	35	11.938	-1.011	11.895	1.455	1.650	0.000	11.180	4.061	0.000	1055199.975	1079055.735	1552.436	CRK
7	1297	157	3	51	93	11	58	12.307	-0.687	12.288	1.455	1.650	0.000	11.316	4.789	0.000	1055199.839	1079056.462	1552.760	TOP
7	1298	142	34	0	91	20	41	9.591	-0.225	9.588	1.455	1.650	0.000	7.614	5.828	0.000	1055203.542	1079057.501	1553.222	TOP
7	1299	143	54	29	90	42	38	9.013	-0.112	9.012	1.455	1.650	0.000	7.283	5.309	0.000	1055203.873	1079056.982	1553.335	CRK
7	1300	148	43	15	93	33	18	8.444	-0.524	8.428	1.455	1.650	0.000	7.203	4.376	0.000	1055203.953	1079056.049	1552.924	TOP
7	1301	153	17	0	98	50	36	7.985	-1.228	7.890	1.455	1.650	0.000	7.048	3.547	0.000	1055204.108	1079055.220	1552.220	TOP
7	1302	160	32	21	97	21	23	7.406	-0.948	7.345	1.455	1.650	0.000	6.918	2.467	0.000	1055204.237	1079054.140	1552.499	BVIA
7	1303	175	47	49	97	19	24	6.458	-0.823	6.405	1.455	1.650	0.000	6.388	0.469	0.000	1055204.767	1079052.142	1552.624	EJE
7	1304	197	18	59	96	19	36	6.324	-0.697	6.285	1.455	1.650	0.000	6.001	0.000	1.871	1055205.155	1079049.802	1552.750	BVIA
7	1305	206	24	5	89	35	32	6.341	0.045	6.341	1.455	1.650	0.000	5.679	0.000	2.819	1055205.476	1079048.854	1553.492	TOP
7	1306	216	9	29	87	55	21	6.538	0.237	6.534	1.455	1.650	0.000	5.275	0.000	3.855	1055205.880	1079047.818	1553.684	CRK
7	1307	222	32	54	86	25	24	6.764	0.421	6.731	1.455	1.650	0.000	4.959	0.000	4.551	1055206.197	1079047.122	1553.868	TOP
7	1308	306	25	30	64	48	48	3.870	1.647	3.502	1.455	1.650	2.079	0.000	0.000	2.818	1055213.235	1079048.855	1555.094	TOP
7	1309	313	21	57	68	9	51	2.890	1.075	2.683	1.455	1.650	1.842	0.000	0.000	1.950	1055212.997	1079049.723	1554.522	CRK
7	1310	325	13	8	59	48	1	2.103	1.058	1.818	1.455	1.650	1.491	0.000	0.000	1.087	1055212.648	1079050.636	1554.505	TOP
7	1311	8	4	56	74	9	52	1.327	0.362	1.277	1.455	1.650	1.264	0.000	0.179	0.000	1055212.429	1079051.853	1553.809	BVIA
7	1312	78	55	55	83	34	17	2.800	0.313	2.782	1.455	1.650	0.534	0.000	2.731	0.000	1055211.690	1079054.404	1553.761	EJE
7	1313	90	19	55	89	26	7	4.821	0.047	4.821	1.455	1.650	0.000	0.028	4.821	0.000	1055211.127	1079056.494	1553.695	BVIA
7	1314	91	46	30	90	42	42	5.393	-0.067	5.380	1.455	1.650	0.000	0.167	5.390	0.000	1055210.988	1079057.063	1553.380	TOP
7	1315	96	1	10	84	7	11	6.207	0.636	6.174	1.455	1.650	0.000	0.647	6.140	0.000	1055210.508	1079057.813	1554.083	TOP
7	1316	97	48	25	80	4	10	6.730	1.161	6.629	1.455	1.650	0.000	0.900	6.568	0.000	1055210.255	1079058.241	1554.608	CRK
7	1317	99	44	7	79	36	7	7.323	1.322	7.203	1.455	1.650	0.000	1.218	7.099	0.000	1055209.937	1079058.772	1554.769	TOP
7	1318	66	4	20	77	1	43	10.396	2.334	10.131	1.455	1.650	4.109	0.000	9.260	0.000	1055215.264	1079060.933	1555.781	TOP
7	1319	63	15	35	77	25	36	9.929	2.161	9.693	1.455	1.650	4.360	0.000	8.654	0.000	1055215.516	1079060.328	1555.609	CRK
7	1320	60	46	10	78	2	22	9.603	1.990	9.395	1.455	1.650	4.588	0.000	8.196	0.000	1055215.743	1079059.871	1555.437	TOP
7	1321	56	52	7	84	42	22	8.864	0.818	8.826	1.455	1.650	4.824	0.000	7.391	0.000	1055215.979	1079059.064	1554.265	TOP
7	1322	53	10	45	83	28	15	8.675	0.986	8.619	1.455	1.650	5.165	0.000	6.899	0.000	1055216.321	1079058.572	1554.434	BVIA
7	1323	40	3	47	81	47	56	7.916	1.129	7.835	1.455	1.650	5.996	0.000	5.043	0.000	1055217.352	1079056.716	1554.576	EJE
7	1324	22	8	13	81	29	33	7.896	1.368	7.809	1.455	1.650	7.235	0.000	2.938	0.000	1055218.391	1079054.611	1554.615	BVIA
7	1325	13	53	29	82	28	53	7.966	1.042	7.897	1.455	0.050	7.666	0.000	1.896	0.000	1055218.822	1079053.569	1556.089	TOP
7	1326	348	27	35	71	25	28	5.706	1.818	5.409	1.455	1.650	5.258	0.000	0.000	1.266	1055218.414	1079050.407	1555.265	CRK
7	1327	339	21	35	70	7	54	6.152	2.091	5.786	1.455	1.650	5.414	0.000	0.000	2.040	1055216.570	1079049.633	1555.538	TOP
7	1328	16	45	31	75	22	6	15.943	4.027	15.426	1.455	4.000	14.771	0.000	4.448	0.000	1055225.926	1079056.121	1555.124	CRK
7	1329	21	1	50	78	37	27	15.263	3.011	14.963	1.455	1.650	13.966	0.000	5.370	0.000	1055225.122	1079057.043	1556.458	TOP
7	1330	27	44	44	82	6	1	15.207	2.090	15.063	1.455	1.650	13.331	0.000	7.012	0.000	1055224.486	1079058.685	1555.537	BVIA
7	1331	36	51	11	82	47	20	15.115	1.897	14.995	1.455	1.650	11.999	0.000	8.994	0.000	1055223.154	1079060.667	1555.344	EJE
7	1332	44	5	19	83	23	5	15.309	1.764	15.267	1.455	1.650	10.923	0.000	10.581	0.000	1055222.078	1079062.254	1555.211	BVIA

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7	1333	45	37	10	83	49	14	15.402	1.658	15.312	1.455	1.650	10.710	0.000	10.944	0.000	1055221.865	1079062.617	1555.105	TOP
7	1334	49	39	19	79	58	35	16.251	2.829	16.003	1.455	1.650	10.360	0.000	12.197	0.000	1055221.515	1079063.870	1556.276	TOP
7	1335	52	20	26	78	46	28	16.599	3.231	16.281	1.455	1.650	9.947	0.000	12.889	0.000	1055221.103	1079064.562	1556.678	CRK
7	1336	53	53	25	77	39	41	16.824	3.595	16.435	1.455	1.650	9.686	0.000	13.278	0.000	1055220.841	1079064.951	1557.042	TOP
7	1337	44	44	43	83	12	27	20.744	2.453	20.598	1.455	1.650	14.630	0.000	14.500	0.000	1055225.785	1079066.173	1555.901	BVIA
7	1338	36	56	22	83	45	55	20.502	2.227	20.381	1.455	1.650	16.290	0.000	12.248	0.000	1055227.445	1079063.921	1555.674	EJE
7	1339	30	13	9	83	42	55	20.637	2.259	20.513	1.455	1.650	17.725	0.000	10.324	0.000	1055228.881	1079061.997	1555.708	BVIA
7	1340	26	15	50	82	44	52	20.672	2.967	20.458	1.455	1.650	18.346	0.000	9.055	0.000	1055229.501	1079060.726	1556.414	TOP
7	1341	23	2	58	83	33	36	20.803	2.333	20.672	1.455	1.650	19.021	0.000	8.094	0.000	1055230.177	1079059.767	1555.780	CRK
7	1342	22	0	4	83	14	48	21.111	2.482	20.965	1.455	2.200	19.438	0.000	7.854	0.000	1055230.593	1079059.527	1555.880	TOP
7	1343	27	15	55	84	58	34	27.695	2.425	27.589	1.455	1.650	24.523	0.000	12.639	0.000	1055235.679	1079064.312	1555.872	TOP
7	1344	28	31	51	84	21	16	27.577	2.713	27.443	1.455	1.650	24.111	0.000	13.108	0.000	1055235.266	1079064.781	1556.160	CRK
7	1345	30	26	20	83	51	32	27.380	2.929	27.223	1.455	1.650	23.471	0.000	13.792	0.000	1055234.626	1079065.465	1556.376	TOP
7	1346	31	51	15	84	36	46	27.484	2.580	27.363	1.455	1.650	23.242	0.000	14.441	0.000	1055234.397	1079066.114	1556.027	BVIA
7	1347	38	2	51	84	32	44	27.483	2.612	27.359	1.455	1.650	21.545	0.000	16.863	0.000	1055232.700	1079068.535	1556.059	EJE
7	1348	42	16	1	84	32	28	27.605	2.626	27.480	1.455	1.650	20.336	0.000	18.483	0.000	1055231.491	1079070.156	1556.073	BVIA
7	1349	46	26	40	84	9	13	28.040	2.856	27.894	1.455	1.650	19.221	0.000	20.215	0.000	1055230.376	1079071.888	1556.303	TOP
7	1350	48	39	38	83	25	25	28.486	3.262	28.299	1.455	1.650	18.692	0.000	21.247	0.000	1055229.847	1079072.920	1556.710	CRK
8	7	213	2	15	93	3	38	57.945	-3.094	57.863	1.545	1.650	0.000	48.507	0.000	31.546	1055211.155	1079051.673	1553.642	OTA
8	9	4	7	32	85	5	21	45.590	3.903	45.423	1.545	1.650	45.305	0.000	3.263	0.000	1055304.967	1079086.483	1560.639	OTA
8	1351	189	23	31	87	33	24	38.473	1.640	38.438	1.545	1.650	0.000	37.923	0.000	6.269	1055221.739	1079076.950	1558.376	BVIA
8	1352	192	15	25	87	43	39	40.958	1.624	40.926	1.545	1.650	0.000	39.993	0.000	8.688	1055219.669	1079074.531	1558.360	BVIA
8	1353	195	16	8	88	27	56	39.009	1.044	38.995	1.545	1.650	0.000	37.619	0.000	10.269	1055222.044	1079072.950	1557.781	BVIA
8	1354	192	19	43	88	17	31	36.486	1.087	36.470	1.545	1.650	0.000	35.629	0.000	7.787	1055224.033	1079075.432	1557.824	BVIA
8	1355	200	40	30	90	21	51	33.197	-0.211	33.196	1.545	1.650	0.000	31.058	0.000	11.721	1055228.604	1079071.499	1556.525	BVIA
8	1356	202	31	2	90	19	55	36.945	-0.214	36.944	1.545	1.650	0.000	34.128	0.000	14.148	1055225.534	1079069.071	1556.522	BVIA
8	1357	198	33	24	90	39	3	23.815	-0.271	23.811	1.545	1.650	0.000	22.574	0.000	7.578	1055237.089	1079075.641	1556.466	ALC
8	1358	198	34	22	90	33	12	23.231	-0.346	23.228	1.545	1.650	0.000	22.039	0.000	7.399	1055237.644	1079075.821	1556.390	ALC
8	1359	198	3	4	90	52	12	22.274	-0.338	22.271	1.545	1.650	0.000	21.175	0.000	6.903	1055238.487	1079076.318	1556.398	ALC
8	1360	197	55	8	90	52	28	21.942	-0.335	21.939	1.545	1.650	0.000	20.875	0.000	6.750	1055238.787	1079076.469	1556.401	ALC
8	1361	201	16	42	90	36	13	21.608	-0.228	21.607	1.545	1.650	0.000	20.134	0.000	7.841	1055239.528	1079075.378	1556.508	ALC
8	1362	201	45	0	90	30	41	21.590	-0.193	21.589	1.545	1.650	0.000	20.052	0.000	8.000	1055239.610	1079075.219	1556.543	ALC
8	1363	202	21	55	90	32	30	23.516	-0.222	23.515	1.545	1.650	0.000	21.746	0.000	8.948	1055237.916	1079074.271	1556.514	ALC
8	1364	201	46	33	90	29	19	23.517	-0.201	23.516	1.545	1.650	0.000	21.838	0.000	8.724	1055237.824	1079074.495	1556.536	ALC
8	1365	201	19	2	93	28	0	22.717	-1.374	22.675	1.545	1.650	0.000	21.124	0.000	8.343	1055238.538	1079074.976	1555.162	BATEA
8	1366	202	22	52	91	7	41	22.650	-0.486	22.648	1.545	1.650	0.000	20.940	0.000	8.623	1055238.723	1079074.596	1556.290	TOP
8	1367	203	19	46	91	9	50	22.656	-0.460	22.651	1.545	1.650	0.000	20.799	0.000	8.970	1055238.863	1079074.249	1556.276	BVIA
8	1368	208	38	43	91	8	40	23.462	-0.469	23.457	1.545	1.650	0.000	20.593	0.000	11.233	1055239.069	1079071.986	1556.267	EJE
8	1369	213	28	55	91	19	3	25.202	-0.580	25.195	1.545	1.650	0.000	21.014	0.000	13.900	1055238.648	1079069.320	1556.157	BVIA
8	1370	214	36	18	91	5	31	25.365	-0.483	25.360	1.545	1.650	0.000	20.874	0.000	14.402	1055238.788	1079068.817	1556.253	TOP

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8	1371	215	4	17	90	25	2	26.061	-0.190	26.060	1.545	1.650	0.000	21.329	0.000	14.974	1055238.333	1079068.245	1556.546	ALC
8	1372	214	35	44	90	28	49	26.039	-0.218	26.038	1.545	1.650	0.000	21.434	0.000	14.784	1055238.228	1079068.435	1556.518	ALC
8	1373	214	53	10	90	24	19	24.699	-0.175	24.698	1.545	1.650	0.000	20.260	0.000	14.126	1055239.402	1079069.093	1556.561	ALC
8	1374	215	28	58	90	28	11	24.737	-0.203	24.736	1.545	1.650	0.000	20.142	0.000	14.358	1055239.520	1079068.861	1556.533	ALC
8	1375	215	28	8	93	15	22	25.568	-1.452	25.527	1.545	1.650	0.000	20.790	0.000	14.812	1055238.872	1079068.407	1555.284	BATEA
8	1376	224	16	39	92	38	8	18.330	-0.843	18.311	1.545	1.650	0.000	13.110	0.000	12.783	1055246.552	1079070.436	1555.893	TOP
8	1377	222	15	7	92	18	24	18.458	-0.743	18.443	1.545	1.650	0.000	13.651	0.000	12.401	1055246.011	1079070.818	1555.993	CRK
8	1378	219	7	46	90	34	10	17.704	-0.176	17.703	1.545	1.650	0.000	13.733	0.000	11.172	1055245.930	1079072.047	1556.560	TOP
8	1379	216	34	22	91	13	41	17.495	-0.375	17.491	1.545	1.650	0.000	14.047	0.000	10.422	1055245.615	1079072.797	1556.361	BVIA
8	1380	208	48	6	91	11	44	17.185	-0.359	17.181	1.545	1.650	0.000	15.056	0.000	8.278	1055244.606	1079074.942	1556.378	EJE
8	1381	201	57	25	91	30	53	17.224	-0.455	17.218	1.545	1.650	0.000	15.969	0.000	6.438	1055243.693	1079076.781	1556.281	BVIA
8	1382	199	53	40	91	42	22	17.391	-0.518	17.383	1.545	1.650	0.000	16.346	0.000	5.915	1055243.318	1079077.304	1556.218	TOP
8	1383	198	28	5	90	42	14	17.393	-0.214	17.392	1.545	1.650	0.000	16.496	0.000	5.509	1055243.166	1079077.710	1556.522	TOP
8	1384	196	15	1	90	26	48	17.554	-0.137	17.553	1.545	1.650	0.000	16.852	0.000	4.912	1055242.810	1079078.307	1556.599	CRK
8	1385	193	44	52	90	18	31	17.646	-0.095	17.646	1.545	1.650	0.000	17.140	0.000	4.194	1055242.522	1079079.026	1556.641	TOP
8	1386	186	7	4	92	0	0	10.913	-0.381	10.906	1.545	1.650	0.000	10.844	0.000	1.162	1055248.818	1079082.057	1556.355	TOP
8	1387	190	37	46	91	13	13	10.494	-0.224	10.492	1.545	1.650	0.000	10.312	0.000	1.935	1055249.351	1079081.284	1556.513	CRK
8	1388	194	4	31	90	51	16	10.351	-0.154	10.351	1.545	1.650	0.000	10.040	0.000	2.517	1055249.622	1079080.702	1556.582	TOP
8	1389	196	46	42	91	53	22	10.332	-0.341	10.326	1.545	1.650	0.000	9.887	0.000	2.981	1055249.775	1079080.238	1556.395	TOP
8	1390	200	26	28	91	8	47	10.351	-0.207	10.349	1.545	1.650	0.000	9.697	0.000	3.614	1055249.965	1079079.605	1556.529	BVIA
8	1391	211	31	17	90	58	35	10.304	-0.176	10.303	1.545	1.650	0.000	8.782	0.000	5.386	1055250.880	1079077.833	1556.561	EJE
8	1392	222	24	21	91	1	41	10.788	-0.194	10.786	1.545	1.650	0.000	7.964	0.000	7.274	1055251.698	1079075.945	1556.543	BVIA
8	1393	227	5	2	87	59	28	11.338	0.397	11.331	1.545	1.650	0.000	7.716	0.000	8.298	1055251.947	1079074.921	1557.134	TOP
8	1394	232	42	23	88	55	8	11.991	0.226	11.989	1.545	1.650	0.000	7.264	0.000	9.538	1055252.398	1079073.682	1556.962	CRK
8	1395	235	55	41	89	53	42	12.351	0.022	12.351	1.545	1.650	0.000	6.922	0.000	10.108	1055252.740	1079073.111	1556.759	TOP
8	1396	253	33	37	87	20	26	8.651	0.401	8.642	1.545	1.650	0.000	2.446	0.000	8.288	1055257.317	1079074.931	1557.138	TOP
8	1397	251	53	5	86	15	6	8.117	0.531	8.100	1.545	1.650	0.000	2.518	0.000	7.698	1055257.144	1079075.521	1557.267	CRK
8	1398	246	33	9	84	20	54	7.036	0.693	7.002	1.545	1.650	0.000	2.786	0.000	6.424	1055256.876	1079076.796	1557.429	TOP
8	1399	240	53	40	89	34	49	6.117	0.046	6.117	1.545	1.650	0.000	2.975	0.000	5.344	1055256.687	1079077.875	1556.781	BVIA
8	1400	220	4	43	90	26	3	4.959	-0.038	4.959	1.545	1.650	0.000	3.794	0.000	3.193	1055255.868	1079080.027	1556.699	EJE
8	1401	199	46	5	90	39	51	4.562	-0.053	4.562	1.545	1.650	0.000	4.293	0.000	1.543	1055255.369	1079081.676	1556.683	BVIA
8	1402	193	13	20	92	12	22	4.611	-0.178	4.608	1.545	1.650	0.000	4.485	0.000	1.054	1055255.177	1079082.165	1556.559	TOP
8	1403	188	16	2	87	6	9	4.756	0.240	4.750	1.545	1.650	0.000	4.701	0.000	0.683	1055254.962	1079082.536	1556.977	TOP
8	1404	181	49	44	84	7	28	4.955	0.514	4.928	1.545	1.650	0.000	4.926	0.000	0.157	1055254.736	1079083.062	1557.253	CRK
8	1405	174	50	4	82	14	34	5.181	0.699	5.134	1.545	1.650	0.000	5.113	0.462	0.000	1055254.549	1079083.681	1557.435	TOP
8	1406	52	44	29	73	19	23	3.471	0.996	3.325	1.545	1.650	2.013	0.000	2.646	0.000	1055261.675	1079085.866	1557.732	TOP
8	1407	40	45	14	74	16	44	3.205	0.868	3.085	1.545	1.650	2.337	0.000	2.014	0.000	1055261.999	1079085.233	1557.605	CRK
8	1408	34	52	22	78	52	1	2.706	0.523	2.655	1.545	1.650	2.178	0.000	1.518	0.000	1055261.841	1079084.737	1557.259	TOP
8	1409	25	40	38	87	34	58	2.620	0.111	2.618	1.545	1.650	2.359	0.000	1.134	0.000	1055262.021	1079084.353	1556.847	TOP
8	1410	12	39	26	84	22	22	2.620	0.257	2.607	1.545	1.650	2.544	0.000	0.571	0.000	1055262.206	1079083.791	1556.993	BVIA

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8	1411	334	34	13	85	48	31	3.292	0.241	3.283	1.545	1.650	2.965	0.000	0.000	1.410	1055262.627	1079081.809	1556.977	EJE
8	1412	318	42	19	86	15	56	4.746	0.309	4.736	1.545	1.650	3.558	0.000	0.000	3.125	1055263.220	1079080.094	1557.045	BVIA
8	1413	315	2	12	82	52	24	5.661	0.702	5.617	1.545	1.650	3.975	0.000	0.000	3.969	1055263.637	1079079.290	1557.438	TOP
8	1414	317	56	53	84	54	37	7.956	0.706	7.925	1.545	1.650	5.884	0.000	0.000	5.308	1055265.546	1079077.911	1557.442	CRK
8	1415	316	19	56	85	35	51	8.490	0.652	8.465	1.545	1.650	6.123	0.000	0.000	5.845	1055265.785	1079077.374	1557.388	TOP
8	1416	341	36	54	85	19	12	14.002	1.142	13.955	1.545	1.650	13.243	0.000	0.000	4.401	1055272.905	1079078.818	1557.879	TOP
8	1417	343	33	21	84	4	44	13.649	1.408	13.576	1.545	1.650	13.021	0.000	0.000	3.843	1055272.683	1079079.376	1558.144	CRK
8	1418	349	9	23	83	50	12	12.947	1.390	12.872	1.545	1.650	12.642	0.000	0.000	2.422	1055272.305	1079080.798	1558.126	TOP
8	1419	354	2	8	85	57	18	12.686	0.894	12.654	1.545	1.650	12.386	0.000	0.000	1.315	1055272.248	1079081.904	1557.630	BVIA
8	1420	4	46	45	86	9	9	12.115	0.813	12.088	1.545	1.650	12.046	0.000	0.000	1.007	1055271.708	1079084.226	1557.549	EJE
8	1421	13	35	23	85	50	26	12.039	0.873	12.007	1.545	1.650	11.671	0.000	0.000	2.821	1055271.333	1079086.041	1557.609	BVIA
8	1422	15	46	11	86	33	9	12.098	0.706	12.077	1.545	1.650	11.623	0.000	0.000	3.282	1055271.281	1079086.502	1557.443	TOP
8	1423	19	14	51	84	56	59	12.061	1.062	12.014	1.545	1.650	11.343	0.000	0.000	3.960	1055271.005	1079087.180	1557.798	TOP
8	1424	22	15	58	83	48	7	12.272	1.325	12.200	1.545	1.650	11.291	0.000	0.000	4.623	1055270.953	1079087.842	1558.061	CRK
8	1425	26	1	56	83	21	4	12.305	1.425	12.222	1.545	1.650	10.982	0.000	0.000	5.364	1055270.644	1079088.583	1558.161	TOP
8	1426	38	49	50	80	0	51	21.752	3.772	21.423	1.545	2.850	16.688	0.000	0.000	13.432	1055276.350	1079096.652	1559.308	ENTRD
8	1427	30	54	24	79	38	31	26.004	4.675	25.580	1.545	3.500	21.948	0.000	0.000	13.139	1055281.630	1079096.358	1559.562	ENTRD
8	1428	18	49	31	84	11	20	23.457	2.375	23.337	1.545	1.650	22.088	0.000	0.000	7.530	1055281.750	1079090.750	1559.111	CRK
8	1429	18	27	38	84	28	28	22.607	2.177	22.502	1.545	1.650	21.344	0.000	0.000	7.125	1055281.006	1079090.345	1558.913	BVIA
8	1430	19	32	44	84	42	58	17.984	1.656	17.908	1.545	1.650	16.876	0.000	0.000	5.991	1055276.538	1079089.210	1558.392	BVIA
8	1431	20	57	19	83	46	37	17.361	1.882	17.259	1.545	1.650	16.317	0.000	0.000	6.172	1055275.779	1079089.392	1558.618	CRK
8	1432	14	26	46	85	20	46	15.705	1.274	15.653	1.545	1.650	15.158	0.000	0.000	3.905	1055274.821	1079087.124	1558.010	BVIA
8	1433	12	41	58	85	27	16	22.582	1.790	22.511	1.545	1.650	21.960	0.000	0.000	4.949	1055281.622	1079088.168	1558.526	BVIA
8	1434	16	20	19	84	2	42	23.337	2.421	23.211	1.545	1.650	22.274	0.000	0.000	6.530	1055281.936	1079089.749	1559.157	TOP
8	1435	6	18	19	85	25	48	22.613	1.802	22.541	1.545	1.650	22.405	0.000	0.000	2.476	1055282.067	1079083.695	1558.538	EJE
8	1436	0	33	22	85	31	9	22.764	1.778	22.694	1.545	1.650	22.693	0.000	0.000	0.220	1055282.355	1079083.440	1558.515	BVIA
8	1437	357	31	50	82	24	9	22.839	3.020	22.638	1.545	1.650	22.817	0.000	0.000	0.975	1055282.280	1079082.244	1559.756	TOP
8	1438	353	43	36	79	42	23	23.090	4.126	22.718	1.545	3.650	22.582	0.000	0.000	2.482	1055282.244	1079080.737	1558.862	CRK
8	1439	351	20	8	84	41	47	22.852	2.112	22.754	1.545	1.650	22.494	0.000	0.000	3.428	1055282.157	1079079.751	1558.848	CRK
9	8	184	7	12	94	36	50	45.570	-3.666	45.423	1.518	1.650	0.000	45.305	0.000	3.263	1055259.662	1079083.219	1556.841	DTA
9	10	349	23	4	87	50	44	33.156	1.246	33.133	1.518	1.650	32.566	0.000	0.000	6.104	1055337.533	1079080.379	1561.753	DTA
9	1440	208	18	49	88	37	2	13.818	0.333	13.814	1.518	1.650	0.000	12.161	0.000	6.552	1055292.806	1079079.931	1560.840	CRK
9	1441	209	5	59	88	56	51	14.201	0.261	14.199	1.518	1.650	0.000	12.406	0.000	6.905	1055292.561	1079079.577	1560.768	TOP
9	1442	233	32	58	87	19	52	9.046	0.421	9.036	1.518	1.650	0.000	5.369	0.000	7.268	1055299.599	1079079.214	1560.928	TOP
9	1443	231	7	1	85	36	59	8.384	0.641	8.359	1.518	1.650	0.000	5.247	0.000	6.907	1055299.720	1079079.975	1561.148	CRK
9	1444	290	57	29	85	15	47	8.416	0.695	8.387	1.518	1.650	3.000	0.000	0.000	7.832	1055307.967	1079078.650	1561.202	TOP
9	1445	293	38	23	82	39	18	7.590	0.970	7.528	1.518	1.650	3.019	0.000	0.000	6.896	1055307.986	1079079.587	1561.477	CRK
9	1446	311	43	8	84	57	18	12.257	1.076	12.190	1.518	2.500	8.112	0.000	0.000	9.099	1055313.079	1079077.384	1560.733	TOP
9	1447	335	47	29	88	44	41	24.930	0.546	24.924	1.518	1.650	22.732	0.000	0.000	10.220	1055327.700	1079076.262	1561.053	TOP
9	1448	341	18	36	88	4	14	29.878	1.006	29.861	1.518	1.650	28.286	0.000	0.000	9.569	1055333.254	1079076.914	1561.513	TOP

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9	1448	354	24	30	85	49	21	20.761	1.512	20.706	1.518	1.650	18.675	0.000	0.000	8.944	1055323.642	1079077.539	1562.019	CRK
9	1450	336	23	48	85	52	28	20.523	1.476	20.470	1.518	1.650	18.757	0.000	0.000	8.196	1055323.725	1079078.286	1561.983	TOP
9	1451	338	34	47	87	6	42	20.254	1.021	20.228	1.518	1.650	18.831	0.000	0.000	7.387	1055323.798	1079079.095	1561.527	BVIA
9	1452	344	33	4	87	18	45	19.668	0.922	19.646	1.518	1.650	18.937	0.000	0.000	5.233	1055323.904	1079081.249	1561.429	EJE
9	1453	349	43	24	87	34	18	19.486	0.824	19.429	1.518	1.650	19.117	0.000	0.000	3.466	1055324.084	1079083.037	1561.331	BVIA
9	1454	351	21	19	88	3	39	19.467	0.659	19.456	1.518	1.650	19.235	0.000	0.000	2.924	1055324.202	1079083.558	1561.166	TOP
9	1455	354	30	49	85	57	6	19.444	1.373	19.396	1.518	1.650	19.307	0.000	0.000	1.854	1055324.274	1079084.628	1561.880	TOP
9	1456	1	31	54	78	19	52	12.304	2.489	12.050	1.518	2.750	12.045	0.000	0.322	0.000	1055317.013	1079086.805	1561.895	CRK
9	1457	357	41	47	84	26	36	11.943	1.156	11.887	1.518	1.650	11.877	0.000	0.000	0.478	1055316.845	1079086.005	1561.663	TOP
9	1458	352	15	20	87	48	23	11.976	0.458	11.967	1.518	1.650	11.857	0.000	0.000	1.620	1055316.825	1079084.863	1560.965	TOP
9	1459	349	12	23	87	3	16	12.029	0.618	12.013	1.518	1.650	11.813	0.000	0.000	2.181	1055316.781	1079084.302	1561.125	BVIA
9	1460	340	4	10	86	37	53	12.220	0.718	12.199	1.518	1.650	11.468	0.000	0.000	4.158	1055316.436	1079082.324	1561.225	EJE
9	1461	330	20	32	86	28	57	12.854	0.789	12.830	1.518	1.650	11.149	0.000	0.000	6.348	1055316.116	1079080.134	1561.295	BVIA
9	1462	327	44	55	85	34	40	13.164	1.015	13.125	1.518	1.650	11.100	0.000	0.000	7.004	1055316.067	1079079.479	1561.522	TOP
9	1463	324	54	35	85	16	14	13.292	1.096	13.247	1.518	1.650	10.839	0.000	0.000	7.615	1055315.807	1079078.868	1561.603	CRK
9	1464	294	39	38	83	6	5	7.498	0.901	7.444	1.518	1.650	3.106	0.000	0.000	6.765	1055308.073	1079079.718	1561.407	CRK
9	1465	301	3	16	82	59	55	6.834	0.833	6.783	1.518	1.650	3.499	0.000	0.000	5.811	1055308.466	1079080.672	1561.340	TOP
9	1466	306	3	46	85	21	43	6.516	0.511	6.295	1.518	1.650	3.706	0.000	0.000	5.089	1055308.673	1079081.394	1561.018	BVIA
9	1467	324	59	57	84	4	18	5.059	0.523	5.032	1.518	1.650	4.122	0.000	0.000	2.886	1055309.089	1079083.596	1561.029	EJE
9	1468	348	13	6	84	55	41	4.511	0.399	4.493	1.518	1.650	4.399	0.000	0.000	0.917	1055309.366	1079085.565	1560.906	BVIA
9	1469	354	54	23	86	39	26	4.447	0.259	4.440	1.518	1.650	4.422	0.000	0.000	0.194	1055309.389	1079086.088	1560.796	TOP
9	1470	9	14	43	80	0	25	4.450	0.772	4.383	1.518	1.650	4.326	0.000	0.704	0.000	1055309.293	1079087.187	1561.279	TOP
9	1471	19	30	59	75	29	49	4.751	1.190	4.500	1.518	1.650	4.335	0.000	1.537	0.000	1055309.303	1079088.019	1561.697	CRK
9	1472	27	32	44	71	6	58	5.242	1.697	4.960	1.518	2.300	4.398	0.000	2.294	0.000	1055309.365	1079088.776	1561.553	TOP
9	1473	7	33	51	82	15	54	7.019	0.945	6.955	1.518	1.650	6.895	0.000	0.916	0.000	1055311.862	1079087.398	1561.452	PGAS
9	1474	196	1	8	77	33	37	4.899	1.055	4.784	1.518	1.650	0.000	3.442	3.322	0.000	1055301.525	1079089.805	1561.562	TOP
9	1475	142	18	42	78	5	57	4.536	0.858	4.454	1.518	1.650	0.000	3.525	2.723	0.000	1055301.643	1079089.206	1561.365	CRK
9	1476	153	31	50	79	45	34	3.871	0.688	3.809	1.518	1.650	0.000	3.410	1.698	0.000	1055301.557	1079088.181	1561.195	TOP
9	1477	166	40	19	92	48	11	3.608	-0.177	3.604	1.518	1.650	0.000	3.507	0.831	0.000	1055301.461	1079087.313	1560.329	TOP
9	1478	177	57	30	92	18	9	3.502	-0.141	3.499	1.518	1.650	0.000	3.497	0.125	0.000	1055301.470	1079086.607	1560.366	BVIA
9	1479	206	2	27	91	14	6	4.305	-0.093	4.304	1.518	1.650	0.000	3.867	0.000	1.889	1055301.100	1079084.593	1560.414	EJE
9	1480	221	15	43	90	44	21	5.720	-0.074	5.719	1.518	1.650	0.000	4.299	0.000	3.772	1055300.668	1079082.711	1560.433	BVIA
9	1481	227	0	40	83	25	5	7.018	0.804	6.972	1.518	1.650	0.000	4.754	0.000	5.100	1055300.214	1079081.383	1561.311	TOP
9	1482	201	12	45	88	29	1	12.313	0.326	12.309	1.518	1.650	0.000	11.475	0.000	4.454	1055293.493	1079082.029	1560.833	TOP
9	1483	195	5	27	94	6	44	11.861	-0.851	11.830	1.518	1.650	0.000	11.422	0.000	3.080	1055293.545	1079083.403	1559.696	BVIA
9	1484	184	38	4	94	15	12	11.297	-0.838	11.266	1.518	1.650	0.000	11.229	0.000	0.910	1055293.738	1079085.572	1559.669	EJE
9	1485	173	53	2	94	41	40	11.143	-0.912	11.106	1.518	1.650	0.000	11.042	1.183	0.000	1055293.925	1079087.666	1559.595	BVIA
9	1486	171	35	59	95	20	20	11.160	-1.038	11.111	1.518	1.650	0.000	10.992	1.623	0.000	1055293.975	1079088.106	1559.468	TOP
9	1487	166	37	50	88	28	22	11.129	0.297	11.125	1.518	1.650	0.000	10.824	2.572	0.000	1055294.144	1079089.055	1560.803	TOP
9	1488	163	26	55	88	22	2	11.343	0.323	11.338	1.518	1.650	0.000	10.869	3.230	0.000	1055294.089	1079089.713	1560.830	CRK

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9	1489	160	41	0	79	6	37	12.029	2.273	11.812	1.518	3.500	0.000	11.347	3.907	0.000	1055293.820	1079090.390	1560.929	TOP
9	1490	173	23	55	95	21	28	17.259	-1.612	17.184	1.518	1.650	0.000	17.070	1.975	0.000	1055287.898	1079088.458	1558.895	TOP
9	1491	175	37	9	94	46	14	17.182	-1.429	17.122	1.518	1.650	0.000	17.072	1.308	0.000	1055287.895	1079087.790	1559.078	BVIA
9	1492	182	10	38	94	44	26	17.126	-1.415	17.067	1.518	1.650	0.000	17.055	0.000	0.647	1055287.912	1079085.836	1559.091	EJE
9	1493	188	53	11	94	42	32	17.333	-1.423	17.274	1.518	1.650	0.000	17.067	0.000	2.669	1055287.900	1079083.814	1559.084	BVIA
9	1494	191	56	17	93	28	10	17.571	-1.063	17.539	1.518	1.650	0.000	17.159	0.000	3.628	1055287.808	1079082.855	1559.443	TOP
10	9	169	23	4	91	38	53	33.146	-0.553	33.133	1.489	1.650	0.000	32.566	6.104	0.000	1055304.967	1079086.483	1560.639	DTA
10	11	20	59	12	89	2	23	53.272	0.893	53.264	1.489	1.650	48.731	0.000	19.077	0.000	1055387.264	1079099.406	1562.485	DTA
10	1495	154	15	28	87	8	21	14.182	0.708	14.164	1.489	1.650	0.000	12.759	6.152	0.000	1055324.774	1079086.531	1562.300	TOP
10	1496	156	37	16	87	27	10	13.783	0.612	13.760	1.489	1.650	0.000	12.640	5.463	0.000	1055324.893	1079085.842	1562.205	CRK
10	1497	153	38	8	86	6	41	13.872	0.941	13.840	1.489	1.650	0.000	12.401	6.346	0.000	1055325.132	1079086.525	1562.533	CONST
10	1498	146	19	58	87	32	40	11.857	0.508	11.846	1.489	1.650	0.000	9.859	6.567	0.000	1055327.674	1079086.946	1562.100	ENTRD
10	1499	135	50	24	87	11	0	10.037	0.493	10.025	1.489	1.650	0.000	7.192	6.984	0.000	1055330.341	1079087.363	1562.085	ENTRD
10	1500	101	5	3	95	46	20	8.144	-0.819	8.103	1.489	0.100	0.000	1.558	7.953	0.000	1055335.975	1079088.331	1562.123	CONST
10	1501	126	45	39	83	54	39	6.438	0.681	6.382	1.489	1.650	0.000	3.835	5.113	0.000	1055333.714	1079085.492	1562.273	TOP
10	1502	134	47	27	90	9	50	4.715	-0.014	4.710	1.489	1.650	0.000	3.322	3.346	0.000	1055334.211	1079083.725	1561.579	BVIA
10	1503	153	46	45	88	38	53	3.162	0.075	3.161	1.489	1.650	0.000	2.811	1.446	0.000	1055334.722	1079081.825	1561.667	EJE
10	1504	188	55	57	87	17	41	2.532	0.120	2.529	1.489	1.650	0.000	2.499	0.000	0.393	1055335.034	1079079.985	1561.717	BVIA
10	1505	213	48	9	82	39	57	2.672	0.341	2.650	1.489	1.650	0.000	2.252	0.000	1.197	1055335.281	1079078.982	1561.933	TOP
10	1506	201	4	7	86	37	32	2.642	0.155	2.637	1.489	1.650	0.000	2.461	0.000	0.948	1055335.072	1079079.431	1561.748	TOP
10	1507	226	49	40	86	43	34	3.141	0.181	3.136	1.489	1.650	0.000	2.985	0.000	2.287	1055335.387	1079078.092	1561.773	CRK
10	1508	237	3	27	86	18	44	3.419	0.220	3.412	1.489	1.650	0.000	1.855	0.000	2.863	1055335.678	1079077.516	1561.812	TOP
10	1509	350	47	31	92	31	23	6.284	-0.240	6.279	1.489	1.650	6.198	0.000	0.000	1.005	1055343.731	1079079.374	1561.352	TOP
10	1510	357	19	10	84	17	27	6.117	0.609	6.087	1.489	1.650	6.080	0.000	0.000	0.285	1055341.613	1079080.094	1562.201	CRK
10	1511	6	1	20	85	8	42	5.459	0.462	5.439	1.489	1.650	5.409	0.000	0.571	0.000	1055342.942	1079080.950	1562.054	TOP
10	1512	18	20	32	89	15	20	5.328	0.069	5.327	1.489	1.650	5.057	0.000	1.677	0.000	1055342.590	1079082.056	1561.663	BVIA
10	1513	41	12	55	88	45	21	5.748	0.125	5.747	1.489	1.650	4.323	0.000	3.786	0.000	1055341.856	1079084.165	1561.717	EJE
10	1514	55	8	14	88	53	43	6.713	0.129	6.712	1.489	1.650	3.836	0.000	5.507	0.000	1055341.369	1079085.886	1561.722	BVIA
10	1515	59	27	47	90	57	32	7.092	-0.119	7.091	1.489	1.650	3.603	0.000	6.307	0.000	1055341.135	1079086.488	1561.473	TOP
10	1516	67	5	48	87	47	42	8.094	0.311	8.088	1.489	1.650	3.348	0.000	7.450	0.000	1055340.681	1079087.829	1561.904	TOP
10	1517	78	21	28	85	9	50	10.022	0.845	9.986	1.489	1.650	2.355	0.000	9.705	0.000	1055339.888	1079090.084	1562.437	CRK
10	1518	77	17	37	85	28	41	10.756	0.848	10.723	1.489	1.650	2.358	0.000	10.460	0.000	1055339.891	1079090.839	1562.440	TOP
10	1519	54	13	52	86	11	49	15.699	1.041	15.664	1.489	1.650	9.156	0.000	12.710	0.000	1055346.689	1079093.089	1562.633	TOP
10	1520	53	29	55	86	14	15	15.112	0.997	15.079	1.489	1.650	8.970	0.000	12.121	0.000	1055346.503	1079092.500	1562.584	CRK
10	1521	46	46	17	85	54	41	14.322	1.021	14.286	1.489	1.650	9.784	0.000	10.459	0.000	1055347.317	1079090.788	1562.613	TOP
10	1522	42	20	45	88	16	47	13.669	0.410	13.663	1.489	1.650	10.098	0.000	9.203	0.000	1055347.631	1079089.582	1562.002	TOP
10	1523	40	38	38	90	11	56	13.523	-0.047	13.523	1.489	1.650	10.261	0.000	8.808	0.000	1055347.794	1079089.187	1561.585	TOP
10	1524	38	33	7	89	25	17	13.379	0.135	13.378	1.489	1.650	10.462	0.000	8.338	0.000	1055347.995	1079088.717	1561.727	BVIA
10	1525	29	24	24	89	1	42	12.599	0.214	12.597	1.489	1.650	10.974	0.000	6.185	0.000	1055348.507	1079086.564	1561.806	BVIA
10	1526	19	21	7	89	3	2	12.481	0.207	12.479	1.489	1.650	11.774	0.000	4.135	0.000	1055349.307	1079084.514	1561.799	BVIA

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10	1527	14	6	14	87	44	5	12.225	0.483	12.215	1.489	1.650	11.847	0.000	2.977	0.000	1055349.380	1079083.956	1562.075	TOP
10	1528	6	36	18	87	15	5	12.363	0.593	12.349	1.489	1.650	12.267	0.000	1.420	0.000	1055349.800	1079081.799	1562.185	CRK
10	1529	2	53	53	91	21	50	12.377	-0.295	12.373	1.489	1.650	12.358	0.000	0.626	0.000	1055349.891	1079081.005	1561.298	TOP
10	1530	9	34	5	82	59	56	20.504	2.499	20.353	1.489	4.050	20.068	0.000	3.383	0.000	1055357.601	1079083.762	1561.691	TOP
10	1531	12	8	11	86	41	27	20.226	1.168	20.192	1.489	1.650	19.741	0.000	4.245	0.000	1055357.274	1079084.624	1562.760	CRK
10	1532	16	31	48	88	21	44	20.059	0.573	20.051	1.489	1.650	19.372	0.000	5.705	0.000	1055356.755	1079086.084	1562.165	TOP
10	1533	18	59	9	89	22	33	20.152	0.219	20.151	1.489	1.650	19.055	0.000	6.556	0.000	1055356.588	1079086.935	1561.812	BVIA
10	1534	26	6	9	89	1	28	20.261	0.345	20.258	1.489	1.650	18.192	0.000	8.913	0.000	1055355.725	1079089.292	1561.937	EJE
10	1535	31	54	31	89	19	10	20.583	0.244	20.582	1.489	1.650	17.471	0.000	10.879	0.000	1055355.004	1079091.258	1561.837	BVIA
10	1536	33	46	1	89	37	41	20.743	0.135	20.742	1.489	1.650	17.243	0.000	11.529	0.000	1055354.778	1079091.908	1561.727	TOP
10	1537	38	19	2	88	32	49	21.119	0.535	21.112	1.489	1.650	16.564	0.000	13.090	0.000	1055354.097	1079093.469	1562.128	TOP
10	1538	43	25	24	80	46	9	21.270	3.412	20.995	1.489	4.050	15.248	0.000	14.431	0.000	1055352.781	1079094.810	1562.604	CRK
10	1539	45	5	30	80	54	15	21.510	3.460	21.240	1.489	4.050	14.990	0.000	15.047	0.000	1055352.523	1079095.426	1562.593	TOP
11	10	200	59	11	90	37	47	53.268	-0.586	53.264	1.504	1.650	0.000	49.731	0.000	19.077	1055337.533	1079080.379	1561.753	DTA
11	12	37	46	44	91	57	1	63.516	-2.162	63.479	1.504	1.650	50.173	0.000	38.888	0.000	1055437.437	1079138.344	1560.177	DTA
11	1540	181	59	13	89	25	15	26.369	0.267	26.368	1.504	1.650	0.000	26.352	0.000	0.914	1055360.912	1079098.542	1562.605	TOP
11	1541	183	30	25	90	36	53	25.959	-0.127	25.959	1.504	1.650	0.000	25.910	0.000	1.588	1055361.354	1079097.868	1562.211	CRK
11	1542	187	48	40	90	22	43	25.491	-0.168	25.490	1.504	1.650	0.000	25.254	0.000	3.464	1055362.010	1079095.991	1562.170	TOP
11	1543	191	5	23	90	57	45	25.379	-0.426	25.375	1.504	1.650	0.000	24.902	0.000	4.881	1055362.362	1079094.575	1561.912	TOP
11	1544	192	13	26	90	51	4	25.270	-0.375	25.267	1.504	1.650	0.000	24.694	0.000	5.350	1055362.570	1079094.106	1561.963	BVIA
11	1545	197	18	21	90	40	8	24.930	-0.291	24.928	1.504	1.650	0.000	23.800	0.000	7.415	1055363.464	1079092.040	1562.048	EJE
11	1546	201	22	30	90	47	37	24.965	-0.346	24.963	1.504	1.650	0.000	23.246	0.000	9.038	1055364.019	1079090.358	1561.993	BVIA
11	1547	203	5	27	90	56	0	25.037	-0.408	25.034	1.504	1.650	0.000	23.028	0.000	9.818	1055364.236	1079089.638	1561.931	TOP
11	1548	206	8	59	89	41	2	25.165	0.139	25.165	1.504	1.650	0.000	22.589	0.000	11.091	1055364.675	1079088.365	1562.478	TOP
11	1549	208	27	55	88	51	9	25.414	0.509	25.409	1.504	1.650	0.000	22.337	0.000	12.111	1055364.927	1079087.345	1562.848	CRK
11	1550	209	4	49	90	50	40	26.140	-0.385	26.137	1.504	1.650	0.000	22.842	0.000	12.704	1055364.422	1079086.752	1561.954	TOP
11	1551	215	29	58	90	6	58	15.910	-0.032	15.910	1.504	1.650	0.000	12.953	0.000	9.239	1055374.311	1079090.217	1562.306	TOP
11	1552	212	48	30	89	1	51	15.813	0.267	15.811	1.504	1.650	0.000	13.289	0.000	8.567	1055373.975	1079090.889	1562.606	CRK
11	1553	207	35	6	89	33	23	15.398	0.119	15.396	1.504	1.650	0.000	13.645	0.000	7.129	1055373.619	1079092.327	1562.458	TOP
11	1554	203	41	3	90	4	35	15.290	-0.020	15.290	1.504	1.650	0.000	14.002	0.000	6.142	1055373.262	1079093.314	1562.318	TOP
11	1555	201	53	34	90	8	31	15.294	-0.038	15.294	1.504	1.650	0.000	14.191	0.000	5.703	1055373.073	1079093.753	1562.301	BVIA
11	1556	192	57	46	89	53	30	15.361	0.029	15.361	1.504	1.650	0.000	14.969	0.000	3.446	1055372.295	1079090.010	1562.368	EJE
11	1557	186	58	21	90	18	5	15.845	-0.083	15.845	1.504	1.650	0.000	15.728	0.000	1.924	1055371.537	1079097.532	1562.255	BVIA
11	1558	185	42	20	90	43	16	15.969	-0.192	15.968	1.504	1.650	0.000	15.889	0.000	1.588	1055371.375	1079097.868	1562.147	TOP
11	1559	179	12	13	89	50	10	16.118	0.046	16.118	1.504	1.650	0.000	16.116	0.224	0.000	1055371.148	1079099.680	1562.385	TOP
11	1560	171	38	1	88	51	17	16.369	0.327	16.366	1.504	1.650	0.000	16.182	2.381	0.000	1055371.073	1079101.837	1562.666	CRK
11	1561	169	39	29	87	28	58	16.717	0.734	16.701	1.504	1.650	0.000	16.430	2.998	0.000	1055370.835	1079102.454	1563.073	TOP
11	1562	149	15	47	86	31	33	10.984	0.666	10.964	1.504	1.650	0.000	9.420	5.609	0.000	1055377.844	1079105.065	1563.004	TOP
11	1563	151	15	8	87	10	37	10.524	0.518	10.511	1.504	1.650	0.000	9.216	5.055	0.000	1055378.048	1079104.511	1562.857	CRK
11	1564	164	17	18	87	42	39	8.147	0.325	8.141	1.504	1.650	0.000	7.836	2.204	0.000	1055379.428	1079101.660	1562.864	TOP

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11	1565	165	54	2	90	28	6	7.938	-0.065	7.938	1.504	1.650	0.000	7.699	1.934	0.000	1055379.565	1079101.389	1562.274	TOP
11	1566	170	14	16	89	17	32	7.537	0.093	7.530	1.504	1.650	0.000	7.427	1.278	0.000	1055379.837	1079100.734	1562.432	BVIA
11	1567	185	8	25	88	49	43	6.731	0.138	6.730	1.504	1.650	0.000	6.702	0.000	0.603	1055380.562	1079098.853	1562.476	EJE
11	1568	202	12	36	89	32	45	6.689	0.053	6.680	1.504	1.650	0.000	6.192	0.000	2.508	1055381.072	1079096.927	1562.392	BVIA
11	1569	207	13	45	89	19	15	6.738	0.080	6.738	1.504	1.650	0.000	5.973	0.000	3.074	1055381.291	1079096.382	1562.418	TOP
11	1570	219	24	5	84	0	14	6.774	0.708	6.737	1.504	1.650	0.000	5.206	0.000	4.276	1055382.058	1079095.379	1563.046	TOP
11	1571	224	46	54	90	29	53	7.372	-0.064	7.372	1.504	1.650	0.000	5.232	0.000	5.193	1055382.032	1079094.263	1562.275	CRK
11	1572	229	9	35	92	20	1	7.369	-0.308	7.563	1.504	1.650	0.000	4.946	0.000	5.721	1055382.318	1079093.734	1562.031	TOP
11	1573	345	41	10	96	10	8	4.582	-0.482	4.555	1.504	1.650	4.454	0.000	0.000	1.126	1055391.678	1079098.329	1561.846	TOP
11	1574	353	39	14	91	2	32	4.194	-0.076	4.193	1.504	1.650	4.168	0.000	0.000	0.463	1055391.432	1079098.992	1562.262	CRK
11	1575	6	22	31	86	13	8	4.128	0.275	4.119	1.504	1.650	4.093	0.000	0.457	0.000	1055391.357	1079099.913	1562.613	PLZ
11	1576	10	16	33	84	34	48	3.752	0.354	3.735	1.504	1.650	3.675	0.000	0.666	0.000	1055390.939	1079100.122	1562.693	TOP
11	1577	18	53	13	89	18	0	3.635	0.044	3.635	1.504	1.650	3.439	0.000	1.177	0.000	1055390.703	1079100.632	1562.383	TOP
11	1578	27	30	50	88	32	39	3.582	0.091	3.581	1.504	1.650	3.176	0.000	1.654	0.000	1055390.440	1079101.110	1562.430	BVIA
11	1579	57	56	44	89	27	44	4.081	0.110	4.080	1.504	1.650	2.165	0.000	3.456	0.000	1055389.429	1079102.913	1562.448	EJE
11	1580	73	48	4	89	43	4	5.241	0.026	5.241	1.504	1.650	1.462	0.000	5.033	0.000	1055388.726	1079104.489	1562.365	BVIA
11	1581	77	3	47	90	41	8	5.649	-0.068	5.649	1.504	1.650	1.261	0.000	5.506	0.000	1055388.525	1079104.962	1562.271	TOP
11	1582	82	25	34	87	31	8	6.138	0.266	6.132	1.504	1.650	0.808	0.000	6.079	0.000	1055388.072	1079105.535	1562.604	TOP
11	1583	91	6	28	86	21	13	8.757	0.557	8.739	1.504	1.650	0.000	0.169	8.738	0.000	1055387.095	1079108.193	1562.896	CRK
11	1584	91	42	38	86	21	20	9.421	0.599	9.402	1.504	1.650	0.000	0.281	9.398	0.000	1055386.983	1079108.853	1562.938	TOP
11	1585	65	20	48	87	14	37	13.274	0.638	13.259	1.504	1.650	5.530	0.000	12.050	0.000	1055392.795	1079111.506	1562.977	TOP
11	1586	63	39	55	87	32	34	12.825	0.550	12.813	1.504	1.650	5.684	0.000	11.483	0.000	1055392.948	1079110.939	1562.889	CRK
11	1587	51	20	4	89	38	14	13.311	0.134	13.310	1.504	1.650	7.066	0.000	8.831	0.000	1055394.330	1079108.287	1562.473	TOP
11	1588	48	16	1	92	4	34	11.157	-0.404	11.150	1.504	1.650	7.422	0.000	8.321	0.000	1055394.686	1079107.776	1561.935	TOP
11	1589	45	36	27	91	24	1	11.019	-0.369	11.016	1.504	1.650	7.706	0.000	7.871	0.000	1055394.970	1079107.327	1562.069	BVIA
11	1590	34	50	9	91	0	10	10.483	-0.183	10.481	1.504	1.650	8.603	0.000	5.987	0.000	1055395.867	1079106.443	1562.155	EJE
11	1591	24	43	8	91	9	35	10.131	-0.209	10.129	1.504	1.650	9.383	0.000	4.319	0.000	1055396.647	1079103.775	1562.130	BVIA
11	1592	23	24	35	91	0	35	10.378	-0.183	10.376	1.504	1.650	9.522	0.000	4.133	0.000	1055396.786	1079103.578	1562.156	TOP
11	1593	17	36	35	88	38	54	10.101	0.297	10.097	1.504	1.650	9.623	0.000	3.055	0.000	1055396.888	1079102.510	1562.636	TOP
12	11	217	48	44	87	45	43	63.528	2.483	63.479	1.477	1.650	0.000	50.173	0.000	38.888	1055387.264	1079099.456	1562.485	DTA
12	13	345	36	44	87	1	45	68.616	3.556	68.524	1.477	1.650	66.375	0.000	0.000	17.027	1055503.813	1079121.317	1563.560	DTA
12	1595	226	14	48	86	33	47	47.588	2.853	47.502	1.477	2.850	0.000	32.851	0.000	34.312	1055404.586	1079104.032	1561.657	TOP
12	1596	225	33	11	87	2	33	47.246	2.438	47.183	1.477	1.650	0.000	33.050	0.000	33.674	1055404.387	1079104.670	1562.442	CRK
12	1597	224	3	12	87	0	45	46.623	2.430	46.560	1.477	1.650	0.000	33.462	0.000	32.374	1055403.975	1079105.970	1562.434	TOP
12	1598	222	52	24	87	56	53	46.437	1.663	46.407	1.477	1.650	0.000	34.010	0.000	31.575	1055403.427	1079106.770	1561.667	TOP
12	1599	222	26	40	88	0	19	46.404	1.615	46.376	1.477	1.650	0.000	34.222	0.000	31.298	1055403.215	1079107.046	1561.619	BVIA
12	1600	220	0	0	88	0	16	45.915	1.599	45.887	1.477	1.650	0.000	35.152	0.000	29.496	1055402.285	1079108.848	1561.603	EJE
12	1601	217	30	51	88	8	49	45.556	1.473	45.532	1.477	1.650	0.000	36.043	0.000	27.822	1055401.393	1079110.522	1561.477	BVIA
12	1602	217	5	6	88	19	16	45.539	1.334	45.520	1.477	1.650	0.000	36.313	0.000	27.448	1055401.124	1079110.896	1561.338	TOP

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12	1603	216	17	17	87	30	16	45.297	1.972	45.254	1.477	1.650	0.000	36.477	0.000	26.783	1055400.960	1079111.561	1561.976	TOP
12	1604	212	23	48	86	46	56	44.726	2.510	44.656	1.477	1.650	0.000	37.705	0.000	23.926	1055399.732	1079114.419	1562.515	CRK
12	1605	211	22	47	86	14	21	44.740	2.934	44.644	1.477	1.650	0.000	38.114	0.000	23.247	1055399.323	1079115.098	1562.939	TOP
12	1606	211	29	42	86	22	14	37.084	2.347	37.010	1.477	1.650	0.000	31.557	0.000	19.335	1055405.879	1079119.009	1562.352	TOP
12	1607	212	32	29	87	3	49	36.845	1.887	36.797	1.477	1.650	0.000	31.020	0.000	19.793	1055406.417	1079118.551	1563.881	CRK
12	1608	217	25	22	88	29	20	37.168	0.980	37.155	1.477	1.650	0.000	29.507	0.000	22.579	1055407.929	1079115.765	1560.984	TOP
12	1609	218	26	55	89	1	42	37.160	0.630	37.155	1.477	1.650	0.000	29.098	0.000	23.103	1055408.339	1079115.241	1560.634	TOP
12	1610	219	26	25	88	51	23	37.274	0.744	37.267	1.477	1.650	0.000	28.780	0.000	23.675	1055408.656	1079114.670	1560.748	BVIA
12	1611	222	33	47	88	45	56	37.676	0.812	37.667	1.477	1.650	0.000	27.743	0.000	25.478	1055409.694	1079113.866	1560.816	EJE
12	1612	225	31	29	88	41	42	38.153	0.869	38.143	1.477	1.650	0.000	26.723	0.000	27.217	1055410.714	1079111.327	1560.873	BVIA
12	1613	225	54	23	88	38	57	38.176	0.900	38.165	1.477	1.650	0.000	26.557	0.000	27.411	1055410.880	1079110.933	1560.904	TOP
12	1614	227	26	12	88	8	11	38.699	1.258	38.679	1.477	1.650	0.000	26.162	0.000	28.488	1055411.275	1079109.856	1561.263	TOP
12	1615	229	22	41	87	16	9	39.723	1.431	39.697	1.477	1.650	0.000	25.845	0.000	30.131	1055411.592	1079108.213	1561.435	CRK
12	1616	229	48	33	88	40	7	40.269	0.936	40.258	1.477	1.650	0.000	25.980	0.000	30.753	1055411.457	1079107.591	1560.940	TOP
12	1617	236	29	21	89	50	58	32.450	0.085	32.450	1.477	2.150	0.000	17.915	0.000	27.056	1055419.572	1079111.288	1559.589	TOP
12	1618	236	13	0	90	6	33	31.332	0.000	31.332	1.477	1.650	0.000	17.422	0.000	26.042	1055420.015	1079112.303	1559.944	CRK
12	1619	234	53	7	89	38	16	30.395	0.192	30.394	1.477	1.650	0.000	17.484	0.000	24.862	1055419.953	1079113.482	1560.196	TOP
12	1620	232	29	21	90	7	21	29.508	-0.063	29.508	1.477	1.650	0.000	17.568	0.000	23.407	1055419.469	1079114.937	1559.941	BVIA
12	1621	230	17	2	89	47	38	30.170	0.108	30.170	1.477	1.650	0.000	16.278	0.000	23.207	1055418.159	1079115.137	1560.113	BVIA
12	1622	224	49	58	89	28	8	29.443	0.773	29.442	1.477	1.650	0.000	20.879	0.000	20.758	1055416.558	1079117.587	1560.277	EJE
12	1623	221	35	23	89	27	16	29.071	0.277	29.070	1.477	1.650	0.000	21.854	0.000	19.169	1055415.583	1079119.175	1560.281	BVIA
12	1624	220	12	39	89	41	49	29.044	0.154	29.044	1.477	1.650	0.000	22.180	0.000	18.751	1055415.257	1079119.593	1560.158	TOP
12	1625	218	28	21	88	38	54	28.923	0.682	28.915	1.477	1.650	0.000	22.638	0.000	17.989	1055414.799	1079120.355	1560.686	TOP
12	1626	212	29	46	87	50	1	29.066	1.099	29.045	1.477	1.650	0.000	24.497	0.000	15.604	1055412.939	1079122.740	1561.203	CRK
12	1627	210	57	53	86	58	42	28.946	1.526	28.906	1.477	1.650	0.000	24.785	0.000	14.872	1055412.651	1079123.472	1561.530	TOP
12	1628	237	39	26	91	8	9	29.171	-0.578	29.165	1.477	1.650	0.000	15.603	0.000	24.641	1055421.834	1079113.703	1559.426	BVIA
12	1629	246	25	21	92	33	11	32.335	-1.440	32.303	1.477	1.650	0.000	12.921	0.000	29.806	1055424.516	1079108.738	1558.564	BVIA
12	1630	243	49	28	91	13	18	33.991	-0.705	33.984	1.477	1.650	0.000	14.991	0.000	30.499	1055422.446	1079107.845	1559.299	CRK
12	1631	250	48	27	91	48	32	38.001	-1.200	37.982	1.477	1.650	0.000	17.486	0.000	35.871	1055424.953	1079102.473	1558.805	CRK
12	1632	253	6	27	93	24	34	36.969	-2.199	36.904	1.477	1.650	0.000	10.723	0.000	35.311	1055426.714	1079109.033	1557.806	BVIA
12	1633	256	33	45	93	37	31	35.117	-2.221	35.047	1.477	1.650	0.000	8.144	0.000	34.087	1055429.293	1079104.257	1557.784	BVIA
12	1634	258	23	29	93	54	37	34.078	-2.324	33.999	1.477	1.650	0.000	6.841	0.000	33.303	1055430.595	1079105.041	1557.680	CRK
12	1635	253	34	8	93	19	45	29.256	-1.699	29.207	1.477	1.650	0.000	8.261	0.000	28.034	1055429.176	1079110.330	1558.305	CRK
12	1636	251	12	33	92	44	30	30.165	-1.443	30.131	1.477	1.650	0.000	9.705	0.000	28.525	1055427.732	1079109.819	1558.563	BVIA
12	1637	241	43	53	90	51	7	24.364	-0.362	24.361	1.477	1.650	0.000	11.538	0.000	21.456	1055425.899	1079116.888	1559.642	BVIA
12	1638	244	4	58	90	19	44	23.302	-0.134	23.302	1.477	1.650	0.000	10.184	0.000	20.958	1055427.252	1079117.386	1559.870	CRK
12	1639	246	39	29	90	7	31	22.940	-0.050	22.940	1.477	1.650	0.000	9.089	0.000	21.062	1055428.348	1079117.282	1559.954	TOP
12	1640	240	3	15	88	41	19	21.512	0.492	21.506	1.477	1.650	0.000	10.736	0.000	18.835	1055426.701	1079119.709	1560.496	TOP
12	1641	235	24	27	89	56	41	23.071	0.022	23.071	1.477	1.650	0.000	13.098	0.000	18.992	1055424.339	1079119.352	1560.026	BVIA
12	1642	235	45	19	89	40	15	20.442	0.117	20.442	1.477	1.650	0.000	11.503	0.000	16.898	1055425.934	1079121.446	1560.122	BVIA

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12	1643	228	36	8	89	36	36	19.313	0.131	19.313	1.477	1.650	0.000	12.771	0.000	14.487	1055424.686	1079123.857	1560.136	EJE
12	1644	222	44	1	89	47	20	18.828	0.069	18.828	1.477	1.650	0.000	13.829	0.000	12.777	1055423.608	1079125.568	1560.073	BVIA
12	1645	221	3	7	90	19	46	18.838	-0.106	18.838	1.477	1.650	0.000	14.206	0.000	12.372	1055423.231	1079125.972	1559.896	TOP
12	1646	218	31	53	88	41	17	18.603	0.422	18.598	1.477	1.650	0.000	14.549	0.000	11.586	1055422.888	1079126.758	1560.426	TOP
12	1647	212	26	43	88	14	3	18.489	0.570	18.480	1.477	1.650	0.000	15.596	0.000	9.915	1055421.841	1079128.430	1560.574	TOP
12	1648	210	9	45	87	2	40	18.649	0.961	18.624	1.477	1.650	0.000	16.103	0.000	9.358	1055423.334	1079128.986	1560.966	CRK
12	1649	208	13	57	84	51	37	18.921	1.695	18.845	1.477	1.650	0.000	16.603	0.000	8.915	1055420.834	1079129.429	1561.699	TOP
12	1650	201	28	45	84	0	46	15.224	1.379	15.152	1.477	1.650	0.000	12.238	0.000	4.816	1055425.198	1079133.528	1561.383	TOP
12	1651	204	11	49	87	43	33	12.855	0.510	12.845	1.477	1.650	0.000	11.716	0.000	5.265	1055425.721	1079133.079	1560.514	CRK
12	1652	207	29	42	88	36	15	12.443	0.303	12.439	1.477	1.650	0.000	11.034	0.000	5.743	1055426.403	1079132.601	1560.307	TOP
12	1653	221	35	41	91	9	36	12.500	-0.253	12.498	1.477	1.650	0.000	9.346	0.000	8.297	1055428.090	1079130.048	1559.751	TOP
12	1654	226	11	1	90	4	39	12.597	-0.017	12.597	1.477	1.650	0.000	8.721	0.000	9.090	1055428.715	1079129.255	1559.987	BVIA
12	1655	235	5	23	89	53	31	13.343	0.025	13.343	1.477	1.650	0.000	7.636	0.000	10.942	1055429.801	1079127.402	1560.029	EJE
12	1656	242	18	58	90	0	12	14.502	-0.001	14.502	1.477	1.650	0.000	6.738	0.000	12.842	1055430.699	1079125.902	1560.003	BVIA
12	1657	245	10	24	88	15	30	14.866	0.452	14.859	1.477	1.650	0.000	6.239	0.000	13.486	1055431.398	1079124.858	1560.456	TOP
12	1658	247	57	17	89	36	32	15.099	0.303	15.099	1.477	1.650	0.000	5.667	0.000	13.995	1055431.770	1079124.349	1560.107	CRK
12	1659	250	28	47	90	53	49	15.442	-0.242	15.440	1.477	1.650	0.000	5.168	0.000	14.550	1055432.269	1079123.794	1559.762	TOP
12	1660	264	12	59	92	58	42	11.507	-0.598	11.492	1.477	1.650	0.000	1.158	0.000	11.433	1055436.279	1079126.911	1559.408	TOP
12	1661	262	18	34	92	34	59	10.788	-0.486	10.777	1.477	1.650	0.000	1.442	0.000	10.680	1055435.995	1079127.664	1559.518	CRK
12	1662	261	1	5	90	50	16	10.276	0.150	10.275	1.477	1.650	0.000	1.604	0.000	10.149	1055435.833	1079128.195	1559.854	TOP
12	1663	259	26	26	91	10	38	9.919	-0.204	9.917	1.477	1.650	0.000	1.817	0.000	9.749	1055435.620	1079128.595	1559.800	BVIA
12	1664	269	41	46	90	22	50	7.914	-0.053	7.914	1.477	1.650	0.000	2.746	0.000	7.422	1055434.691	1079130.922	1559.952	EJE
12	1665	239	58	55	90	43	46	6.510	-0.003	6.510	1.477	1.650	0.000	3.257	0.000	5.636	1055434.180	1079132.708	1559.921	BVIA
12	1666	235	10	55	92	47	42	6.109	-0.298	6.102	1.477	1.650	0.000	3.484	0.000	5.009	1055433.953	1079133.335	1559.706	TOP
12	1667	175	2	49	86	45	16	5.474	0.310	5.465	1.477	1.650	0.000	5.445	0.472	0.000	1055431.992	1079138.816	1560.314	CRK
12	1668	168	12	4	84	21	41	5.885	0.578	5.857	1.477	1.650	0.000	5.733	1.198	0.000	1055431.704	1079139.542	1560.582	TOP
12	1669	141	48	56	83	8	28	4.001	0.478	3.972	1.477	1.650	0.000	3.122	2.456	0.000	1055434.314	1079140.800	1560.482	CRK
12	1670	50	17	35	78	7	38	3.489	0.718	3.434	1.477	1.650	2.182	0.000	2.626	0.000	1055439.618	1079140.971	1560.722	TOP
12	1671	42	44	24	79	5	14	3.106	0.588	3.050	1.477	1.650	2.240	0.000	2.070	0.000	1055439.677	1079140.414	1560.592	CRK
12	1672	327	12	25	92	24	4	2.931	-0.123	2.928	1.477	1.650	2.462	0.000	0.000	1.586	1055439.899	1079136.758	1559.881	TOP
12	1673	316	13	36	98	43	50	3.665	-0.556	3.623	1.477	1.650	2.636	0.000	0.000	2.506	1055440.058	1079135.838	1559.448	TOP
12	1674	312	30	52	90	43	1	4.306	-0.054	4.306	1.477	1.650	2.910	0.000	0.000	3.174	1055440.347	1079135.170	1559.950	BVIA
12	1675	302	48	47	90	21	30	6.539	-0.041	6.539	1.477	1.650	3.543	0.000	0.000	5.496	1055440.980	1079132.849	1559.963	EJE
12	1676	297	37	40	90	22	11	8.318	-0.055	8.318	1.477	1.650	3.857	0.000	0.000	7.369	1055441.294	1079130.975	1559.950	BVIA
12	1677	295	46	50	90	54	29	9.527	-0.151	9.526	1.477	1.650	4.143	0.000	0.000	8.578	1055441.580	1079129.766	1559.853	CRK
12	1678	295	55	0	93	27	35	10.176	-0.614	10.157	1.477	1.650	4.440	0.000	0.000	9.136	1055441.876	1079129.208	1559.390	TOP
12	1679	317	21	33	91	32	35	12.101	-0.326	12.097	1.477	1.650	8.898	0.000	0.000	8.194	1055446.135	1079130.150	1559.678	TOP
12	1680	318	50	2	89	54	46	11.375	0.017	11.375	1.477	1.650	8.563	0.000	0.000	7.488	1055446.000	1079130.857	1560.021	CRK
12	1681	322	19	47	90	10	17	10.819	-0.032	10.819	1.477	1.650	8.564	0.000	0.000	6.612	1055446.001	1079131.732	1559.972	BVIA
12	1682	330	29	40	89	58	46	9.502	0.009	9.502	1.477	1.650	8.270	0.000	0.000	4.680	1055445.707	1079133.664	1560.008	EJE

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12	1683	343	50	41	90	17	8	8.245	-0.041	8.245	1.477	1.650	7.919	0.000	0.000	2.294	1055445.356	1079136.090	1559.963	BVIA
12	1684	349	4	49	94	57	54	7.971	-0.690	7.941	1.477	1.650	7.797	0.000	0.000	1.504	1055445.234	1079136.840	1559.314	TOP
12	1685	355	11	31	92	0	30	7.738	-0.271	7.733	1.477	1.650	7.706	0.000	0.000	0.648	1055445.143	1079137.696	1559.733	TOP
12	1686	13	8	40	90	18	45	7.770	-0.042	7.770	1.477	1.650	7.566	0.000	1.767	0.000	1055445.003	1079140.111	1559.962	CRR
12	1687	17	33	43	86	29	23	7.848	0.480	7.833	1.477	1.650	7.468	0.000	2.364	0.000	1055444.905	1079140.708	1560.485	TOP
12	1688	359	58	51	93	25	3	13.250	-0.798	13.226	1.477	1.650	13.226	0.000	0.000	0.004	1055450.663	1079138.340	1559.214	ALC
12	1689	359	7	6	93	25	36	13.372	-0.799	13.348	1.477	1.650	13.347	0.000	0.000	0.205	1055450.783	1079138.139	1559.205	ALC
12	1690	359	14	22	93	6	48	14.894	-0.809	14.872	1.477	1.650	14.871	0.000	0.000	0.197	1055452.308	1079138.147	1559.195	ALC
12	1691	359	52	55	92	40	22	14.964	-0.699	14.968	1.477	1.650	14.968	0.000	0.000	0.031	1055452.405	1079138.313	1559.305	ALC
12	1692	355	19	32	90	50	43	15.113	-0.223	15.111	1.477	1.650	15.061	0.000	0.000	1.231	1055452.498	1079137.113	1559.781	ALC
12	1693	354	23	59	90	50	45	15.150	-0.224	15.148	1.477	1.650	15.076	0.000	0.000	1.478	1055452.513	1079136.866	1559.780	ALC
12	1694	354	29	22	90	57	36	13.200	-0.221	13.198	1.477	1.650	13.137	0.000	0.000	1.267	1055450.574	1079137.077	1559.783	ALC
12	1695	353	32	45	90	54	44	13.215	-0.210	13.213	1.477	1.650	13.130	0.000	0.000	1.485	1055450.566	1079136.859	1559.794	ALC
12	1696	355	18	16	97	9	30	14.237	-1.774	14.126	1.477	1.650	14.079	0.000	0.000	1.156	1055451.516	1079137.188	1558.230	BATEA
12	1697	352	2	26	89	56	58	14.293	0.013	14.293	1.477	1.650	14.155	0.000	0.000	1.979	1055451.592	1079136.365	1560.017	BVIA
12	1698	343	8	22	89	46	2	14.893	0.060	14.893	1.477	1.650	14.253	0.000	0.000	4.320	1055451.690	1079134.025	1560.065	EJE
12	1699	336	1	54	89	55	6	15.614	0.022	15.614	1.477	1.650	14.268	0.000	0.000	6.343	1055451.705	1079132.001	1560.026	BVIA
12	1700	334	20	8	90	45	53	16.876	-0.225	16.875	1.477	1.650	15.210	0.000	0.000	7.308	1055452.647	1079131.036	1559.779	ALC
12	1701	330	14	42	90	52	35	14.708	-0.225	14.706	1.477	1.650	12.767	0.000	0.000	7.299	1055450.204	1079131.046	1559.779	ALC
12	1702	335	6	14	90	40	45	16.807	-0.199	16.806	1.477	1.650	15.744	0.000	0.000	7.075	1055452.681	1079131.269	1559.805	ALC
12	1703	332	12	11	94	37	0	15.884	-1.279	15.832	1.477	2.150	14.006	0.000	0.000	7.383	1055451.442	1079130.961	1558.226	BATEA
12	1704	333	7	16	90	56	33	23.985	-0.397	23.982	1.477	1.650	21.391	0.000	0.000	10.842	1055458.828	1079127.502	1559.607	TOP
12	1705	334	54	57	90	16	37	23.687	-0.115	23.687	1.477	1.650	21.453	0.000	0.000	10.042	1055458.890	1079128.302	1559.890	CRR
12	1706	337	48	19	89	24	2	23.487	0.246	23.486	1.477	1.650	21.746	0.000	0.000	8.872	1055459.182	1079129.472	1560.250	TOP
12	1707	340	37	56	89	44	39	23.430	0.305	23.430	1.477	1.650	22.104	0.000	0.000	7.770	1055459.541	1079130.574	1560.109	BVIA
12	1708	347	42	11	89	34	38	23.110	0.170	23.109	1.477	1.650	22.579	0.000	0.000	4.922	1055460.016	1079133.422	1560.175	EJE
12	1709	353	39	2	89	39	19	23.235	0.140	23.235	1.477	1.650	23.092	0.000	0.000	2.569	1055460.529	1079135.775	1560.144	BVIA
12	1710	0	33	25	89	28	13	25.195	0.233	25.194	1.477	1.650	25.193	0.000	0.245	0.000	1055462.630	1079138.589	1560.237	ENTRD
12	1711	2	32	3	89	22	12	21.293	0.234	21.292	1.477	1.650	21.271	0.000	0.942	0.000	1055458.708	1079139.286	1560.238	ENTRD
12	1712	359	11	31	89	11	47	28.821	0.404	28.818	1.477	1.650	28.815	0.000	0.000	0.406	1055466.252	1079137.938	1560.408	CRR
12	1713	356	42	30	88	54	1	28.444	0.546	28.439	1.477	1.650	28.392	0.000	0.000	1.633	1055465.829	1079136.711	1560.550	CRR
12	1714	354	47	12	90	10	19	32.235	-0.092	32.235	1.477	0.400	32.102	0.000	0.000	2.929	1055469.538	1079135.415	1561.157	CRR
12	1715	351	49	2	89	4	29	33.900	0.547	33.896	1.477	1.650	33.592	0.000	0.000	4.824	1055470.987	1079133.520	1560.552	TOP
12	1716	350	30	59	89	40	49	33.953	0.189	33.952	1.477	1.650	33.488	0.000	0.000	5.594	1055470.925	1079132.750	1560.194	TOP
12	1717	349	43	41	89	17	22	34.049	0.422	34.046	1.477	1.650	33.501	0.000	0.000	6.071	1055470.938	1079132.273	1560.426	BVIA
12	1718	345	48	25	89	16	1	33.821	0.433	33.818	1.477	1.650	32.786	0.000	0.000	8.292	1055470.223	1079130.052	1560.437	EJE
12	1719	342	21	36	89	9	4	33.833	0.501	33.829	1.477	1.650	32.239	0.000	0.000	10.251	1055469.678	1079128.093	1560.505	BVIA
12	1720	340	7	58	88	52	3	33.886	0.670	33.879	1.477	1.650	31.863	0.000	0.000	11.514	1055469.300	1079126.831	1560.674	TOP
12	1721	338	16	1	88	42	33	34.274	0.772	34.265	1.477	1.650	31.830	0.000	0.000	12.688	1055469.267	1079125.656	1560.776	CRR
12	1722	337	2	23	88	51	23	34.591	0.691	34.584	1.477	1.650	31.844	0.000	0.000	13.491	1055469.281	1079124.853	1560.695	TOP

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12	1723	337	18	21	87	51	19	39.476	1.473	39.448	1.477	1.650	36.394	0.000	0.000	15.220	1055473.831	1079123.124	1561.478	TOP
12	1724	338	29	37	87	53	3	39.322	1.452	39.295	1.477	1.650	36.559	0.000	0.000	14.406	1055473.996	1079123.938	1561.456	CRK
12	1725	340	44	51	88	11	2	39.280	1.245	39.260	1.477	1.650	37.065	0.000	0.000	12.945	1055474.502	1079125.399	1561.249	TOP
12	1726	342	37	10	88	49	20	39.454	0.811	39.446	1.477	1.650	37.645	0.000	0.000	11.783	1055475.082	1079126.561	1560.815	TOP
12	1727	343	27	22	88	52	41	39.426	0.772	39.418	1.477	1.650	37.787	0.000	0.000	11.224	1055475.223	1079127.120	1560.776	BVIA
12	1728	346	15	44	88	49	33	39.419	0.808	39.411	1.477	1.650	38.283	0.000	0.000	9.359	1055475.720	1079128.985	1560.812	EJE
12	1729	348	24	56	88	55	53	39.677	0.740	39.670	1.477	1.650	38.862	0.000	0.000	7.988	1055476.299	1079130.378	1560.744	BVIA
12	1730	349	28	23	89	8	8	39.837	0.601	39.832	1.477	1.650	39.162	0.000	0.000	7.277	1055476.599	1079131.067	1560.605	TOP
12	1731	351	10	1	88	6	50	39.862	1.312	39.840	1.477	1.650	39.368	0.000	0.000	6.118	1055476.805	1079131.227	1561.316	TOP
13	12	165	36	45	92	42	59	68.601	-3.251	68.524	1.518	1.650	0.000	66.375	17.027	0.000	1055437.437	1079138.344	1560.177	DTA
13	14	7	58	8	87	31	28	26.611	1.149	26.586	1.518	1.650	26.329	0.000	3.686	0.000	1055530.141	1079125.003	1564.578	DTA
13	1732	153	3	59	93	1	57	22.392	-1.185	22.361	1.518	0.050	0.000	19.935	10.128	0.000	1055483.876	1079131.446	1563.844	CRK
13	1733	156	43	18	93	30	32	21.773	-1.333	21.732	1.518	1.650	0.000	19.963	8.588	0.000	1055483.848	1079129.906	1562.096	TOP
13	1734	158	24	27	94	59	6	21.866	-1.900	21.783	1.518	1.650	0.000	20.255	8.016	0.000	1055483.557	1079129.334	1561.528	TOP
13	1735	161	16	47	94	13	0	21.774	-1.727	21.705	1.518	1.650	0.000	20.557	6.966	0.000	1055483.255	1079128.284	1561.701	BVIA
13	1736	165	55	39	94	35	57	21.709	-1.741	21.639	1.518	1.650	0.000	20.990	5.261	0.000	1055482.822	1079126.579	1561.688	EJE
13	1737	170	6	8	94	39	10	21.688	-1.759	21.617	1.518	1.650	0.000	21.295	3.716	0.000	1055482.517	1079125.033	1561.669	BVIA
13	1738	171	17	54	94	41	51	21.728	-1.777	21.655	1.518	1.650	0.000	21.406	3.276	0.000	1055482.406	1079124.594	1561.651	TOP
13	1739	176	40	45	91	56	10	21.291	-0.719	21.279	1.518	1.650	0.000	21.243	1.233	0.000	1055482.568	1079122.550	1562.709	TOP
13	1740	180	13	30	91	46	47	21.699	-0.674	21.689	1.518	1.650	0.000	21.688	0.000	0.097	1055482.123	1079121.221	1562.754	CRK
13	1741	182	44	54	92	50	24	21.739	-1.077	21.712	1.518	1.650	0.000	21.687	0.000	1.041	1055482.124	1079120.276	1562.351	TOP
13	1742	187	38	51	93	35	45	15.336	-0.962	15.306	1.518	1.650	0.000	15.170	0.000	2.037	1055488.642	1079119.280	1562.466	TOP
13	1743	185	6	8	92	0	27	15.102	-0.529	15.093	1.518	1.650	0.000	15.033	0.000	1.342	1055488.779	1079119.975	1562.899	CRK
13	1744	179	49	25	91	53	54	14.858	-0.492	14.850	1.518	1.650	0.000	14.850	0.046	0.000	1055488.962	1079121.363	1562.936	TOP
13	1745	175	12	53	93	49	5	14.699	-0.979	14.666	1.518	1.650	0.000	14.615	1.223	0.000	1055489.196	1079122.541	1562.450	TOP
13	1746	172	49	37	94	2	29	14.740	-1.039	14.709	1.518	1.650	0.000	14.588	1.836	0.000	1055489.223	1079123.153	1562.389	BVIA
13	1747	165	22	37	93	38	8	14.836	-0.941	14.806	1.518	1.650	0.000	14.327	3.738	0.000	1055489.485	1079125.055	1562.488	EJE
13	1748	158	10	9	93	36	59	15.041	-0.949	15.011	1.518	1.650	0.000	13.951	5.342	0.000	1055489.861	1079126.859	1562.480	BVIA
13	1749	155	54	7	93	46	12	15.350	-1.009	15.317	1.518	1.650	0.000	13.982	6.254	0.000	1055489.830	1079127.571	1562.419	TOP
13	1750	150	41	26	91	11	40	15.636	-0.326	15.633	1.518	1.650	0.000	13.632	7.653	0.000	1055490.180	1079128.970	1563.102	TOP
13	1751	148	5	53	88	7	38	16.170	0.528	16.161	1.518	1.650	0.000	13.720	8.541	0.000	1055490.091	1079129.858	1563.957	CRK
13	1752	145	0	53	86	44	6	16.466	0.598	16.439	1.518	1.650	0.000	13.469	9.426	0.000	1055490.343	1079130.743	1564.366	TOP
13	1753	143	34	9	87	29	13	13.678	0.600	13.665	1.518	1.650	0.000	10.994	8.115	0.000	1055492.817	1079129.432	1564.028	CRK
13	1754	133	6	52	83	38	27	15.338	1.699	15.244	1.518	1.650	0.000	10.418	11.128	0.000	1055493.393	1079132.445	1565.127	ENTRD
13	1755	115	35	44	81	47	23	13.100	1.871	12.986	1.518	1.650	0.000	5.601	11.693	0.000	1055498.210	1079133.011	1565.299	ENTRD
13	1756	117	23	29	82	48	33	9.932	1.243	9.854	1.518	1.650	0.000	4.533	8.749	0.000	1055499.278	1079130.067	1564.672	ENTRD
13	1757	90	48	46	78	31	22	8.607	1.713	8.435	1.518	1.650	0.000	0.120	8.434	0.000	1055503.692	1079129.751	1565.141	ENTRD
13	1758	87	14	3	78	27	23	8.080	1.617	7.917	1.518	1.650	0.382	0.000	7.907	0.000	1055504.194	1079129.225	1565.045	PGAS
13	1759	109	31	4	84	58	5	5.175	0.454	5.155	1.518	1.650	0.000	1.722	4.859	0.000	1055502.089	1079126.176	1563.882	BVIA
13	1760	150	31	54	90	44	13	9.833	-0.127	9.832	1.518	1.650	0.000	8.560	4.837	0.000	1055495.251	1079126.154	1563.902	BVIA

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13	1761	93	6	21	80	47	55	6.443	1.040	6.359	1.518	1.650	0.000	0.345	6.349	0.000	1055503.467	1079127.667	1564.868	TOP
13	1762	92	54	3	87	1	51	5.087	0.264	5.080	1.518	1.650	0.000	0.257	5.074	0.000	1055503.555	1079126.391	1563.692	TOP
13	1763	91	57	57	85	2	45	4.640	0.401	4.623	1.518	1.650	0.000	0.159	4.620	0.000	1055503.653	1079125.937	1563.829	BVIA
13	1764	100	12	44	85	5	46	2.315	0.198	2.307	1.518	1.650	0.000	0.409	2.270	0.000	1055503.403	1079123.587	1563.626	EJE
13	1765	179	30	6	80	58	52	0.881	0.118	0.870	1.518	1.650	0.000	0.870	0.008	0.000	1055502.941	1079121.325	1563.567	BVIA
13	1766	226	59	49	63	50	2	1.311	0.578	1.177	1.518	1.650	0.000	0.802	0.000	0.860	1055503.009	1079120.457	1564.006	TOP
13	1767	230	15	55	67	32	21	1.911	0.730	1.766	1.518	1.650	0.000	1.129	0.000	1.358	1055502.681	1079119.959	1564.158	CRK
13	1768	247	50	9	74	35	17	2.243	0.596	2.162	1.518	1.650	0.000	0.816	0.000	2.003	1055502.998	1079119.315	1564.024	TOP
13	1769	348	25	34	81	22	47	6.634	0.994	6.559	1.518	1.650	6.426	0.000	0.000	1.316	1055510.237	1079120.002	1564.423	TOP
13	1770	353	33	3	81	22	43	6.146	0.921	6.077	1.518	1.650	6.038	0.000	0.000	0.683	1055509.850	1079120.635	1564.350	CRK
13	1771	357	19	46	82	49	52	5.970	0.745	5.923	1.518	1.650	5.917	0.000	0.000	0.276	1055509.728	1079121.041	1564.173	TOP
13	1772	0	31	45	85	52	23	6.053	0.436	6.037	1.518	1.650	6.037	0.000	0.056	0.000	1055509.849	1079121.373	1563.868	TOP
13	1773	4	52	12	86	13	37	6.024	0.396	6.011	1.518	1.650	5.989	0.000	0.510	0.000	1055509.801	1079121.828	1563.825	BVIA
13	1774	24	42	8	85	17	28	6.696	0.550	6.673	1.518	1.650	6.063	0.000	2.789	0.000	1055509.874	1079124.106	1563.978	BVIA
13	1775	36	18	16	85	56	7	7.455	0.528	7.436	1.518	1.650	5.993	0.000	4.403	0.000	1055509.804	1079125.720	1563.957	BVIA
13	1776	39	43	51	87	10	34	7.831	0.386	7.822	1.518	1.650	6.015	0.000	4.999	0.000	1055509.827	1079126.317	1563.814	TOP
13	1777	43	45	13	80	56	34	8.844	1.392	8.734	1.518	1.650	6.306	0.000	6.040	0.000	1055510.120	1079127.357	1564.821	TOP
13	1778	51	54	1	79	35	44	10.049	1.815	9.884	1.518	1.650	6.099	0.000	7.778	0.000	1055509.910	1079129.095	1565.243	CRK
13	1779	54	11	47	76	21	12	10.704	2.525	10.402	1.518	1.650	6.085	0.000	8.436	0.000	1055509.897	1079129.754	1565.954	TOP
13	1780	34	59	43	80	2	12	15.301	2.613	14.873	1.518	1.650	12.184	0.000	8.530	0.000	1055515.996	1079129.847	1566.041	TOP
13	1781	32	58	55	81	55	55	14.713	2.065	14.567	1.518	1.650	12.220	0.000	7.930	0.000	1055516.031	1079129.248	1565.493	CRK
13	1782	25	50	48	83	29	34	13.881	1.571	13.772	1.518	1.650	12.394	0.000	6.004	0.000	1055516.206	1079127.321	1564.999	TOP
13	1783	22	5	50	87	13	44	13.238	0.640	13.222	1.518	1.650	12.251	0.000	4.974	0.000	1055516.083	1079126.291	1564.068	TOP
13	1784	19	39	29	86	34	17	13.091	0.783	13.068	1.518	1.650	12.306	0.000	4.396	0.000	1055516.138	1079125.713	1564.211	BVIA
13	1785	11	25	51	88	26	1	12.763	0.794	12.738	1.518	1.650	12.486	0.000	2.525	0.000	1055516.297	1079123.842	1564.227	EJE
13	1786	3	15	16	86	48	40	12.618	0.702	12.598	1.518	1.650	12.578	0.000	0.715	0.000	1055516.390	1079122.033	1564.130	BVIA
13	1787	359	46	8	84	28	46	12.712	1.221	12.653	1.518	1.650	12.658	0.000	0.000	0.051	1055516.464	1079121.266	1564.651	TOP
13	1788	356	33	22	83	53	28	12.752	1.357	12.680	1.518	1.650	12.637	0.000	0.000	0.762	1055516.468	1079120.556	1564.585	CRK
13	1789	352	59	13	85	13	21	12.663	1.055	12.619	1.518	1.650	12.525	0.000	0.000	1.541	1055516.336	1079119.777	1564.283	TOP
14	13	187	58	8	91	57	47	26.602	-0.913	26.586	1.544	1.650	0.000	26.329	0.000	3.686	1055503.812	1079121.317	1563.560	DTA
14	15	337	4	19	88	40	11	87.318	5.072	87.171	1.544	1.650	80.284	0.000	0.000	33.959	1055630.425	1079091.044	1569.544	DTA
14	1790	213	29	22	92	58	5	10.048	-0.520	10.035	1.544	1.650	0.000	8.369	0.000	5.537	1055521.772	1079119.466	1563.951	TOP
14	1791	209	33	16	90	25	10	9.435	-0.069	9.435	1.544	1.650	0.000	8.207	0.000	4.654	1055521.934	1079120.349	1564.403	CRK
14	1792	204	55	35	88	38	33	9.169	0.217	9.167	1.544	1.650	0.000	8.313	0.000	3.863	1055521.878	1079121.140	1564.685	TOP
14	1793	202	39	26	90	39	11	8.869	-0.101	8.868	1.544	1.650	0.000	8.184	0.000	3.416	1055521.957	1079121.587	1564.371	TOP
14	1794	200	12	51	90	37	55	8.777	-0.148	8.776	1.544	1.650	0.000	8.235	0.000	3.032	1055521.906	1079121.971	1564.324	BVIA
14	1795	186	3	7	90	13	48	8.189	-0.033	8.189	1.544	1.650	0.000	8.144	0.000	0.859	1055521.997	1079124.145	1564.439	EJE
14	1796	175	13	20	90	28	13	8.149	-0.067	8.149	1.544	1.650	0.000	8.120	0.679	0.000	1055522.021	1079125.682	1564.405	BVIA
14	1797	170	36	22	91	56	22	8.217	-0.278	8.212	1.544	1.650	0.000	8.102	1.340	0.000	1055522.039	1079126.544	1564.194	TOP
14	1798	164	35	12	86	15	28	8.531	0.557	8.513	1.544	1.650	0.000	8.207	2.263	0.000	1055521.934	1079127.266	1565.028	TOP

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14	1799	153	24	47	82	44	54	8.938	1.128	8.867	1.544	1.650	0.000	7.929	3.968	0.000	1055522.212	1079128.971	1565.600	CRK
14	1800	148	52	12	80	27	14	9.198	1.525	9.071	1.544	1.650	0.000	7.764	4.689	0.000	1055522.377	1079129.693	1565.997	TOP
14	1801	138	50	41	71	51	45	5.089	1.584	4.836	1.544	1.650	0.000	2.333	4.236	0.000	1055527.808	1079129.239	1566.056	TOP
14	1802	124	40	16	74	15	99	4.335	1.176	4.172	1.544	1.650	0.000	2.874	3.432	0.000	1055527.767	1079128.435	1565.648	CRK
14	1803	142	7	13	80	40	38	3.197	0.518	3.155	1.544	1.650	0.000	2.490	1.937	0.000	1055527.651	1079126.940	1564.990	TOP
14	1804	161	24	6	93	1	41	2.917	-0.154	2.913	1.544	1.650	0.000	2.761	0.929	0.000	1055527.380	1079125.932	1564.318	TOP
14	1805	172	30	41	88	56	18	2.888	0.053	2.888	1.544	1.650	0.000	2.863	0.375	0.000	1055527.278	1079125.380	1564.525	BVIA
14	1806	204	55	27	89	10	35	3.528	0.051	3.528	1.544	1.650	0.000	3.195	0.000	1.487	1055526.942	1079123.517	1564.522	EJE
14	1807	224	48	52	90	5	52	4.979	-0.009	4.979	1.544	1.650	0.000	3.532	0.000	3.509	1055526.609	1079121.494	1564.463	BVIA
14	1808	226	38	14	89	20	20	5.365	0.062	5.365	1.544	1.650	0.000	3.683	0.000	3.900	1055526.458	1079121.103	1564.594	TOP
14	1809	229	48	50	86	57	30	5.935	0.315	5.927	1.544	1.650	0.000	3.824	0.000	4.528	1055526.317	1079120.475	1564.787	TOP
14	1810	232	16	51	90	52	58	6.483	-0.100	6.482	1.544	1.650	0.000	3.966	0.000	5.128	1055526.175	1079119.876	1564.372	CRK
14	1811	235	19	58	92	4	27	7.230	-0.262	7.225	1.544	1.650	0.000	4.110	0.000	5.943	1055526.031	1079119.061	1564.210	TOP
14	1812	290	17	58	92	7	15	7.628	-0.382	7.623	1.544	1.650	2.645	0.000	0.000	7.149	1055532.786	1079117.854	1564.189	TOP
14	1813	293	27	17	87	45	12	6.929	0.272	6.924	1.544	1.650	2.756	0.000	0.000	6.352	1055532.897	1079118.652	1564.743	CRK
14	1814	296	4	50	86	37	2	6.542	0.386	6.531	1.544	1.650	2.871	0.000	0.000	5.866	1055533.012	1079119.138	1564.858	TOP
14	1815	299	0	46	88	51	41	6.337	0.126	6.336	1.544	1.650	3.073	0.000	0.000	5.541	1055533.214	1079119.463	1564.598	TOP
14	1816	304	1	53	89	28	8	5.988	0.055	5.988	1.544	1.650	3.351	0.000	0.000	4.962	1055533.492	1079120.041	1564.527	BVIA
14	1817	322	57	26	87	31	2	5.017	0.214	5.012	1.544	1.650	4.001	0.000	0.000	3.019	1055534.142	1079121.984	1564.886	EJE
14	1818	341	42	53	87	7	29	4.749	0.238	4.743	1.544	1.650	4.503	0.000	0.000	1.488	1055534.645	1079123.515	1564.710	BVIA
14	1819	349	11	28	89	26	29	4.770	0.046	4.770	1.544	1.650	4.685	0.000	0.000	0.894	1055534.826	1079124.109	1564.518	TOP
14	1820	1	51	34	81	34	28	4.744	0.695	4.693	1.544	1.650	4.690	0.000	0.152	0.000	1055534.831	1079125.155	1565.167	TOP
14	1821	6	21	57	75	9	10	5.057	1.296	4.888	1.544	1.650	4.858	0.000	0.542	0.000	1055534.999	1079125.545	1565.767	CRK
14	1822	13	50	21	71	35	49	5.280	1.651	4.963	1.544	1.650	4.818	0.000	1.187	0.000	1055534.960	1079126.190	1566.123	TOP
15	14	157	4	19	93	10	32	87.305	-4.836	87.171	1.520	1.650	0.000	80.284	33.959	0.000	1055530.141	1078125.003	1564.578	DTA
15	16	353	30	22	86	6	54	76.505	3.184	76.329	1.520	1.650	75.839	0.000	0.000	8.633	1055686.264	1079042.411	1574.598	DTA
15	1823	160	50	51	93	51	27	76.837	-5.170	76.663	1.520	1.650	0.000	72.420	25.152	0.000	1055538.005	1079116.195	1564.244	TOP
15	1824	160	31	59	93	16	24	76.857	-4.389	76.732	1.520	1.650	0.000	72.345	25.572	0.000	1055538.080	1079116.616	1565.026	CRK
15	1825	160	3	59	93	17	42	76.802	-4.415	76.675	1.520	1.650	0.000	72.081	26.141	0.000	1055538.343	1079117.185	1564.999	TOP
15	1826	159	37	47	93	28	30	76.871	-4.659	76.730	1.520	1.650	0.000	71.931	26.709	0.000	1055538.493	1079117.752	1564.755	BVIA
15	1827	158	7	41	93	25	29	76.856	-4.591	76.719	1.520	1.650	0.000	71.197	28.580	0.000	1055539.228	1079119.624	1564.823	EJE
15	1828	156	54	56	93	34	0	76.728	-4.551	76.593	1.520	1.650	0.000	70.460	30.031	0.000	1055539.965	1079121.075	1564.864	BVIA
15	1829	156	22	39	93	32	4	76.810	-4.736	76.664	1.520	1.650	0.000	70.240	30.720	0.000	1055540.185	1079121.763	1564.678	TOP
15	1830	155	41	15	93	41	32	68.649	-4.421	68.507	1.520	0.200	0.000	62.431	28.205	0.000	1055547.994	1079119.249	1566.443	CRK
15	1831	156	14	24	93	24	29	68.720	-4.685	68.599	1.520	1.650	0.000	62.784	27.639	0.000	1055547.640	1079118.682	1565.329	TOP
15	1832	156	46	2	93	42	58	68.716	-4.454	68.572	1.520	1.650	0.000	63.011	27.049	0.000	1055547.414	1079118.093	1564.960	TOP
15	1833	157	21	40	93	34	41	68.709	-4.288	68.575	1.520	1.650	0.000	63.292	26.396	0.000	1055547.133	1079117.440	1565.126	BVIA
15	1834	158	31	18	93	34	11	68.442	-4.262	68.309	1.520	1.650	0.000	63.580	24.974	0.000	1055546.844	1079116.018	1565.152	EJE
15	1835	160	16	51	93	35	27	68.704	-4.303	68.569	1.520	1.650	0.000	64.548	23.136	0.000	1055545.877	1079114.180	1565.111	BVIA
15	1836	160	44	55	93	20	7	68.920	-4.010	68.803	1.520	1.650	0.000	64.956	22.685	0.000	1055545.469	1079113.729	1565.404	TOP

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15	1837	161	13	24	93	40	40	68.956	-4.423	68.814	1.520	1.650	0.000	65.152	22.150	0.000	1055545.273	1079113.193	1564.991	CRK
15	1838	161	46	14	94	7	0	69.211	-4.969	69.033	1.520	1.650	0.000	65.568	21.595	0.000	1055544.857	1079112.638	1564.445	TOP
15	1839	163	15	0	94	0	25	61.410	-4.291	61.260	1.520	1.650	0.000	58.661	17.655	0.000	1055551.764	1079108.699	1565.123	TOP
15	1840	162	47	29	93	44	35	61.594	-4.021	61.483	1.520	1.650	0.000	58.711	18.184	0.000	1055551.713	1079109.227	1565.333	CRK
15	1841	161	56	26	93	13	15	61.530	-3.457	61.433	1.520	1.650	0.000	58.407	19.044	0.000	1055552.018	1079110.088	1565.957	TOP
15	1842	161	21	18	93	35	54	61.407	-3.854	61.286	1.520	1.650	0.000	58.070	19.593	0.000	1055552.355	1079110.637	1565.560	TOP
15	1843	161	2	34	93	40	9	61.434	-3.931	61.308	1.520	1.650	0.000	57.983	19.916	0.000	1055552.442	1079110.960	1565.483	BVIA
15	1844	159	18	30	93	38	36	61.338	-3.898	61.214	1.520	1.650	0.000	57.266	21.629	0.000	1055553.159	1079112.673	1565.516	EJE
15	1845	157	16	31	93	41	30	61.165	-3.938	61.038	1.520	1.650	0.000	56.570	22.923	0.000	1055553.854	1079113.966	1565.476	BVIA
15	1846	157	17	23	93	52	27	61.174	-4.133	61.034	1.520	1.650	0.000	56.302	23.564	0.000	1055554.122	1079114.607	1565.281	TOP
15	1847	156	18	39	93	24	7	61.064	-3.624	60.956	1.520	1.650	0.000	55.820	24.491	0.000	1055554.605	1079115.534	1565.790	TOP
15	1848	155	11	17	94	3	0	61.093	-4.315	60.940	1.520	0.200	0.000	55.315	25.573	0.000	1055555.109	1079116.617	1566.549	CRK
15	1849	154	25	31	93	38	51	61.615	-3.920	61.490	1.520	0.200	0.000	55.466	26.544	0.000	1055554.959	1079117.588	1566.944	TOP
15	1850	153	14	37	92	30	32	53.755	-2.353	53.704	1.520	1.650	0.000	47.954	24.177	0.000	1055562.471	1079115.221	1567.061	TOP
15	1851	154	1	57	92	40	15	53.598	-2.498	53.540	1.520	1.650	0.000	48.135	23.443	0.000	1055562.290	1079114.487	1566.916	CRK
15	1852	156	9	6	93	9	58	53.399	-2.949	53.318	1.520	1.650	0.000	48.765	21.557	0.000	1055561.659	1079112.601	1566.465	TOP
15	1853	158	9	47	93	53	18	53.590	-3.634	53.467	1.520	1.650	0.000	49.630	19.888	0.000	1055560.794	1079110.931	1565.780	TOP
15	1854	158	40	22	93	47	42	53.604	-3.548	53.486	1.520	1.650	0.000	49.824	19.452	0.000	1055560.601	1079110.496	1565.866	BVIA
15	1855	160	35	36	93	37	51	53.786	-3.406	53.678	1.520	1.650	0.000	50.628	17.835	0.000	1055559.796	1079108.879	1566.008	EJE
15	1856	162	21	49	93	40	31	54.132	-3.470	54.021	1.520	1.650	0.000	51.482	16.367	0.000	1055558.943	1079107.410	1565.944	BVIA
15	1857	163	2	33	93	29	22	54.302	-3.305	54.201	1.520	1.650	0.000	51.845	15.808	0.000	1055558.580	1079106.852	1566.109	TOP
15	1858	163	26	1	93	9	39	54.375	-2.998	54.292	1.520	1.650	0.000	52.039	15.480	0.000	1055558.386	1079106.524	1566.416	TOP
15	1859	164	10	54	93	24	53	54.748	-3.261	54.661	1.520	1.650	0.000	52.583	14.897	0.000	1055557.843	1079105.941	1566.153	CRK
15	1860	164	49	31	93	48	41	54.898	-3.649	54.777	1.520	1.650	0.000	52.867	14.339	0.000	1055557.558	1079105.382	1565.765	TOP
15	1861	167	9	44	94	7	11	47.452	-3.409	47.339	1.520	2.150	0.000	46.146	10.514	0.000	1055564.278	1079101.560	1565.505	TOP
15	1862	166	23	16	94	27	16	47.033	-3.653	46.891	1.520	1.650	0.000	45.574	11.036	0.000	1055564.851	1079102.079	1565.761	CRK
15	1863	165	27	39	93	22	28	46.817	-2.756	46.736	1.520	1.650	0.000	45.239	11.752	0.000	1055565.185	1079102.778	1566.658	TOP
15	1864	165	4	41	93	38	9	46.776	-2.967	46.683	1.520	1.650	0.000	45.108	12.021	0.000	1055565.317	1079103.064	1566.448	TOP
15	1865	164	10	40	93	45	21	46.760	-3.063	46.680	1.520	1.650	0.000	44.892	12.722	0.000	1055565.533	1079103.765	1566.351	BVIA
15	1866	161	20	0	93	41	46	46.434	-2.992	46.317	1.520	1.650	0.000	43.881	14.824	0.000	1055566.544	1079105.868	1566.422	EJE
15	1867	158	53	37	93	49	28	46.388	-3.094	46.285	1.520	1.650	0.000	43.380	16.667	0.000	1055567.245	1079107.711	1566.320	BVIA
15	1868	158	9	33	93	56	1	46.429	-3.185	46.330	1.520	1.650	0.000	42.995	17.232	0.000	1055567.430	1079108.276	1566.229	TOP
15	1869	155	58	0	93	17	2	46.542	-2.666	46.466	1.520	1.650	0.000	42.437	18.924	0.000	1055567.987	1079109.968	1566.748	TOP
15	1870	153	43	0	92	38	41	46.300	-2.137	46.251	1.520	1.650	0.000	42.469	20.480	0.000	1055568.956	1079111.524	1567.277	CRK
15	1871	151	59	12	92	29	44	39.921	-1.738	39.883	1.520	1.650	0.000	35.210	18.732	0.000	1055575.214	1079109.776	1567.676	TOP
15	1872	153	17	30	92	44	38	39.941	-1.912	39.895	1.520	1.650	0.000	35.639	17.931	0.000	1055574.786	1079108.974	1567.502	CRK
15	1873	156	12	20	93	42	28	40.021	-2.588	39.937	1.520	1.650	0.000	36.543	16.113	0.000	1055573.882	1079107.157	1566.826	TOP
15	1874	158	22	18	94	8	24	40.110	-2.896	40.005	1.520	1.650	0.000	37.189	14.745	0.000	1055573.236	1079105.789	1566.518	TOP
15	1875	159	20	10	93	56	43	40.155	-2.763	40.060	1.520	1.650	0.000	37.483	14.138	0.000	1055572.942	1079105.180	1566.651	BVIA
15	1876	162	22	3	93	54	35	40.265	-2.745	40.171	1.520	1.650	0.000	38.284	12.168	0.000	1055572.141	1079103.212	1566.669	EJE

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15	1877	165	36	3	93	56	13	40.590	-2.787	40.494	1.520	1.650	0.000	39.222	10.070	0.000	1055571.200	1079101.113	1566.627	BVIA
15	1878	166	29	7	93	42	14	40.724	-2.631	40.639	1.520	1.650	0.000	39.514	9.497	0.000	1055570.911	1079100.541	1566.783	TOP
15	1879	167	43	11	93	52	50	41.103	-2.782	41.009	1.520	1.650	0.000	40.071	8.722	0.000	1055570.354	1079099.766	1566.632	CRK
15	1880	168	47	23	94	22	50	41.337	-3.158	41.216	1.520	1.650	0.000	40.430	8.013	0.000	1055569.995	1079099.056	1566.257	TOP
15	1881	174	18	2	94	56	21	31.832	-2.741	31.714	1.520	1.650	0.000	31.557	3.149	0.000	1055578.868	1079094.193	1566.674	TOP
15	1882	173	32	8	94	21	52	31.331	-2.384	31.240	1.520	1.650	0.000	31.042	3.517	0.000	1055579.383	1079094.561	1567.030	CRK
15	1883	170	51	23	93	19	16	31.221	-1.809	31.169	1.520	1.650	0.000	30.773	4.953	0.000	1055579.652	1079095.997	1567.605	TOP
15	1884	168	18	39	94	11	14	30.994	-2.263	30.911	1.520	1.650	0.000	30.270	6.263	0.000	1055580.154	1079097.306	1567.151	TOP
15	1885	167	34	37	94	19	30	30.990	-2.337	30.902	1.520	1.650	0.000	30.178	6.648	0.000	1055580.246	1079097.691	1567.077	BVIA
15	1886	163	40	15	94	28	15	30.846	-2.405	30.752	1.520	1.650	0.000	29.512	8.646	0.000	1055580.913	1079099.690	1567.009	EJE
15	1887	159	59	27	94	32	11	30.731	-2.431	30.635	1.520	1.650	0.000	28.786	10.482	0.000	1055581.639	1079101.526	1566.983	BVIA
15	1888	159	9	33	94	42	49	30.942	-2.543	30.837	1.520	1.650	0.000	28.820	10.971	0.000	1055581.605	1079102.015	1566.871	TOP
15	1889	155	22	3	93	44	24	30.845	-2.012	30.779	1.520	1.650	0.000	27.979	12.829	0.000	1055582.446	1079103.872	1567.402	TOP
15	1890	151	3	42	92	14	19	31.202	-1.219	31.178	1.520	1.650	0.000	27.285	15.086	0.000	1055583.139	1079106.130	1568.195	CRK
15	1891	149	32	46	92	8	14	31.405	-1.171	31.383	1.520	1.650	0.000	27.054	15.906	0.000	1055583.371	1079106.950	1568.243	TOP
15	1892	159	18	36	96	35	35	26.105	-2.997	25.932	1.520	1.650	0.000	24.260	9.162	0.000	1055586.165	1079100.206	1568.417	BATEA
15	1893	160	8	35	94	56	35	25.939	-2.235	25.843	1.520	1.650	0.000	24.306	8.778	0.000	1055586.119	1079099.822	1567.179	BVIA
15	1894	168	37	33	94	35	42	27.731	-2.222	27.642	1.520	1.650	0.000	27.099	5.451	0.000	1055583.326	1079096.495	1567.192	BVIA
15	1895	169	11	50	96	58	45	27.921	-3.393	27.716	1.520	1.650	0.000	27.225	5.195	0.000	1055583.200	1079096.238	1566.021	BATEA
15	1896	179	57	39	94	20	25	21.040	-1.592	20.980	1.520	1.650	0.000	20.980	0.014	0.000	1055589.445	1079091.058	1567.822	TOP
15	1897	177	32	21	93	5	31	20.882	-1.126	20.852	1.520	1.650	0.000	20.832	0.895	0.000	1055589.592	1079091.939	1568.288	CRK
15	1898	174	17	38	93	0	2	20.549	-1.076	20.521	1.520	1.650	0.000	20.419	2.040	0.000	1055590.005	1079093.084	1568.338	TOP
15	1899	170	34	5	95	11	17	20.456	-1.850	20.371	1.520	1.650	0.000	20.036	3.318	0.000	1055590.329	1079094.382	1567.564	TOP
15	1900	169	12	56	95	14	10	20.408	-1.862	20.323	1.520	1.650	0.000	19.964	3.803	0.000	1055590.461	1079094.846	1567.552	BVIA
15	1901	163	40	12	95	11	21	20.438	-1.849	20.354	1.520	1.650	0.000	19.933	5.723	0.000	1055590.892	1079096.767	1567.565	EJE
15	1902	159	5	6	95	16	25	20.438	-1.879	20.352	1.520	1.650	0.000	19.011	7.265	0.000	1055591.414	1079098.309	1567.535	BVIA
15	1903	157	35	51	95	37	52	20.587	-2.020	20.488	1.520	1.650	0.000	18.942	7.808	0.000	1055591.483	1079098.853	1567.384	TOP
15	1904	151	57	38	93	30	57	20.566	-1.261	20.527	1.520	1.650	0.000	18.118	9.650	0.000	1055592.307	1079100.693	1568.153	TOP
15	1905	146	33	3	91	29	15	20.677	-0.537	20.670	1.520	1.650	0.000	17.247	11.393	0.000	1055593.178	1079102.437	1568.877	CRK
15	1906	144	29	31	91	2	50	20.833	-0.381	20.830	1.520	1.650	0.000	16.956	12.088	0.000	1055593.489	1079103.142	1569.033	TOP
15	1907	136	26	46	89	16	13	16.092	0.205	16.091	1.520	1.650	0.000	11.661	11.087	0.000	1055598.763	1079102.131	1569.619	TOP
15	1908	138	53	40	89	13	35	15.735	0.212	15.734	1.520	1.650	0.000	11.855	10.344	0.000	1055598.569	1079101.388	1569.626	CRK
15	1909	145	38	35	92	38	40	14.707	-0.679	14.691	1.520	1.650	0.000	12.124	8.298	0.000	1055598.301	1079099.342	1568.735	TOP
15	1910	152	54	35	96	30	52	14.737	-1.672	14.642	1.520	1.650	0.000	13.086	6.668	0.000	1055597.389	1079097.712	1567.742	TOP
15	1911	155	55	18	95	34	29	14.397	-1.399	14.329	1.520	1.650	0.000	13.082	5.846	0.000	1055597.942	1079096.890	1568.015	BVIA
15	1912	163	0	12	95	31	37	14.061	-1.354	13.996	1.520	1.650	0.000	13.384	4.091	0.000	1055597.040	1079095.135	1568.060	EJE
15	1913	170	12	28	95	27	35	13.950	-1.327	13.887	1.520	1.650	0.000	13.685	2.362	0.000	1055596.740	1079093.405	1568.087	BVIA
15	1914	171	53	38	95	25	11	13.978	-1.320	13.916	1.520	1.650	0.000	13.777	1.962	0.000	1055596.648	1079093.006	1568.064	TOP
15	1915	176	40	25	92	10	20	13.984	-0.530	13.974	1.520	1.650	0.000	13.950	0.811	0.000	1055596.478	1079091.855	1568.884	TOP
15	1916	180	52	36	92	49	27	14.265	-0.703	14.248	1.520	1.650	0.000	14.246	0.000	0.218	1055596.179	1079090.826	1568.711	CRK

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15	1917	184	1	8	94	13	47	14.458	-1.066	14.419	1.520	1.650	0.000	14.383	0.000	1.011	1055596.041	1079090.033	1568.348	TOP
15	1918	191	33	55	93	48	21	8.408	-0.563	8.469	1.520	1.650	0.000	8.297	0.000	1.698	1055602.127	1079089.346	1568.851	TOP
15	1919	186	54	51	91	43	24	8.356	-0.251	8.352	1.520	1.650	0.000	8.291	0.000	1.305	1055602.133	1079090.038	1569.163	CRK
15	1920	180	23	53	89	45	33	8.145	0.034	8.145	1.520	1.650	0.000	8.145	0.000	0.057	1055602.280	1079090.987	1569.648	TOP
15	1921	174	34	13	93	23	18	7.996	-0.751	7.961	1.520	1.650	0.000	7.925	0.753	0.000	1055602.500	1079091.797	1568.663	TOP
15	1922	171	0	37	95	10	37	8.019	-0.724	7.986	1.520	1.650	0.000	7.888	1.248	0.000	1055602.536	1079092.292	1568.690	BVIA
15	1923	157	14	33	95	25	43	8.068	-0.760	8.052	1.520	1.650	0.000	7.425	3.115	0.000	1055603.000	1079094.158	1568.649	EJE
15	1924	144	48	18	95	24	13	8.722	-0.821	8.683	1.520	1.650	0.000	7.096	5.005	0.000	1055603.329	1079096.048	1568.593	BVIA
15	1925	141	13	33	97	10	47	9.069	-1.133	8.998	1.520	1.650	0.000	7.015	5.635	0.000	1055603.410	1079096.679	1568.781	TOP
15	1926	134	52	38	91	2	48	9.321	-0.170	9.320	1.520	1.650	0.000	6.576	6.604	0.000	1055603.849	1079097.648	1569.244	TOP
15	1927	122	31	17	86	10	57	11.235	0.748	11.210	1.520	1.650	0.000	6.027	9.452	0.000	1055604.398	1079100.496	1570.162	CRK
15	1928	119	59	28	85	53	27	11.748	0.842	11.718	1.520	1.650	0.000	5.857	10.149	0.000	1055604.567	1079101.193	1570.256	TOP
15	1929	87	30	19	79	49	57	8.826	1.558	8.687	1.520	1.650	0.378	0.000	8.679	0.000	1055610.803	1079099.723	1570.972	TOP
15	1930	86	43	37	80	57	18	8.046	1.265	7.946	1.520	1.650	0.454	0.000	7.933	0.000	1055610.878	1079098.977	1570.679	CRK
15	1931	86	14	39	84	24	54	7.196	0.700	7.162	1.520	1.650	0.469	0.000	7.146	0.000	1055610.894	1079098.190	1570.114	TOP
15	1932	86	41	4	85	9	28	5.083	0.430	5.075	1.520	1.650	0.294	0.000	5.066	0.000	1055610.718	1079096.110	1569.844	TOP
15	1933	91	2	21	92	31	24	4.699	-0.207	4.694	1.520	1.650	0.000	0.085	4.694	0.000	1055610.340	1079093.737	1569.207	TOP
15	1934	97	12	30	89	40	4	3.588	0.021	3.588	1.520	1.650	0.000	0.450	3.560	0.000	1055609.974	1079094.603	1569.435	BVIA
15	1935	110	0	58	88	33	41	1.896	0.048	1.895	1.520	1.650	0.000	0.649	1.781	0.000	1055609.776	1079092.825	1569.462	EJE
15	1936	179	3	4	87	0	47	1.115	0.058	1.114	1.520	1.650	0.000	1.113	0.018	0.000	1055609.331	1079091.062	1569.472	BVIA
15	1937	201	46	38	83	44	50	1.121	0.122	1.114	1.520	1.650	0.000	1.035	0.000	0.613	1055609.390	1079090.630	1569.536	TOP
15	1938	226	59	34	59	44	41	1.819	0.917	1.571	1.520	1.650	0.000	1.072	0.000	1.149	1055609.353	1079089.895	1570.331	TOP
15	1939	239	26	29	69	41	19	2.364	0.823	2.217	1.520	1.650	0.000	1.127	0.000	1.909	1055609.258	1079089.135	1570.235	CRK
15	1940	239	57	25	80	22	50	3.137	0.524	3.093	1.520	1.650	0.000	1.548	0.000	2.677	1055608.876	1079088.366	1569.938	CRK
15	1941	330	8	48	81	24	55	6.526	0.974	6.453	1.520	1.650	5.597	0.000	0.000	3.212	1055616.021	1079087.812	1570.388	TOP
15	1942	335	11	59	75	30	53	6.250	1.563	6.051	1.520	1.650	5.493	0.000	0.000	2.538	1055615.918	1079088.506	1570.977	CRK
15	1943	349	20	23	76	18	56	6.057	1.433	5.885	1.520	1.650	5.783	0.000	0.000	1.089	1055616.208	1079089.955	1570.847	TOP
15	1944	350	8	59	81	57	19	5.916	0.828	5.858	1.520	1.650	5.771	0.000	0.000	1.002	1055616.196	1079090.042	1570.242	TOP
15	1945	354	37	9	82	41	8	5.928	0.755	5.880	1.520	1.650	5.854	0.000	0.000	0.551	1055616.278	1079090.492	1570.169	BVIA
15	1946	13	22	28	83	16	33	6.168	0.722	6.126	1.520	1.650	5.959	0.000	1.417	0.000	1055616.384	1079092.461	1570.136	EJE
15	1947	26	38	10	85	5	17	7.045	0.603	7.019	1.520	1.650	6.274	0.000	3.147	0.000	1055616.699	1079094.191	1570.017	BVIA
15	1948	29	12	13	87	8	40	7.311	0.364	7.302	1.520	1.650	6.374	0.000	3.563	0.000	1055616.798	1079094.606	1569.778	TOP
15	1949	34	27	52	82	33	47	8.174	1.058	8.105	1.520	1.650	6.683	0.000	4.587	0.000	1055617.107	1079095.630	1570.472	TOP
15	1950	46	17	27	79	14	15	10.169	1.899	9.990	1.520	1.650	6.903	0.000	7.221	0.000	1055617.328	1079098.265	1571.313	CRK
15	1951	48	47	9	78	3	0	10.685	2.212	10.453	1.520	1.650	6.887	0.000	7.864	0.000	1055617.312	1079098.907	1571.626	TOP
15	1952	22	16	10	80	22	39	14.818	2.477	14.609	1.520	1.650	13.520	0.000	5.536	0.000	1055623.944	1079096.580	1571.891	CRK
15	1953	16	44	55	83	55	16	14.130	1.496	14.051	1.520	1.650	13.454	0.000	4.049	0.000	1055623.879	1079095.093	1570.910	TOP
15	1954	15	18	59	85	41	20	13.959	1.049	13.919	1.520	1.650	13.425	0.000	3.677	0.000	1055623.850	1079094.721	1570.463	TOP
15	1955	12	14	45	86	9	11	13.904	0.933	13.873	1.520	1.650	13.557	0.000	2.942	0.000	1055623.982	1079093.986	1570.247	TOP
15	1956	10	10	9	85	33	42	13.880	1.074	13.838	1.520	1.650	13.621	0.000	2.443	0.000	1055624.046	1079093.487	1570.488	BVIA

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15	1957	3	2	21	85	12	20	13.385	1.119	13.338	1.520	1.650	13.319	0.000	0.707	0.000	1055623.744	1079091.751	1570.533	EJE
15	1958	355	22	49	85	29	28	13.390	1.053	13.349	1.520	1.650	13.305	0.000	0.000	1.075	1055623.790	1079089.969	1570.467	BVIA
15	1959	353	3	18	85	21	34	13.568	1.065	13.525	1.520	1.650	13.028	0.000	0.000	1.587	1055623.453	1079089.457	1570.479	TOP
15	1960	352	22	3	82	48	54	13.227	1.654	13.123	1.520	1.650	13.007	0.000	0.000	1.743	1055623.431	1079089.301	1571.068	TOP
15	1961	348	28	28	83	26	29	12.985	1.483	12.900	1.520	1.650	12.647	0.000	0.000	2.541	1055623.072	1079088.503	1570.897	CRK
15	1962	346	0	22	84	51	39	13.235	1.186	13.182	1.520	1.650	12.790	0.000	0.000	3.188	1055623.215	1079087.856	1570.600	TOP
15	1963	348	11	46	84	53	34	20.955	1.865	20.872	1.520	2.800	20.410	0.000	0.000	4.270	1055630.855	1079086.774	1570.129	TOP
15	1964	351	8	47	88	13	51	20.889	1.372	20.824	1.520	1.650	20.576	0.000	0.000	3.205	1055631.000	1079087.839	1570.786	CRK
15	1965	353	29	22	85	12	47	20.771	1.733	20.698	1.520	1.650	20.565	0.000	0.000	2.347	1055630.990	1079088.697	1571.147	TOP
15	1966	354	3	45	88	10	40	20.879	1.301	20.833	1.520	1.650	20.721	0.000	0.000	2.155	1055631.145	1079088.889	1570.805	TOP
15	1967	355	6	22	86	21	36	20.895	1.327	20.853	1.520	1.650	20.777	0.000	0.000	1.779	1055631.201	1079089.265	1570.741	BVIA
15	1968	0	47	49	88	8	16	20.932	1.410	20.884	1.520	1.650	20.882	0.000	0.291	0.000	1055631.307	1079091.334	1570.824	EJE
15	1969	1	26	55	88	17	35	21.233	1.373	21.188	1.520	1.650	21.093	0.000	2.012	0.000	1055631.517	1079093.056	1570.787	BVIA
15	1970	6	43	49	86	53	10	21.279	1.356	21.248	1.520	1.650	21.101	0.000	2.490	0.000	1055631.526	1079093.534	1570.570	TOP
15	1971	9	16	38	85	22	57	21.575	1.737	21.505	1.520	1.650	21.224	0.000	3.467	0.000	1055631.648	1079094.511	1571.151	TOP
15	1972	10	45	55	84	33	23	21.990	2.086	21.891	1.520	1.650	21.505	0.000	4.089	0.000	1055631.930	1079095.133	1571.500	CRK
15	1973	5	45	11	85	47	35	28.658	2.102	28.581	1.520	1.650	28.437	0.000	2.865	0.000	1055638.861	1079093.909	1571.516	CRK
15	1974	3	36	26	86	58	0	28.538	1.510	28.498	1.520	1.650	28.442	0.000	1.793	0.000	1055638.866	1079092.837	1570.924	TOP
15	1975	2	26	16	86	38	40	28.470	1.666	28.421	1.520	1.650	28.395	0.000	1.209	0.000	1055638.820	1079092.253	1571.080	BVIA
15	1976	357	58	11	86	44	8	28.152	1.603	28.106	1.520	1.650	28.089	0.000	0.000	0.996	1055638.513	1079090.048	1571.017	EJE
15	1977	354	3	52	86	41	46	27.964	1.612	27.918	1.520	1.650	27.768	0.000	0.000	2.887	1055638.193	1079088.157	1571.026	BVIA
15	1978	352	59	7	86	30	28	28.007	1.706	27.955	1.520	1.650	27.746	0.000	0.000	3.414	1055638.170	1079087.630	1571.120	TOP
15	1979	352	17	36	86	5	48	27.784	1.891	27.719	1.520	1.650	27.469	0.000	0.000	3.717	1055637.894	1079087.327	1571.305	TOP
15	1980	350	50	15	86	57	35	27.784	1.474	27.745	1.520	1.900	27.391	0.000	0.000	4.418	1055637.816	1079086.626	1570.638	CRK
15	1981	350	59	52	86	41	32	35.337	2.039	35.278	1.520	1.650	34.844	0.000	0.000	5.520	1055645.268	1079085.524	1571.453	TOP
15	1982	351	28	54	86	53	25	35.342	1.917	35.290	1.520	1.650	34.901	0.000	0.000	5.227	1055645.325	1079085.817	1571.331	TOP
15	1983	352	3	40	86	56	37	35.663	1.893	35.611	1.520	1.650	35.071	0.000	0.000	4.891	1055645.498	1079086.153	1571.305	BVIA
15	1984	355	59	25	86	58	50	35.929	1.892	35.879	1.520	1.650	35.791	0.000	0.000	2.509	1055646.216	1079088.535	1571.300	EJE
15	1985	359	8	34	86	51	14	36.167	1.983	36.113	1.520	1.650	36.109	0.000	0.000	0.540	1055646.533	1079090.503	1571.395	BVIA
15	1986	359	36	40	87	12	26	37.917	1.847	37.872	1.520	1.650	37.871	0.000	0.000	0.257	1055648.296	1079090.787	1571.261	TOP
15	1987	1	48	3	86	24	12	38.940	2.317	38.867	1.520	1.650	38.849	0.000	1.159	0.000	1055647.274	1079092.202	1571.731	CRK
15	1988	358	39	45	88	37	6	44.429	2.621	44.352	1.520	1.650	44.340	0.000	0.000	1.035	1055654.764	1079090.009	1572.035	CRK
15	1989	357	53	41	87	4	3	44.266	2.264	44.202	1.520	1.650	44.172	0.000	0.000	1.624	1055654.597	1079089.420	1571.678	TOP
15	1990	356	47	39	87	14	18	44.121	2.126	44.070	1.520	1.650	44.001	0.000	0.000	2.464	1055654.425	1079088.579	1571.540	TOP
15	1991	355	54	9	86	55	26	44.023	2.362	43.960	1.520	1.650	43.847	0.000	0.000	3.141	1055654.272	1079087.903	1571.776	BVIA
15	1992	353	29	0	87	0	0	43.775	2.291	43.715	1.520	1.650	43.432	0.000	0.000	4.961	1055653.857	1079086.082	1571.705	EJE
15	1993	350	55	25	87	4	31	43.708	2.230	43.649	1.520	1.650	43.102	0.000	0.000	6.886	1055653.537	1079084.158	1571.644	BVIA
15	1994	352	7	27	86	40	51	51.130	2.960	51.044	1.520	1.650	50.561	0.000	0.000	6.994	1055660.987	1079084.049	1572.374	EJE
15	1995	353	59	33	86	46	37	51.456	2.893	51.375	1.520	1.650	51.092	0.000	0.000	5.377	1055661.517	1079085.667	1572.357	BVIA
15	1996	355	4	26	86	59	33	51.681	2.711	51.610	1.520	1.650	51.419	0.000	0.000	4.432	1055661.844	1079086.612	1572.125	TOP

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15	1997	355	43	3	86	44	34	51.783	2.942	51.699	1.520	1.650	51.555	0.000	0,000	3.860	1055661.980	1079087.183	1572.356	TOP
15	1998	356	13	32	86	4	25	51.843	3.550	51.721	1.520	1.650	51.609	0.000	0,000	3.405	1055662.034	1079087.639	1572.964	CRK
16	15	173	30	21	93	40	32	76.486	-4.903	76.329	1.500	1.650	0.000	75.839	8.633	0.000	1055610.425	1079091.044	1569.548	DTA
16	17	75	34	53	83	3	44	44.959	5.358	44.034	1.500	1.650	12.446	0.000	42.238	0.000	1055698.710	1079124.650	1579.806	DTA
16	2000	177	18	19	95	17	24	38.735	-3.571	38.570	1.500	1.650	0.000	38.527	1.813	0.000	1055647.737	1079084.224	1570.876	CRK
16	2001	177	59	13	95	35	4	39.771	-3.870	39.582	1.500	1.650	0.000	39.558	1.390	0.000	1055646.706	1079083.802	1570.577	TOP
16	2002	178	2	41	94	7	58	33.025	-2.380	32.939	1.500	1.650	0.000	32.920	1.124	0.000	1055653.344	1079083.535	1572.067	TOP
16	2003	179	8	31	95	1	8	33.152	-2.900	33.025	1.500	1.650	0.000	33.021	0.495	0.000	1055653.243	1079082.906	1571.547	CRK
16	2004	180	28	44	94	40	12	25.323	-2.062	25.239	1.500	1.650	0.000	25.238	0.000	0.211	1055661.026	1079082.200	1572.386	BVIA
16	2005	181	26	0	94	36	0	25.514	-2.046	25.432	1.500	1.650	0.000	25.424	0.000	0.636	1055660.840	1079081.775	1572.401	TOP
16	2006	182	1	1	93	49	13	25.562	-1.703	25.505	1.500	1.650	0.000	25.489	0.000	0.898	1055660.775	1079081.513	1572.744	TOP
16	2007	183	37	1	93	56	2	25.868	-1.775	25.807	1.500	1.650	0.000	25.756	0.000	1.628	1055660.508	1079080.783	1572.673	CRK
16	2008	168	29	39	92	26	41	17.409	-0.743	17.393	1.500	1.650	0.000	17.043	3.471	0.000	1055669.221	1079085.882	1573.705	CRK
16	2009	170	55	7	94	10	35	17.545	-1.278	17.498	1.500	1.650	0.000	17.279	2.762	0.000	1055668.985	1079085.173	1573.170	TOP
16	2010	171	44	18	95	31	38	17.716	-1.706	17.634	1.500	1.650	0.000	17.451	2.534	0.000	1055668.813	1079084.945	1572.741	TOP
16	2011	175	24	2	94	36	51	17.614	-1.417	17.557	1.500	1.650	0.000	17.500	1.408	0.000	1055668.764	1079083.819	1573.031	BVIA
16	2012	181	14	30	94	23	45	17.769	-1.352	17.718	1.500	1.650	0.000	17.713	0.000	0.384	1055668.551	1079082.027	1573.096	EJE
16	2013	186	44	58	94	8	46	18.107	-1.309	18.060	1.500	1.650	0.000	17.934	0.000	2.123	1055668.330	1079080.289	1573.139	BVIA
16	2014	188	8	48	94	0	25	18.301	-1.279	18.256	1.500	1.650	0.000	18.072	0.000	2.587	1055668.192	1079079.824	1573.169	TOP
16	2015	189	45	11	92	50	31	18.492	-0.917	18.469	1.500	1.650	0.000	18.202	0.000	3.129	1055668.062	1079079.282	1573.531	TOP
16	2016	192	14	18	92	57	37	19.011	-0.982	18.986	1.500	1.650	0.000	18.554	0.000	4.025	1055667.710	1079078.386	1573.466	CRK
16	2017	200	37	53	92	1	31	14.741	-0.521	14.732	1.500	1.650	0.000	13.787	0.000	5.191	1055672.477	1079077.220	1573.927	CRK
16	2018	197	0	29	90	55	6	14.062	-0.225	14.060	1.500	1.650	0.000	13.445	0.000	4.113	1055672.819	1079078.298	1574.222	TOP
16	2019	194	15	31	93	16	15	13.802	-0.787	13.780	1.500	1.650	0.000	13.355	0.000	3.394	1055672.909	1079079.017	1573.660	TOP
16	2020	192	1	17	93	48	21	13.731	-0.911	13.701	1.500	1.650	0.000	13.400	0.000	2.854	1055672.864	1079079.558	1573.536	BVIA
16	2021	183	38	11	94	23	10	13.418	-1.027	13.379	1.500	1.650	0.000	13.352	0.000	0.849	1055672.912	1079081.563	1573.421	EJE
16	2022	175	46	47	94	54	28	13.338	-1.141	13.289	1.500	1.650	0.000	13.253	0.978	0.000	1055673.011	1079083.389	1573.106	BVIA
16	2023	172	36	21	95	39	5	13.198	-1.300	13.134	1.500	1.650	0.000	13.025	1.690	0.000	1055673.239	1079084.101	1573.148	TOP
16	2024	171	10	28	95	4	47	13.295	-1.177	13.243	1.500	1.650	0.000	13.086	2.032	0.000	1055673.178	1079084.443	1573.270	TOP
16	2025	168	40	37	90	54	58	13.250	-0.212	13.248	1.500	1.650	0.000	12.990	2.601	0.000	1055673.274	1079085.012	1574.236	TOP
16	2026	166	21	34	89	50	26	13.463	0.037	13.463	1.500	1.650	0.000	13.083	3.175	0.000	1055673.181	1079085.586	1574.485	CRK
16	2027	159	27	54	87	43	31	9.560	0.379	9.552	1.500	1.650	0.000	8.945	3.351	0.000	1055677.319	1079085.762	1574.827	CRK
16	2028	162	8	26	89	15	37	9.397	0.121	9.396	1.500	1.650	0.000	8.943	2.882	0.000	1055677.321	1079085.293	1574.569	TOP
16	2029	145	40	54	87	48	38	6.722	0.257	6.717	1.500	1.650	0.000	5.548	3.787	0.000	1055680.716	1079086.198	1574.704	TOP
16	2030	143	31	15	86	8	9	7.182	0.484	7.166	1.500	1.650	0.000	5.762	4.260	0.000	1055680.502	1079086.671	1574.932	CRK
16	2031	137	2	14	85	38	53	6.924	0.525	6.904	1.500	1.650	0.000	5.052	4.705	0.000	1055681.212	1079087.116	1574.973	PLZ
16	2032	164	22	31	96	20	28	8.938	-0.987	8.883	1.500	1.650	0.000	8.555	2.393	0.000	1055677.709	1079084.804	1573.460	TOP
16	2033	171	35	32	95	5	14	8.493	-0.753	8.459	1.500	1.650	0.000	8.369	1.237	0.000	1055677.895	1079083.648	1573.694	BVIA
16	2034	186	57	44	94	4	57	8.203	-0.584	8.182	1.500	1.650	0.000	8.122	0.000	0.992	1055678.142	1079081.419	1573.864	EJE
16	2035	200	54	20	92	35	9	8.673	-0.391	8.664	1.500	1.650	0.000	8.094	0.000	3.092	1055678.170	1079079.319	1574.056	BVIA

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16	2036	207	38	22	91	54	38	9.252	-0.308	9.247	1.500	1.650	0.000	8.192	0.000	4.290	1055678.072	1079078.121	1574.139	TOP
16	2037	216	36	57	89	22	59	10.274	0.111	10.273	1.500	1.650	0.000	8.246	0.000	6.128	1055678.038	1079076.284	1574.556	CRK
16	2038	242	41	0	90	8	50	7.666	-0.020	7.666	1.500	1.650	0.000	3.518	0.000	6.811	1055682.746	1079075.600	1574.428	CRK
16	2039	237	8	23	89	56	4	5.950	0.007	5.950	1.500	1.650	0.000	3.228	0.000	4.998	1055683.036	1079077.413	1574.454	TOP
16	2040	203	10	16	90	56	1	3.872	-0.063	3.871	1.500	1.650	0.000	3.559	0.000	1.524	1055682.706	1079080.887	1574.384	BVIA
16	2041	204	38	54	92	24	26	7.352	-0.309	7.346	1.500	1.650	0.000	6.676	0.000	3.063	1055679.588	1079079.348	1574.139	BVIA
16	2042	258	58	39	88	33	15	7.038	0.178	7.034	1.500	1.650	0.000	1.224	0.000	6.926	1055685.040	1079075.485	1574.625	CRK
16	2043	269	19	31	86	6	34	5.347	0.363	5.335	1.500	1.650	0.000	0.063	0.000	5.334	1055686.201	1079077.077	1574.810	ENTRO
16	2044	307	26	6	77	20	49	2.488	0.545	2.428	1.500	1.650	1.476	0.000	0.000	1.928	1055687.740	1079080.483	1574.993	ENTRO
16	2045	77	4	55	79	5	24	0.820	0.155	0.805	1.500	1.650	0.180	0.000	0.785	0.000	1055686.444	1079083.198	1574.603	BVIA
16	2046	355	15	59	76	53	40	2.210	0.501	2.152	1.500	1.650	2.145	0.000	0.000	0.178	1055688.409	1079082.233	1574.949	CRK
16	2047	355	36	8	79	50	11	2.961	0.523	2.915	1.500	1.650	2.906	0.000	0.000	0.223	1055689.170	1079082.188	1574.970	TOP
16	2048	15	5	12	74	24	15	1.650	0.444	1.589	1.500	1.650	1.534	0.000	0.414	0.000	1055687.799	1079082.825	1574.891	TOP
16	2049	110	1	18	89	20	20	2.999	0.034	2.999	1.500	1.650	0.000	1.006	2.761	0.000	1055685.258	1079085.172	1574.483	EJE
16	2050	119	13	11	92	40	58	5.202	-0.244	5.196	1.500	1.650	0.000	2.537	4.535	0.000	1055683.727	1079086.946	1574.204	BVIA
16	2051	118	58	52	93	42	15	5.594	-0.361	5.582	1.500	1.650	0.000	2.705	4.883	0.000	1055683.559	1079087.294	1574.086	TOP
16	2052	118	43	14	88	59	33	6.148	0.108	6.147	1.500	1.650	0.000	2.964	5.391	0.000	1055683.310	1079087.802	1574.556	TOP
16	2053	119	43	44	86	44	44	6.759	0.384	6.748	1.500	1.650	0.000	3.946	5.860	0.000	1055682.958	1079088.271	1574.831	CRK
16	2054	201	31	11	90	28	11	2.953	-0.023	2.953	1.500	1.650	0.000	2.747	0.000	1.083	1055683.517	1079081.328	1574.425	BVIA
16	2055	154	30	17	95	30	53	5.824	-0.560	5.797	1.500	1.650	0.000	5.225	2.510	0.000	1055681.039	1079084.922	1573.888	BVIA
16	2056	91	56	6	84	8	59	10.219	1.042	10.186	1.500	1.650	0.000	0.343	10.160	0.000	1055685.921	1079092.571	1575.489	CRK
16	2057	89	11	1	84	51	37	9.975	0.894	9.935	1.500	1.650	0.142	0.000	9.934	0.000	1055686.406	1079092.345	1575.341	TOP
16	2058	86	53	35	87	38	54	9.927	0.467	9.919	1.500	1.650	0.538	0.000	9.904	0.000	1055686.802	1079092.315	1574.855	TOP
16	2059	83	55	16	86	48	47	9.788	0.544	9.771	1.500	1.650	1.035	0.000	9.716	0.000	1055687.299	1079092.127	1574.992	BVIA
16	2060	72	36	38	85	54	12	9.270	0.662	9.246	1.500	1.650	2.763	0.000	8.824	0.000	1055689.027	1079091.235	1575.110	EJE
16	2061	60	23	37	85	39	55	9.390	0.710	9.363	1.500	1.650	4.626	0.000	8.141	0.000	1055690.890	1079090.552	1575.157	BVIA
16	2062	57	45	28	85	22	58	9.527	0.767	9.496	1.500	1.650	5.066	0.000	8.032	0.000	1055691.330	1079090.443	1575.214	TOP
16	2063	55	13	1	82	13	27	9.650	1.306	9.561	1.500	1.650	5.454	0.000	7.853	0.000	1055691.718	1079090.264	1575.753	CRK
16	2064	59	57	22	80	13	54	16.530	2.804	16.290	1.500	1.650	8.156	0.000	14.102	0.000	1055694.420	1079096.513	1577.252	TOP
16	2065	61	26	15	81	9	5	16.398	2.522	16.203	1.500	1.650	7.747	0.000	14.231	0.000	1055694.011	1079098.642	1576.970	CRK
16	2066	63	10	22	84	24	20	16.150	1.574	16.073	1.500	1.650	7.254	0.000	14.343	0.000	1055693.518	1079096.754	1576.022	TOP
16	2067	64	51	13	84	42	46	16.220	1.434	16.151	1.500	1.650	6.863	0.000	14.620	0.000	1055693.127	1079097.031	1575.942	BVIA
16	2068	72	54	59	84	45	7	16.050	1.468	15.983	1.500	1.650	4.695	0.000	15.277	0.000	1055690.959	1079097.689	1575.916	EJE
16	2069	78	24	37	85	8	50	16.250	1.378	16.191	1.500	1.650	3.253	0.000	15.861	0.000	1055689.517	1079098.272	1575.825	BVIA
16	2070	80	12	32	85	44	23	16.363	1.216	16.318	1.500	1.650	2.775	0.000	16.080	0.000	1055689.039	1079098.491	1575.663	TOP
16	2071	81	25	19	83	57	25	16.464	1.733	16.372	1.500	1.650	2.442	0.000	16.189	0.000	1055688.706	1079098.600	1576.181	TOP
16	2072	82	34	29	83	48	28	16.570	1.787	16.473	1.500	1.650	2.129	0.000	16.535	0.000	1055688.393	1079098.746	1576.235	CRK
16	2073	80	40	33	83	11	55	22.388	2.655	22.230	1.500	1.650	3.602	0.000	21.937	0.000	1055689.866	1079104.348	1577.099	CRK
16	2074	79	50	38	83	30	22	22.368	2.530	22.224	1.500	1.650	3.919	0.000	21.876	0.000	1055690.183	1079104.287	1576.977	TOP
16	2075	78	56	4	84	18	4	22.396	2.224	22.285	1.500	1.650	4.277	0.000	21.871	0.000	1055690.541	1079104.282	1576.671	TOP

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16	2076	78	17	8	84	9	56	22.424	2.279	22.308	1.500	1.650	4.529	0.000	21.843	0.000	1055690.793	1079104.254	1576.727	BVIA
16	2077	73	52	7	84	4	9	22.481	2.323	22.361	1.500	1.650	6.213	0.000	21.480	0.000	1055692.477	1079103.891	1576.770	EJE
16	2078	68	56	44	84	17	5	22.673	2.258	22.560	1.500	1.650	8.105	0.000	21.054	0.000	1055694.369	1079103.465	1576.705	BVIA
16	2079	67	50	52	84	7	7	22.760	2.332	22.640	1.500	1.650	8.537	0.000	20.969	0.000	1055694.801	1079103.380	1576.780	TOP
16	2080	65	30	2	81	56	49	22.834	3.199	22.609	1.500	1.650	9.375	0.000	20.573	0.000	1055695.639	1079102.984	1577.646	CRK
16	2081	64	4	17	80	53	3	23.171	3.703	23.076	1.500	1.650	10.090	0.000	20.753	0.000	1055696.354	1079103.164	1578.150	TOP
16	2082	66	56	1	81	38	33	29.734	4.322	29.418	1.500	1.650	11.526	0.000	27.066	0.000	1055697.790	1079109.477	1578.769	TOP
16	2083	68	31	38	82	37	17	29.670	3.810	29.424	1.500	1.650	10.771	0.000	27.382	0.000	1055697.035	1079109.793	1578.258	CRK
16	2084	70	19	35	83	25	5	29.379	3.367	29.185	1.500	1.650	9.826	0.000	27.482	0.000	1055696.090	1079109.893	1577.815	TOP
16	2085	70	52	19	83	38	6	29.390	3.258	29.209	1.500	1.650	9.571	0.000	27.596	0.000	1055695.835	1079110.007	1577.706	BVIA
16	2086	74	48	22	83	23	44	29.164	3.354	28.970	1.500	1.650	7.593	0.000	27.958	0.000	1055693.857	1079110.369	1577.802	EJE
16	2087	77	48	29	83	27	16	29.259	3.335	29.068	1.500	1.650	6.139	0.000	28.413	0.000	1055692.403	1079110.824	1577.783	BVIA
16	2088	78	41	32	83	46	1	29.254	3.176	29.081	1.500	1.650	5.702	0.000	28.517	0.000	1055691.966	1079110.928	1577.624	TOP
16	2089	80	1	38	82	50	44	29.400	3.661	29.171	1.500	1.650	5.052	0.000	28.730	0.000	1055691.316	1079111.141	1578.109	CRK
17	16	253	34	53	96	28	59	44.318	-5.004	44.034	1.446	1.650	0.000	12.446	0.000	42.239	1055686.264	1079087.411	1574.598	DTA
17	18	289	0	6	82	29	27	50.205	6.561	49.774	1.446	1.650	16.207	0.000	0.000	47.062	1055714.917	1079077.588	1586.162	DTA
17	2090	232	31	47	94	15	50	10.145	-0.769	10.116	1.446	1.650	0.000	6.276	0.000	8.188	1055693.434	1079116.462	1578.832	CRK
17	2091	236	32	6	96	10	4	10.196	-1.095	10.137	1.446	1.650	0.000	5.590	0.000	8.457	1055693.120	1079116.193	1578.506	TOP
17	2092	238	40	6	95	49	20	10.105	-1.025	10.053	1.446	1.650	0.000	5.227	0.000	8.587	1055693.483	1079116.063	1578.576	BVIA
17	2093	251	8	11	98	4	20	9.936	-1.051	9.880	1.446	1.650	0.000	3.194	0.000	9.350	1055695.516	1079115.300	1578.550	EJE
17	2094	262	52	19	96	24	11	10.569	-1.179	10.503	1.446	1.650	0.000	1.303	0.000	10.422	1055697.407	1079114.228	1578.423	BVIA
17	2095	265	10	42	95	50	40	10.641	-1.084	10.586	1.446	1.650	0.000	0.890	0.000	10.548	1055697.820	1079114.102	1578.518	TOP
17	2096	268	38	23	93	57	36	10.812	-0.747	10.786	1.446	1.650	0.000	0.256	0.000	10.783	1055698.454	1079113.867	1578.855	CRK
17	2097	292	8	23	91	24	31	10.299	-0.253	10.296	1.446	1.650	3.880	0.000	0.000	9.537	1055702.590	1079115.113	1579.348	TOP
17	2098	292	59	36	91	37	26	9.545	-0.370	9.541	1.446	1.650	3.727	0.000	0.000	8.783	1055702.437	1079115.867	1579.331	CRK
17	2099	275	25	6	93	56	50	9.111	-0.627	9.089	1.446	1.650	0.838	0.000	0.000	9.049	1055699.589	1079115.601	1578.974	TOP
17	2100	272	43	15	95	2	22	8.422	-0.740	8.389	1.446	1.650	0.398	0.000	0.000	8.380	1055699.109	1079116.270	1578.862	BVIA
17	2101	257	38	11	95	0	10	6.714	-0.585	6.688	1.446	1.650	0.000	1.432	0.000	6.533	1055697.278	1079118.116	1579.016	EJE
17	2102	236	23	57	93	56	53	6.071	-0.418	6.057	1.446	1.650	0.000	3.362	0.000	5.045	1055695.359	1079119.605	1579.184	BVIA
17	2103	217	22	24	93	54	35	6.294	-0.428	6.269	1.446	1.650	0.000	4.982	0.000	3.806	1055693.728	1079120.844	1579.173	ENTRD
17	2104	159	50	32	94	19	38	2.528	-0.191	2.521	1.446	1.650	0.000	2.366	0.869	0.000	1055696.344	1079125.519	1579.411	ENTRD
17	2105	241	56	59	95	6	17	1.225	-0.109	1.220	1.446	1.650	0.000	0.574	0.000	1.077	1055698.136	1079123.573	1579.493	TOP
17	2106	278	33	36	85	40	42	2.187	0.165	2.181	1.446	1.650	0.325	0.000	0.000	2.156	1055699.035	1079122.493	1579.766	BVIA
17	2107	294	24	54	90	18	36	4.571	-0.035	4.571	1.446	1.650	1.889	0.000	0.000	4.363	1055700.600	1079120.488	1579.577	EJE
17	2108	296	46	32	91	40	18	7.448	-0.217	7.445	1.446	1.650	3.354	0.000	0.000	6.647	1055702.064	1079118.003	1579.384	BVIA
17	2109	309	24	54	84	19	24	11.315	1.119	11.260	1.446	1.650	7.149	0.000	0.000	8.699	1055705.859	1079115.951	1580.721	TOP
17	2110	311	9	38	84	32	36	10.654	1.013	10.606	1.446	1.650	6.980	0.000	0.000	7.985	1055705.691	1079116.665	1580.615	CRK
17	2111	314	40	40	86	4	46	10.038	0.686	10.034	1.446	1.650	7.041	0.000	0.000	7.121	1055705.752	1079117.529	1580.288	TOP
17	2112	319	9	5	87	23	0	8.887	0.406	8.878	1.446	1.650	6.715	0.000	0.000	5.807	1055705.428	1079118.843	1580.007	BVIA
17	2113	334	31	38	84	58	25	7.765	0.680	7.735	1.446	1.650	6.983	0.000	0.000	3.327	1055705.693	1079121.323	1580.282	EJE

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17	2114	351	53	50	83	16	7	7.379	0.805	7.328	1.446	1.650	7.255	0.000	0.000	1.033	1055705.985	1079123.617	1580.466	BVIA
17	2115	356	55	24	83	55	36	7.364	0.779	7.323	1.446	1.650	7.317	0.000	0.000	0.393	1055706.022	1079124.257	1580.381	TOP
17	2116	4	45	13	80	50	58	7.646	1.216	7.549	1.446	1.650	7.523	0.000	0.626	0.000	1055706.233	1079125.275	1580.817	CRK
17	2117	10	44	37	80	40	26	7.778	1.260	7.670	1.446	1.650	7.536	0.000	1.430	0.000	1055706.246	1079126.080	1580.861	TOP
17	2118	340	22	53	82	31	55	3.617	0.470	3.586	1.446	1.650	3.378	0.000	0.000	1.204	1055702.088	1079123.446	1580.072	BVIA
17	2119	357	58	5	80	13	56	13.048	2.221	12.857	1.446	1.650	12.849	0.000	0.000	0.456	1055711.560	1079124.194	1581.823	TOP
17	2120	355	52	49	80	48	9	12.648	2.022	12.485	1.446	1.650	12.453	0.000	0.000	0.897	1055711.163	1079123.753	1581.623	CRK
17	2121	353	10	13	81	48	35	12.410	1.768	12.283	1.446	1.650	12.196	0.000	0.000	1.461	1055710.906	1079123.189	1581.369	TOP
17	2122	350	6	41	83	48	51	12.300	1.325	12.228	1.446	1.650	12.047	0.000	0.000	2.100	1055710.757	1079122.550	1580.927	TOP
17	2123	348	25	27	83	16	11	12.239	1.434	12.155	1.446	1.650	11.907	0.000	0.000	2.439	1055710.638	1079122.211	1581.036	BVIA
17	2124	336	56	53	83	36	17	12.078	1.345	12.003	1.446	1.650	11.044	0.000	0.000	4.700	1055709.755	1079119.950	1580.947	EJE
17	2125	326	47	35	84	22	8	12.290	1.206	12.231	1.446	1.650	10.233	0.000	0.000	6.698	1055708.944	1079117.952	1580.807	BVIA
17	2126	323	30	44	83	20	34	12.508	1.450	12.424	1.446	1.650	9.988	0.000	0.000	7.388	1055708.699	1079117.262	1581.052	TOP
17	2127	319	38	59	81	45	7	12.696	1.819	12.505	1.446	1.650	9.530	0.000	0.000	8.097	1055708.241	1079116.553	1581.414	CRK
17	2128	319	48	10	81	20	13	16.963	2.555	16.769	1.446	1.650	12.809	0.000	0.000	10.825	1055711.539	1079113.826	1582.157	TOP
17	2129	322	17	2	82	29	38	17.339	2.265	17.190	1.446	1.650	13.599	0.000	0.000	10.516	1055712.309	1079114.134	1581.867	BVIA
17	2130	329	53	17	82	36	19	16.282	2.353	16.130	1.446	1.650	15.683	0.000	0.000	9.096	1055714.394	1079115.554	1581.954	EJE
17	2131	336	3	57	82	54	45	19.048	2.350	18.902	1.446	1.650	17.277	0.000	0.000	7.668	1055715.987	1079116.981	1581.952	BVIA
17	2132	337	9	38	83	15	28	19.202	2.254	19.069	1.446	1.650	17.574	0.000	0.000	7.402	1055716.284	1079117.248	1581.856	TOP
17	2133	338	5	23	82	10	14	19.549	2.663	19.367	1.446	1.650	17.968	0.000	0.000	7.227	1055716.678	1079117.423	1582.265	TOP
17	2134	340	20	20	81	8	48	20.304	3.125	20.062	1.446	1.650	18.892	0.000	0.000	6.750	1055717.603	1079117.900	1582.726	CRK
17	2135	341	49	43	81	39	15	20.806	3.020	20.586	1.446	1.650	19.559	0.000	0.000	6.420	1055718.269	1079118.230	1582.621	TOP
17	2136	343	15	13	83	3	55	15.219	1.838	15.108	1.446	1.650	14.467	0.000	0.000	4.353	1055713.177	1079120.297	1581.439	BVIA
17	2137	332	24	45	81	0	58	23.953	3.740	23.659	1.446	1.650	20.969	0.000	0.000	10.956	1055719.679	1079113.693	1583.342	TOP
17	2138	330	38	20	81	27	5	23.672	3.519	23.409	1.446	1.650	20.402	0.000	0.000	11.478	1055719.112	1079113.172	1583.120	CRK
17	2139	328	33	57	82	4	59	23.073	3.178	22.853	1.446	1.650	19.499	0.000	0.000	11.918	1055718.209	1079112.732	1582.780	TOP
17	2140	327	44	12	83	7	40	22.835	2.732	22.671	1.446	1.650	19.171	0.000	0.000	12.102	1055717.881	1079112.548	1582.334	TOP
17	2141	326	39	6	82	46	21	22.444	2.824	22.266	1.446	1.650	18.600	0.000	0.000	12.240	1055717.330	1079112.410	1582.425	BVIA
17	2142	322	58	9	82	19	28	20.752	2.772	20.566	1.446	1.650	16.418	0.000	0.000	12.386	1055715.128	1079112.264	1582.373	EJE
17	2143	319	5	23	82	7	2	19.470	2.670	19.286	1.446	1.650	14.575	0.000	0.000	12.630	1055713.285	1079112.020	1582.272	BVIA
17	2144	315	37	55	80	57	59	19.147	3.006	18.909	1.446	1.650	13.518	0.000	0.000	13.223	1055712.228	1079111.427	1582.608	CRK
17	2145	304	31	17	80	23	17	24.091	4.029	23.753	1.446	1.650	13.461	0.000	0.000	19.570	1055712.171	1079105.080	1583.624	TOP
17	2146	305	36	11	80	43	33	24.715	3.983	24.392	1.446	1.650	14.200	0.000	0.000	19.832	1055712.910	1079104.817	1583.585	CRK
17	2147	307	4	37	81	14	11	25.081	3.821	24.788	1.446	1.650	14.945	0.000	0.000	19.777	1055713.655	1079104.873	1583.423	BVIA
17	2148	298	34	4	81	45	37	29.125	4.174	28.824	1.446	1.650	13.784	0.000	0.000	25.315	1055712.494	1079099.335	1583.776	TOP
17	2149	299	44	25	81	28	4	29.358	4.356	29.033	1.446	1.650	14.403	0.000	0.000	25.209	1055713.113	1079099.441	1583.957	CRK
17	2150	300	42	59	81	19	50	29.768	4.487	29.428	1.446	1.650	15.031	0.000	0.000	25.299	1055713.742	1079099.350	1584.089	BVIA
17	2151	294	16	44	80	52	46	35.552	5.635	35.103	1.446	1.650	14.433	0.000	0.000	31.998	1055713.144	1079092.652	1585.237	TOP
17	2152	320	12	53	82	33	36	24.952	3.231	24.742	1.446	1.650	19.013	0.000	0.000	15.833	1055717.723	1079108.817	1582.832	BVIA
17	2153	320	37	24	82	48	23	25.180	3.153	24.982	1.446	1.650	19.311	0.000	0.000	15.849	1055718.021	1079108.801	1582.755	TOP

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17	2154	321	22	13	81	53	9	25.507	3.600	25.252	1.448	1.650	19.727	0.000	0.000	15.764	1055718.437	1079108.886	1583.202	TOP
17	2155	323	18	46	80	31	10	26.667	4.392	26.303	1.448	1.650	21.092	0.000	0.000	15.715	1055719.803	1079108.935	1583.994	CRK
17	2156	324	29	13	78	51	6	27.149	5.249	26.637	1.446	1.650	21.682	0.000	0.000	15.473	1055720.392	1079109.177	1584.851	TOP
18	17	109	0	7	97	2	3	50.152	-6.142	49.774	1.435	1.650	0.000	16.207	47.062	0.000	1055698.710	1079124.650	1579.806	DTA
18	19	282	8	59	84	36	56	67.948	6.376	67.648	1.435	1.650	14.238	0.000	0.000	66.133	1055729.155	1079011.455	1592.323	DTA
18	2157	88	37	58	95	28	16	28.285	-2.697	28.156	1.435	1.650	0.672	0.000	28.148	0.000	1055715.589	1079105.736	1583.251	EJE
18	2158	87	47	57	95	9	18	22.301	-2.009	22.270	1.435	1.650	0.855	0.000	22.254	0.000	1055715.772	1079099.842	1583.938	EJE
18	2159	83	13	50	95	26	33	22.646	-2.148	22.544	1.435	1.650	2.657	0.000	22.387	0.000	1055717.574	1079099.974	1583.799	BVIA
18	2160	82	28	11	95	41	3	22.625	-2.241	22.514	1.435	1.650	2.950	0.000	22.319	0.000	1055717.867	1079099.907	1583.706	TOP
18	2161	81	6	22	92	33	28	22.275	-0.994	22.253	1.435	1.650	3.440	0.000	21.985	0.000	1055718.357	1079099.573	1584.953	TOP
18	2162	76	32	57	88	28	58	21.898	0.580	21.890	1.435	1.650	5.092	0.000	21.290	0.000	1055720.009	1079098.878	1586.527	TOP
18	2163	72	49	37	88	31	21	15.801	0.407	15.796	1.435	1.650	4.664	0.000	15.092	0.000	1055719.581	1079092.679	1586.355	TOP
18	2164	75	2	26	91	19	40	15.175	-0.352	15.171	1.435	1.650	3.916	0.000	14.657	0.000	1055718.833	1079092.244	1585.596	TOP
18	2165	77	18	47	95	1	54	15.631	-1.371	15.571	1.435	1.650	3.420	0.000	15.191	0.000	1055718.337	1079092.778	1584.576	TOP
18	2166	79	2	19	94	44	29	15.493	-1.281	15.440	1.435	1.650	2.936	0.000	15.158	0.000	1055717.853	1079092.746	1584.667	BVIA
18	2167	84	44	9	94	41	6	15.233	-1.244	15.182	1.435	1.650	1.390	0.000	15.118	0.000	1055716.310	1079092.706	1584.705	EJE
18	2168	90	55	38	94	38	7	15.158	-1.225	15.108	1.435	1.650	0.000	0.244	15.106	0.000	1055714.672	1079092.694	1584.722	BVIA
18	2169	93	50	21	92	25	16	15.284	-0.646	15.270	1.435	1.650	0.000	1.023	15.236	0.000	1055713.894	1079092.824	1585.302	CRK
18	2170	96	44	44	92	37	52	15.385	-0.706	15.369	1.435	1.650	0.000	1.805	15.262	0.000	1055713.113	1079092.850	1585.241	TOP
18	2171	97	29	1	96	39	39	7.290	-0.846	7.241	1.435	1.650	0.000	0.943	7.179	0.000	1055713.974	1079084.767	1585.102	TOP
18	2172	91	46	30	93	36	19	7.124	-0.448	7.110	1.435	1.650	0.000	0.220	7.106	0.000	1055714.697	1079084.694	1585.499	CRK
18	2173	87	38	22	94	25	37	7.150	-0.552	7.129	1.435	1.650	0.294	0.000	7.123	0.000	1055715.210	1079084.710	1585.395	BVIA
18	2174	73	6	47	94	0	29	7.631	-0.533	7.612	1.435	1.650	2.211	0.000	7.284	0.000	1055717.128	1079084.872	1585.414	EJE
18	2175	63	2	58	94	3	29	8.224	-0.582	8.203	1.435	1.650	3.718	0.000	7.312	0.000	1055718.635	1079084.900	1585.365	BVIA
18	2176	60	36	19	94	18	34	8.590	-0.639	8.686	1.435	1.650	4.165	0.000	7.393	0.000	1055719.082	1079084.981	1585.308	TOP
18	2177	58	6	5	91	17	39	8.757	-0.198	8.755	1.435	1.650	4.626	0.000	7.443	0.000	1055719.543	1079085.020	1585.750	TOP
18	2178	47	21	27	82	50	16	10.171	1.793	10.290	1.435	1.650	6.971	0.000	7.509	0.000	1055721.888	1079085.157	1587.240	TOP
18	2179	14	58	32	86	55	42	6.758	0.362	6.748	1.435	0.200	6.519	0.000	1.744	0.000	1055721.436	1079079.331	1587.759	TOP
18	2180	17	29	55	88	17	55	5.834	0.173	5.831	1.435	1.650	5.562	0.000	1.753	0.000	1055720.478	1079079.341	1586.121	TOP
18	2181	21	53	40	91	11	19	4.883	-0.101	4.882	1.435	1.650	4.530	0.000	1.820	0.000	1055719.447	1079079.408	1585.846	TOP
18	2182	24	9	31	89	57	15	4.255	0.003	4.255	1.435	1.650	3.882	0.000	1.741	0.000	1055718.799	1079079.329	1585.951	BVIA
18	2183	37	56	41	90	16	40	2.515	-0.012	2.515	1.435	1.650	1.983	0.000	1.546	0.000	1055716.900	1079079.134	1585.935	EJE
18	2184	86	29	19	90	25	17	1.903	-0.014	1.903	1.435	1.650	0.117	0.000	1.899	0.000	1055715.033	1079079.487	1585.933	BVIA
18	2185	107	56	34	88	51	46	1.915	0.038	1.915	1.435	1.650	0.000	0.590	1.821	0.000	1055714.327	1079079.409	1585.985	CRK
18	2186	123	53	35	104	7	52	2.082	-0.508	2.019	1.435	1.650	0.000	1.126	1.676	0.000	1055713.791	1079079.264	1585.439	TOP
18	2187	13	38	48	70	31	27	9.157	3.053	8.633	1.435	0.000	8.389	0.000	2.037	0.000	1055723.306	1079079.625	1590.650	CRK
18	2188	340	5	6	70	2	25	8.845	3.019	8.314	1.435	0.000	7.817	0.000	0.000	2.832	1055722.733	1079074.756	1590.617	CRK
18	2189	254	51	0	83	28	50	5.067	0.575	5.034	1.435	1.650	0.000	1.316	0.000	4.859	1055713.601	1079072.728	1586.523	TOP
18	2190	261	10	58	80	4	34	4.819	0.831	4.747	1.435	1.650	0.000	0.728	0.000	4.691	1055714.189	1079072.897	1586.778	CRK
18	2191	268	7	37	81	23	26	4.829	0.723	4.775	1.435	1.650	0.000	0.156	0.000	4.772	1055714.761	1079072.816	1586.670	BVIA

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18	2192	291	3	21	82	29	34	5.384	0.703	5.338	1.435	1.650	1.918	0.000	0.000	4.981	1055716.835	1079072.606	1586.651	EJE
18	2193	304	42	41	84	17	2	6.429	0.605	6.401	1.435	1.650	3.645	0.000	0.000	5.262	1055718.562	1079072.326	1586.550	BVIA
18	2194	306	53	32	85	14	59	6.621	0.548	6.598	1.435	1.650	3.961	0.000	0.000	5.277	1055718.878	1079072.311	1586.496	TOP
18	2195	308	37	53	82	5	31	7.152	0.984	7.084	1.435	1.650	4.423	0.000	0.000	5.534	1055719.330	1079072.054	1586.931	TOP
18	2196	312	13	46	83	20	40	8.189	0.949	8.134	1.435	1.650	5.467	0.000	0.000	6.023	1055720.384	1079071.565	1586.896	TOP
18	2197	295	54	57	78	48	36	14.073	2.731	13.805	1.435	1.650	6.034	0.000	0.000	12.417	1055720.951	1079065.171	1588.678	TOP
18	2198	292	29	45	83	18	56	13.805	1.607	13.711	1.435	1.650	5.246	0.000	0.000	12.668	1055720.163	1079064.920	1587.554	TOP
18	2199	288	14	45	84	39	3	13.754	1.282	13.694	1.435	1.650	4.288	0.000	0.000	13.006	1055719.204	1079064.582	1587.230	TOP
18	2200	286	29	57	84	5	20	13.744	1.415	13.671	1.435	1.650	3.883	0.000	0.000	13.108	1055718.799	1079064.480	1587.363	BVIA
18	2201	278	34	2	83	44	52	13.548	1.475	13.466	1.435	1.650	2.006	0.000	0.000	13.315	1055716.923	1079064.272	1587.423	EJE
18	2202	269	33	58	83	15	37	13.684	1.606	13.590	1.435	1.650	0.000	0.105	0.000	13.589	1055714.814	1079063.999	1587.553	BVIA
18	2203	267	30	46	82	57	41	13.702	1.679	13.595	1.435	1.650	0.000	0.590	0.000	13.580	1055714.327	1079064.002	1587.626	CRK
18	2204	264	39	17	83	35	34	13.623	1.520	13.538	1.435	1.650	0.000	1.261	0.000	13.479	1055713.656	1079064.109	1587.468	TOP
18	2205	269	17	57	84	28	26	21.632	2.083	21.532	1.435	1.650	0.000	0.263	0.000	21.530	1055714.653	1079056.058	1588.030	TOP
18	2206	271	5	23	83	39	28	21.480	2.373	21.349	1.435	1.650	0.406	0.000	0.000	21.345	1055715.323	1079056.243	1588.320	CRK
18	2207	272	43	20	83	58	31	21.462	2.255	21.343	1.435	1.650	1.014	0.000	0.000	21.319	1055715.931	1079056.268	1588.200	BVIA
18	2208	278	0	31	84	6	21	21.395	2.197	21.282	1.435	1.650	2.965	0.000	0.000	21.074	1055717.882	1079056.513	1588.144	EJE
18	2209	282	42	53	84	14	35	21.574	2.164	21.465	1.435	1.650	4.725	0.000	0.000	20.939	1055719.641	1079056.649	1588.111	BVIA
18	2210	284	15	17	84	40	30	21.644	2.009	21.551	1.435	1.650	5.307	0.000	0.000	20.887	1055720.223	1079056.701	1587.956	TOP
18	2211	287	22	3	80	48	34	21.642	3.457	21.364	1.435	1.650	6.377	0.000	0.000	20.930	1055721.294	1079057.198	1589.404	TOP
18	2212	284	21	8	83	56	13	28.741	3.036	28.580	1.435	1.650	7.085	0.000	0.000	27.688	1055722.001	1079049.899	1588.983	TOP
18	2213	283	28	51	84	38	8	28.694	2.699	28.567	1.435	1.650	6.659	0.000	0.000	27.780	1055721.576	1079049.808	1588.647	TOP
18	2214	282	20	50	84	18	46	28.805	2.854	28.663	1.435	1.650	6.329	0.000	0.000	28.000	1055721.046	1079049.587	1588.802	BVIA
18	2215	278	42	38	84	15	54	28.865	2.884	28.721	1.435	1.650	4.350	0.000	0.000	28.389	1055719.266	1079049.198	1588.832	EJE
18	2216	274	53	28	84	9	29	29.277	2.980	29.125	1.435	1.650	2.483	0.000	0.000	29.019	1055717.400	1079048.569	1588.927	BVIA
18	2217	273	24	11	84	0	32	29.360	3.064	29.200	1.435	1.650	1.733	0.000	0.000	29.148	1055716.650	1079048.439	1589.012	CRK
18	2218	271	59	16	84	32	50	29.325	2.787	29.192	1.435	1.650	1.013	0.000	0.000	29.175	1055715.930	1079048.413	1588.738	TOP
19	18	102	9	0	95	5	25	67.916	-6.026	67.648	1.515	1.650	0.000	14.238	66.111	0.000	1055714.917	1079077.588	1586.162	DTA
19	20	332	5	18	84	45	48	39.514	3.606	39.349	1.515	1.650	34.772	0.000	0.000	18.420	1055763.927	1078993.035	1595.795	DTA
19	2219	111	6	32	92	54	10	30.334	-1.536	30.295	1.515	1.650	0.000	0.000	10.931	28.262	0.000	1055718.244	1079039.717	1589.102	TOP
19	2220	109	18	25	94	19	42	30.476	-2.300	30.389	1.515	1.650	0.000	0.000	10.048	28.680	0.000	1055719.107	1079040.135	1589.888	CRK
19	2221	108	10	34	94	48	17	30.545	-2.558	30.438	1.515	1.650	0.000	0.000	9.495	28.919	0.000	1055719.690	1079040.374	1589.630	BVIA
19	2222	104	0	52	94	49	26	30.410	-2.557	30.302	1.515	1.650	0.000	0.000	7.338	29.400	0.000	1055721.817	1079040.855	1589.631	EJE
19	2223	100	38	34	94	59	34	30.441	-2.649	30.326	1.515	1.650	0.000	0.000	5.601	29.804	0.000	1055723.554	1079041.259	1589.539	BVIA
19	2224	99	58	43	95	12	32	30.534	-2.772	30.408	1.515	1.650	0.000	0.000	5.269	29.948	0.000	1055723.886	1079041.403	1589.416	TOP
19	2225	99	27	50	94	30	35	30.575	-2.804	30.480	1.515	1.650	0.000	0.000	5.012	30.065	0.000	1055724.143	1079041.520	1589.784	TOP
19	2226	97	50	11	91	56	1	30.766	-1.038	30.749	1.515	1.650	0.000	0.000	4.193	30.461	0.000	1055724.962	1079041.916	1591.150	TOP
19	2227	99	26	44	92	32	34	39.089	-1.734	39.050	1.515	1.650	0.000	0.000	6.409	38.523	0.000	1055722.746	1079049.976	1590.454	TOP
19	2228	94	36	36	91	11	47	26.868	-0.561	26.862	1.515	1.650	0.400	0.000	2.159	26.775	0.000	1055726.936	1079038.230	1592.877	CRK
19	2229	91	41	37	90	57	21	22.208	-0.370	22.205	1.515	1.650	0.400	0.000	0.656	22.195	0.000	1055728.499	1079033.650	1593.068	CRK

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19	2230	94	35	47	91	54	58	22.404	-0.749	22.391	1.515	1.650	0.000	1.794	22.319	0.000	1055727.361	1079033.774	1591.439	TOP
19	2231	97	41	13	95	19	8	22.145	-2.053	22.050	1.515	1.650	0.000	2.949	21.851	0.000	1055726.205	1079033.306	1590.136	TOP
19	2232	99	4	41	95	1	27	22.101	-1.936	22.016	1.515	1.650	0.000	3.474	21.740	0.000	1055725.681	1079033.195	1590.253	BVIA
19	2233	103	32	7	95	1	24	21.683	-1.899	21.600	1.515	1.650	0.000	5.055	21.000	0.000	1055724.100	1079032.455	1590.290	EJE
19	2234	108	35	47	94	58	56	21.671	-1.882	21.589	1.515	1.650	0.000	6.885	20.462	0.000	1055722.270	1079031.917	1590.308	BVIA
19	2235	111	7	1	93	22	7	21.689	-1.274	21.652	1.515	2.000	0.000	7.801	20.198	0.000	1055723.354	1079031.652	1590.564	CRK
19	2236	112	38	38	94	31	39	21.871	-1.726	21.803	1.515	2.000	0.000	8.394	20.122	0.000	1055720.761	1079031.577	1590.112	TOP
19	2237	113	27	5	94	55	23	14.802	-1.270	14.747	1.515	1.900	0.000	5.869	13.529	0.000	1055723.286	1079024.984	1590.668	TOP
19	2238	111	11	10	93	27	53	14.433	-0.872	14.407	1.515	1.900	0.000	5.207	13.433	0.000	1055723.948	1079024.888	1591.066	CRK
19	2239	108	32	24	95	1	27	14.710	-1.288	14.654	1.515	1.650	0.000	4.659	13.893	0.000	1055724.496	1079025.348	1590.900	BVIA
19	2240	99	49	35	95	9	41	14.996	-1.349	14.935	1.515	1.650	0.000	2.549	14.716	0.000	1055726.606	1079026.171	1590.839	EJE
19	2241	94	10	40	95	22	43	15.353	-1.439	15.285	1.515	1.650	0.000	1.114	15.245	0.000	1055728.041	1079026.700	1590.749	BVIA
19	2242	92	17	17	95	47	33	15.481	-1.563	15.402	1.515	1.650	0.000	0.615	15.390	0.000	1055728.540	1079026.845	1590.626	TOP
19	2243	90	15	40	94	44	31	15.544	-1.285	15.491	1.515	1.650	0.000	0.071	15.491	0.000	1055729.084	1079026.945	1590.903	TOP
19	2244	87	42	16	89	57	34	15.858	0.011	15.858	1.515	1.650	0.635	0.000	15.845	0.000	1055729.790	1079027.300	1592.200	TOP
19	2245	87	27	47	91	47	18	18.301	-0.571	18.294	1.515	0.500	0.810	0.000	18.276	0.000	1055729.965	1079029.731	1592.787	CRK
19	2246	70	8	19	85	38	37	11.857	0.901	11.823	1.515	1.650	4.017	0.000	11.119	0.000	1055733.172	1079022.574	1593.089	TOP
19	2247	71	50	13	86	7	44	11.554	0.780	11.528	1.515	1.650	3.593	0.000	10.953	0.000	1055732.748	1079023.408	1592.968	CRK
19	2248	74	24	56	87	13	20	11.139	0.540	11.126	1.515	1.650	2.989	0.000	10.717	0.000	1055732.144	1079022.172	1592.738	TOP
19	2249	75	58	33	94	6	3	10.076	-0.721	10.050	1.515	1.650	2.435	0.000	9.751	0.000	1055731.590	1079021.205	1591.468	TOP
19	2250	79	22	12	95	44	1	9.665	-0.966	9.617	1.515	1.650	1.774	0.000	9.452	0.000	1055730.929	1079020.906	1591.223	TOP
19	2251	81	52	37	95	12	41	9.394	-0.853	9.355	1.515	1.650	1.322	0.000	9.261	0.000	1055730.477	1079020.716	1591.335	BVIA
19	2252	92	10	25	95	28	7	8.538	-0.814	8.499	1.515	1.650	0.000	0.322	8.491	0.000	1055728.832	1079019.948	1591.375	EJE
19	2253	102	37	32	95	26	35	8.073	-0.766	8.037	1.515	1.650	0.000	1.757	7.842	0.000	1055727.398	1079019.297	1591.423	BVIA
19	2254	109	0	43	93	40	19	8.058	-0.516	8.041	1.515	1.650	0.000	2.630	7.603	0.000	1055726.535	1079019.058	1591.672	CRK
19	2255	115	9	9	89	43	7	1.589	0.008	1.589	1.515	1.650	0.000	0.675	1.438	0.000	1055728.479	1079012.893	1592.196	TOP
19	2256	78	21	28	94	20	45	2.019	-0.153	2.013	1.515	1.650	0.406	0.000	1.972	0.000	1055729.561	1079013.427	1592.035	BVIA
19	2257	55	7	6	93	35	34	4.002	-0.251	3.994	1.515	1.650	2.507	0.000	3.109	0.000	1055731.662	1079014.564	1591.938	EJE
19	2258	44	37	59	92	52	29	5.762	-0.289	5.755	1.515	1.650	4.095	0.000	4.043	0.000	1055733.250	1079015.498	1591.899	BVIA
19	2259	42	33	10	94	23	49	6.377	-0.489	6.358	1.515	1.650	4.684	0.000	4.300	0.000	1055733.839	1079015.755	1591.700	TOP
19	2260	39	46	50	89	51	27	7.002	0.017	7.002	1.515	1.650	5.381	0.000	4.480	0.000	1055734.536	1079015.935	1592.206	TOP
19	2261	39	45	0	80	41	51	8.127	1.314	8.020	1.515	1.650	6.166	0.000	5.128	0.000	1055735.321	1079016.583	1593.502	CRK
19	2262	40	41	29	80	29	51	8.819	1.456	8.698	1.515	1.650	6.595	0.000	5.671	0.000	1055735.750	1079017.126	1593.644	TOP
19	2263	7	55	51	77	18	5	9.724	2.138	9.486	1.515	1.650	9.395	0.000	1.309	0.000	1055738.550	1079012.764	1594.326	TOP
19	2264	5	43	23	77	41	11	9.199	1.962	8.987	1.515	1.650	8.943	0.000	0.896	0.000	1055738.097	1079012.351	1594.150	CRK
19	2265	3	46	32	78	27	3	8.835	1.769	8.656	1.515	1.650	8.637	0.000	0.570	0.000	1055737.792	1079012.025	1593.957	TOP
19	2266	0	34	19	86	41	53	7.832	0.451	7.819	1.515	1.650	7.819	0.000	0.078	0.000	1055736.973	1079011.533	1592.640	TOP
19	2267	358	26	16	88	54	45	7.325	0.139	7.324	1.515	1.650	7.321	0.000	0.000	0.200	1055736.676	1079011.255	1592.327	TOP
19	2268	355	19	10	87	50	50	6.794	0.255	6.789	1.515	1.650	6.767	0.000	0.000	0.554	1055735.921	1079010.901	1592.444	BVIA
19	2269	341	20	11	85	55	15	4.749	0.338	4.737	1.515	1.650	4.488	0.000	0.000	1.516	1055733.643	1079009.939	1592.526	EJE

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19	2270	316	8	7	82	39	57	3.772	0.482	3.741	1.535	1.650	2.697	0.000	0.000	2.592	1055751.852	1079008.862	1592.670	BVIA
19	2271	298	9	41	82	9	11	3.896	0.532	3.860	1.535	1.650	1.822	0.000	0.000	3.403	1055730.976	1079008.052	1592.720	TOP
20	19	352	5	18	98	44	58	89.485	-3.269	89.349	1.448	1.650	0.000	34.772	18.420	0.000	1055729.155	1079011.455	1592.323	DTA
20	21	352	24	2	89	16	58	49.341	0.617	49.337	1.448	1.650	48.904	0.000	0.000	6.525	1055812.830	1078986.511	1596.210	DTA
20	2272	161	38	34	93	35	24	30.126	-1.887	30.067	1.448	1.650	0.000	28.537	9.469	0.000	1055735.390	1079002.504	1593.706	CRK
20	2273	162	47	45	92	56	20	30.479	-1.563	30.439	1.448	1.650	0.000	29.077	9.003	0.000	1055734.849	1079002.038	1594.030	TOP
20	2274	160	8	19	93	37	26	29.984	-1.895	29.924	1.448	1.650	0.000	28.144	10.166	0.000	1055735.782	1079003.202	1593.698	TOP
20	2275	158	40	0	94	18	21	29.907	-2.245	29.823	1.448	1.650	0.000	27.779	10.849	0.000	1055736.147	1079003.884	1593.347	BVIA
20	2276	154	33	27	94	47	57	29.057	-2.431	28.955	1.448	1.650	0.000	26.147	13.439	0.000	1055737.280	1079005.475	1593.162	EJE
20	2277	150	16	21	95	13	0	28.549	-2.596	28.431	1.448	1.650	0.000	24.689	14.098	0.000	1055739.237	1079007.133	1592.997	BVIA
20	2278	149	38	8	95	25	19	28.595	-2.702	28.467	1.448	1.650	0.000	24.562	14.390	0.000	1055739.364	1079007.425	1592.891	TOP
20	2279	147	59	33	93	59	30	27.904	-1.943	27.896	1.448	1.650	0.000	23.605	14.754	0.000	1055740.322	1079007.789	1593.690	TOP
20	2280	145	50	12	91	50	46	27.678	-0.898	27.864	1.448	1.650	0.000	23.056	15.647	0.000	1055740.871	1079008.682	1594.695	CRK
20	2281	145	55	30	92	17	13	22.239	-1.017	22.216	1.448	1.650	0.000	18.401	12.447	0.000	1055745.525	1079005.482	1594.576	TOP
20	2282	147	25	10	92	52	58	21.917	-1.103	21.889	1.448	1.650	0.000	18.645	11.787	0.000	1055745.482	1079004.822	1594.491	CRK
20	2283	148	36	40	93	57	26	21.873	-1.510	21.821	1.448	1.650	0.000	18.627	11.365	0.000	1055745.299	1079004.400	1594.083	TOP
20	2284	151	24	50	95	4	18	21.840	-1.931	21.755	1.448	1.650	0.000	19.103	10.409	0.000	1055744.824	1079003.444	1593.663	TOP
20	2285	152	49	40	94	33	59	21.769	-1.733	21.700	1.448	1.650	0.000	19.305	9.910	0.000	1055744.622	1079002.945	1593.860	BVIA
20	2286	158	0	1	94	6	2	21.740	-1.555	21.684	1.448	1.650	0.000	20.105	8.123	0.000	1055743.821	1079001.158	1594.038	EJE
20	2287	163	53	59	93	45	22	22.044	-1.444	21.997	1.448	1.650	0.000	21.134	6.100	0.000	1055742.793	1078999.135	1594.149	BVIA
20	2288	166	19	38	96	54	14	24.357	-2.928	24.180	1.448	0.200	0.000	23.495	5.716	0.000	1055740.431	1078998.751	1594.115	ENTRD
20	2289	168	17	48	93	46	55	21.681	-1.430	21.634	1.448	1.650	0.000	21.184	4.388	0.000	1055742.742	1078997.423	1594.163	ENTRD
20	2290	171	53	40	92	56	31	16.194	-0.829	16.135	1.448	1.650	0.000	15.972	2.284	0.000	1055747.954	1078995.319	1594.764	TOP
20	2291	169	11	11	92	40	24	16.170	-0.754	16.152	1.448	1.650	0.000	15.866	3.029	0.000	1055748.061	1078996.064	1594.839	CRK
20	2292	166	28	44	92	50	6	16.176	-0.800	16.156	1.448	1.650	0.000	15.708	3.777	0.000	1055748.218	1078996.813	1594.793	BVIA
20	2293	158	56	47	93	20	56	16.302	-0.952	16.274	1.448	1.650	0.000	15.188	5.846	0.000	1055748.739	1078998.882	1594.641	EJE
20	2294	152	23	13	93	46	37	16.489	-1.086	16.453	1.448	1.650	0.000	14.579	7.626	0.000	1055749.347	1079000.661	1594.507	BVIA
20	2295	150	59	33	93	59	45	16.587	-1.156	16.547	1.448	1.650	0.000	14.471	8.024	0.000	1055749.456	1079001.059	1594.437	TOP
20	2296	147	54	41	93	8	2	16.732	-0.915	16.707	1.448	1.650	0.000	14.155	8.875	0.000	1055749.772	1079001.910	1594.678	TOP
20	2297	146	0	12	90	20	54	17.045	-0.104	17.045	1.448	1.650	0.000	14.131	9.530	0.000	1055749.795	1079002.566	1595.489	CRK
20	2298	132	20	25	87	18	59	11.592	0.543	11.579	1.448	1.650	0.000	7.799	8.559	0.000	1055756.128	1079001.594	1596.136	TOP
20	2299	134	23	2	88	11	32	11.280	0.356	11.274	1.448	1.650	0.000	7.886	8.057	0.000	1055756.041	1079001.093	1595.949	CRK
20	2300	139	1	31	89	52	46	10.605	0.022	10.605	1.448	1.650	0.000	8.007	6.954	0.000	1055755.920	1078999.589	1595.615	TOP
20	2301	142	11	41	93	22	10	10.089	-0.593	10.072	1.448	1.650	0.000	7.958	6.174	0.000	1055755.969	1078999.209	1595.000	TOP
20	2302	145	13	20	92	28	57	9.904	-0.429	9.895	1.448	1.650	0.000	8.127	5.644	0.000	1055755.789	1078998.679	1595.164	BVIA
20	2303	155	20	24	91	53	42	9.126	-0.302	9.121	1.448	1.650	0.000	8.289	5.806	0.000	1055755.637	1078998.841	1595.291	EJE
20	2304	166	29	6	91	40	20	8.721	-0.255	8.717	1.448	1.650	0.000	8.476	2.037	0.000	1055755.451	1078995.072	1595.338	BVIA
20	2305	171	53	47	90	26	57	8.696	-0.068	8.696	1.448	1.650	0.000	8.605	1.226	0.000	1055755.318	1078994.261	1595.525	CRK
20	2306	177	46	2	91	33	27	8.822	-0.240	8.819	1.448	1.650	0.000	8.812	0.344	0.000	1055755.115	1078993.379	1595.353	TOP
20	2307	197	42	25	90	50	56	2.234	-0.033	2.234	1.448	1.650	0.000	2.128	0.000	0.679	1055761.799	1078992.356	1595.560	TOP

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20	2308	179	42	36	85	9	31	2.211	0.187	2.203	1.448	1.650	0.000	2.203	0.011	0.000	1055761.724	1078993.046	1595.778	CRK
20	2309	186	56	44	85	12	1	2.095	0.175	2.088	1.448	1.650	0.000	2.034	0.472	0.000	1055761.893	1078993.507	1595.768	TOP
20	2310	153	54	53	89	49	24	2.077	0.006	2.077	1.448	1.650	0.000	1.865	0.913	0.000	1055762.061	1078993.949	1595.599	BVIA
20	2311	121	51	11	91	10	2	3.009	-0.061	3.008	1.448	1.650	0.000	1.588	2.555	0.000	1055762.339	1078995.591	1595.532	EJE
20	2312	109	33	10	90	26	42	4.222	-0.033	4.222	1.448	1.650	0.000	1.413	3.978	0.000	1055762.514	1078997.014	1595.560	BVIA
20	2313	105	3	49	90	29	13	4.930	-0.042	4.930	1.448	1.650	0.000	1.280	4.761	0.000	1055762.647	1078997.796	1595.551	TOP
20	2314	102	55	13	83	52	40	6.514	0.695	6.477	1.448	1.650	0.000	1.448	6.313	0.000	1055762.478	1078999.348	1596.288	TOP
20	2315	38	46	26	84	26	32	8.240	0.708	8.201	1.448	1.650	6.394	0.000	5.136	0.000	1055770.320	1078998.171	1596.391	CRK
20	2316	35	43	45	86	49	28	7.526	0.417	7.514	1.448	1.650	6.100	0.000	4.388	0.000	1055770.027	1078997.423	1596.010	TOP
20	2317	25	48	43	89	40	7	6.727	0.099	6.727	1.448	1.650	6.056	0.000	2.929	0.000	1055769.982	1078995.964	1595.632	BVIA
20	2318	9	9	11	88	51	57	5.947	0.118	5.946	1.448	1.650	5.870	0.000	0.946	0.000	1055769.797	1078993.981	1595.711	EJE
20	2319	351	21	28	89	2	52	6.241	0.104	6.240	1.448	1.650	6.169	0.000	0.000	0.938	1055770.096	1078992.098	1595.697	BVIA
20	2320	342	17	26	89	18	14	6.404	0.078	6.403	1.448	1.650	6.100	0.000	0.000	1.948	1055770.027	1078991.087	1595.671	CRK
20	2321	316	28	5	97	4	28	8.920	-1.099	8.852	1.448	1.650	6.418	0.000	0.000	6.097	1055770.344	1078986.938	1594.494	CRK
20	2322	319	39	50	96	36	6	9.423	-1.083	9.359	1.448	1.650	7.134	0.000	0.000	6.058	1055771.061	1078986.977	1594.510	BVIA
20	2323	325	16	48	96	15	59	13.013	-1.420	12.935	1.448	1.650	10.632	0.000	0.000	7.367	1055774.559	1078985.668	1594.172	BVIA
20	2324	325	52	10	96	14	59	15.130	-1.647	15.040	1.448	1.650	12.450	0.000	0.000	8.439	1055776.376	1078984.597	1593.946	CRK
20	2325	350	34	5	89	53	52	11.394	0.020	11.394	1.448	1.650	11.240	0.000	0.000	1.867	1055775.167	1078991.168	1595.613	BVIA
20	2326	349	15	32	90	48	25	16.258	-0.229	16.256	1.448	1.650	15.972	0.000	0.000	3.090	1055779.898	1078990.006	1595.364	TOP
20	2327	351	14	22	88	31	2	15.731	0.407	15.716	1.448	1.650	15.532	0.000	0.000	2.394	1055779.459	1078990.642	1596.000	CRK
20	2328	352	7	16	89	23	20	15.829	0.169	15.828	1.448	1.650	15.679	0.000	0.000	2.170	1055779.605	1078990.866	1595.762	TOP
20	2329	353	14	3	89	28	4	15.829	0.147	15.828	1.448	1.650	15.718	0.000	0.000	1.865	1055779.645	1078991.170	1595.740	BVIA
20	2330	0	44	22	89	21	40	15.856	0.177	15.855	1.448	1.650	15.854	0.000	0.205	0.000	1055779.780	1078993.240	1595.770	EJE
20	2331	6	25	45	89	19	20	16.038	0.190	16.037	1.448	1.650	15.996	0.000	1.796	0.000	1055779.863	1078994.831	1595.783	BVIA
20	2332	8	43	6	89	55	10	16.298	0.003	16.298	1.448	1.650	16.110	0.000	2.470	0.000	1055780.036	1078995.506	1595.616	TOP
20	2333	13	29	10	89	6	55	16.412	0.253	16.410	1.448	1.650	15.958	0.000	3.827	0.000	1055779.884	1078996.862	1595.846	CRK
20	2334	16	27	56	88	53	8	16.444	0.320	16.441	1.448	1.650	15.767	0.000	4.660	0.000	1055779.693	1078997.695	1595.913	TOP
20	2335	4	19	17	92	45	20	21.174	-1.018	21.149	1.448	1.650	21.089	0.000	1.594	0.000	1055785.016	1078994.629	1594.575	BATEA
20	2336	3	2	51	89	26	27	21.272	0.207	21.271	1.448	1.650	21.241	0.000	1.131	0.000	1055785.167	1078994.166	1595.800	BVIA
20	2337	357	34	3	89	27	14	21.137	0.201	21.136	1.448	1.650	21.117	0.000	0.000	0.897	1055785.044	1078992.138	1595.794	EJE
20	2338	354	6	24	89	29	8	21.276	0.191	21.275	1.448	1.650	21.163	0.000	0.000	2.184	1055785.089	1078990.851	1595.784	BVIA
20	2339	351	25	49	91	9	47	21.381	-0.434	21.377	1.448	2.800	21.138	0.000	0.000	3.185	1055785.065	1078989.850	1594.009	BATEA
20	2340	3	19	25	89	16	43	29.658	0.373	29.656	1.448	1.650	29.606	0.000	1.719	0.000	1055793.532	1078994.755	1595.966	TOP
20	2341	2	22	55	89	4	35	29.481	0.475	29.477	1.448	1.650	29.452	0.000	1.225	0.000	1055793.378	1078994.260	1596.068	CRK
20	2342	0	57	59	89	38	34	29.261	0.182	29.260	1.448	1.650	29.256	0.000	0.494	0.000	1055793.183	1078993.529	1595.775	TOP
20	2343	359	37	16	89	22	35	29.239	0.318	29.237	1.448	1.650	29.237	0.000	0.000	0.193	1055793.163	1078992.842	1595.911	BVIA
20	2344	356	6	27	89	19	9	28.944	0.344	28.942	1.448	1.650	28.875	0.000	0.000	1.965	1055792.802	1078991.071	1595.937	EJE
20	2345	352	46	51	89	19	26	29.014	0.342	29.012	1.448	1.650	28.782	0.000	0.000	3.646	1055792.709	1078989.390	1595.935	BVIA
20	2346	351	34	20	89	3	7	29.234	0.484	29.230	1.448	1.650	28.914	0.000	0.000	4.284	1055792.841	1078988.751	1596.077	CRK
20	2347	350	4	50	88	44	29	29.757	0.653	29.750	1.448	4.050	29.305	0.000	0.000	5.125	1055793.232	1078987.911	1593.846	TOP

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21	20	172	24	1	90	22	36	49.338	-0.324	49.337	1.559	1.650	0.000	48.904	6.525	0.000	1055763.927	1078993.035	1595.795	OTA
21	22	339	47	48	86	53	31	53.179	2.883	53.101	1.559	1.650	49.834	0.000	0.000	18.338	1055862.664	1078968.172	1599.003	OTA
21	2348	181	36	49	90	28	36	13.954	-0.116	13.953	1.559	1.650	0.000	13.948	0.000	0.393	1055798.882	1078986.118	1594.803	TOP
21	2349	179	1	2	90	20	43	13.866	-0.084	13.866	1.559	1.650	0.000	13.864	0.238	0.000	1055798.967	1078986.748	1596.036	CRK
21	2350	176	25	26	90	19	49	13.720	-0.079	13.720	1.559	1.650	0.000	13.693	0.856	0.000	1055799.137	1078987.366	1596.040	BVIA
21	2351	167	46	56	90	10	55	13.392	-0.110	13.391	1.559	1.650	0.000	13.088	2.834	0.000	1055799.743	1078989.345	1595.999	EJE
21	2352	160	47	17	90	39	1	13.224	-0.150	13.223	1.559	1.650	0.000	12.487	4.351	0.000	1055800.344	1078990.862	1595.969	BVIA
21	2353	158	4	35	91	7	21	13.317	-0.261	13.314	1.559	1.650	0.000	12.352	4.971	0.000	1055800.479	1078991.482	1595.858	TOP
21	2354	155	31	22	90	3	29	13.363	-0.014	13.363	1.559	1.650	0.000	12.146	5.572	0.000	1055800.685	1078992.083	1596.106	CRK
21	2355	152	42	40	90	39	31	13.601	-0.156	13.600	1.559	1.650	0.000	12.087	6.235	0.000	1055800.744	1078992.746	1595.963	TOP
21	2356	143	35	59	87	21	3	6.783	0.314	6.776	1.559	1.650	0.000	5.454	4.021	0.000	1055807.377	1078990.531	1596.433	TOP
21	2357	146	55	10	87	51	6	6.557	0.246	6.552	1.559	1.650	0.000	5.490	3.576	0.000	1055807.340	1078990.087	1596.365	CRK
21	2358	152	31	54	85	42	15	6.530	0.034	6.530	1.559	1.650	0.000	5.794	3.012	0.000	1055807.037	1078989.523	1596.158	TOP
21	2359	154	56	17	91	31	14	6.606	-0.175	6.604	1.559	1.650	0.000	5.982	2.797	0.000	1055806.848	1078989.308	1595.944	TOP
21	2360	161	28	32	89	48	3	6.704	0.029	6.704	1.559	1.650	0.000	6.357	2.130	0.000	1055806.474	1078988.640	1596.143	BVIA
21	2361	177	24	12	90	4	35	7.112	-0.009	7.112	1.559	1.650	0.000	7.105	0.322	0.000	1055805.726	1078986.833	1596.110	EJE
21	2362	190	0	56	90	12	47	7.929	-0.029	7.929	1.559	1.650	0.000	7.808	0.000	1.379	1055805.022	1078985.132	1596.090	BVIA
21	2363	193	58	23	92	49	25	8.233	-0.406	8.223	1.559	1.650	0.000	7.980	0.000	1.986	1055804.851	1078984.525	1595.714	CRK
21	2364	196	10	40	95	18	39	8.714	-0.807	8.677	1.559	1.650	0.000	8.333	0.000	2.418	1055804.497	1078984.093	1595.313	TOP
21	2365	242	55	6	96	45	17	5.102	-0.600	5.067	1.559	1.650	0.000	2.907	0.000	4.511	1055810.524	1078981.999	1595.519	TOP
21	2366	242	5	20	87	21	58	4.559	0.210	4.554	1.559	1.650	0.000	2.132	0.000	4.024	1055810.699	1078982.486	1596.329	CRK
21	2367	240	21	22	88	53	5	4.044	0.079	4.043	1.559	1.650	0.000	2.000	0.000	3.514	1055810.831	1078982.996	1596.138	BVIA
21	2368	228	59	15	86	50	18	2.107	0.316	2.104	1.559	1.650	0.000	1.381	0.000	1.587	1055811.450	1078984.923	1596.235	EJE
21	2369	171	31	18	86	17	56	0.897	0.058	0.895	1.559	1.650	0.000	0.885	0.132	0.000	1055811.945	1078986.643	1596.177	BVIA
21	2370	128	40	51	93	50	35	1.022	-0.068	1.020	1.559	1.650	0.000	0.637	0.796	0.000	1055811.393	1078987.307	1596.051	TOP
21	2371	118	45	4	72	18	40	1.510	0.459	1.439	1.559	1.650	0.000	0.692	1.261	0.000	1055812.338	1078987.772	1596.578	CRK
21	2372	105	42	10	73	57	59	2.042	0.564	1.963	1.559	1.650	0.000	0.531	1.889	0.000	1055812.299	1078988.400	1596.683	TOP
21	2373	353	40	54	82	55	51	6.564	0.808	6.514	1.559	1.650	6.475	0.000	0.000	0.717	1055819.305	1078985.794	1596.927	TOP
21	2374	348	2	52	86	40	42	6.457	0.374	6.446	1.559	1.650	6.306	0.000	0.000	1.335	1055819.137	1078985.176	1596.493	CRK
21	2375	343	31	24	88	52	58	6.452	0.126	6.451	1.559	1.650	6.186	0.000	0.000	1.830	1055819.016	1078984.681	1596.245	TOP
21	2376	336	23	35	87	23	9	6.457	0.295	6.450	1.559	1.650	5.910	0.000	0.000	2.583	1055818.741	1078983.927	1596.414	BVIA
21	2377	321	1	38	87	52	8	6.852	0.255	6.847	1.559	1.650	5.323	0.000	0.000	4.107	1055818.154	1078982.204	1596.374	EJE
21	2378	309	14	31	88	18	20	7.849	0.232	7.840	1.559	1.650	4.959	0.000	0.000	6.072	1055817.790	1078980.439	1596.351	BVIA
21	2379	306	16	10	86	40	57	8.354	0.483	8.340	1.559	1.650	4.934	0.000	0.000	6.724	1055817.764	1078979.786	1596.603	CRK
21	2380	305	28	36	91	24	14	8.942	-0.219	8.939	1.559	1.650	5.188	0.000	0.000	7.280	1055818.018	1078979.231	1595.900	TOP
21	2381	319	59	39	90	8	45	15.784	-0.040	15.784	1.559	1.650	12.090	0.000	0.000	10.147	1055824.921	1078976.364	1596.079	TOP
21	2382	321	34	41	88	4	30	15.585	0.524	15.576	1.559	1.650	12.203	0.000	0.000	9.680	1055825.034	1078976.831	1596.643	CRK
21	2383	323	51	35	88	5	17	15.504	0.517	15.495	1.559	1.650	12.514	0.000	0.000	9.139	1055825.344	1078977.372	1596.636	BVIA
21	2384	330	58	32	87	53	47	15.047	0.552	15.037	1.559	1.650	13.148	0.000	0.000	7.296	1055825.979	1078979.215	1596.672	EJE
21	2385	337	46	13	87	35	16	14.902	0.627	14.889	1.559	1.650	13.782	0.000	0.000	5.833	1055826.613	1078980.878	1596.746	BVIA

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21	2386	341	14	37	88	32	28	14.955	0.381	14.950	1.559	1.650	14.156	0.000	0.000	4.807	1055826.987	1078981.703	1596.500	TOP
21	2387	342	41	20	87	23	6	14.622	0.667	14.607	1.559	1.650	13.945	0.000	0.000	4.346	1055826.776	1078982.164	1596.786	CRK
21	2388	345	9	41	85	5	38	14.684	1.256	14.630	1.559	1.650	14.142	0.000	0.000	3.747	1055826.973	1078982.764	1597.375	TOP
22	21	159	47	47	92	50	12	53.166	-2.631	53.101	1.489	1.650	0.000	49.834	18.338	0.000	1055812.830	1078988.511	1596.210	DTA
22	23	132	22	53	80	19	51	57.418	9.644	56.602	1.489	1.650	0.000	38.154	41.811	0.000	1055824.510	1079009.983	1608.485	DTA
22	2389	171	26	44	94	25	7	29.320	-2.259	29.233	1.489	1.650	0.000	28.908	4.348	0.000	1055833.756	1078972.520	1596.583	TOP
22	2390	170	22	3	93	0	56	29.205	-1.536	29.165	1.489	1.650	0.000	28.753	4.880	0.000	1055833.911	1078973.052	1597.305	CRK
22	2391	169	9	29	93	20	10	29.150	-1.696	29.101	1.489	1.650	0.000	28.581	5.474	0.000	1055834.083	1078973.646	1597.345	BVIA
22	2392	163	33	37	93	17	20	28.908	-1.659	28.860	1.489	1.650	0.000	27.681	8.168	0.000	1055834.983	1078976.340	1597.183	EJE
22	2393	160	47	56	93	10	43	28.785	-1.596	28.741	1.489	1.650	0.000	27.142	9.452	0.000	1055835.522	1078977.624	1597.245	BVIA
22	2394	159	5	29	93	37	48	28.872	-1.828	28.814	1.489	1.650	0.000	26.917	10.283	0.000	1055835.747	1078978.455	1597.013	TOP
22	2395	158	38	11	93	5	3	28.859	-1.553	28.817	1.489	1.650	0.000	26.838	10.495	0.000	1055835.826	1078978.667	1597.289	TOP
22	2396	157	52	18	92	40	40	28.787	-1.345	28.756	1.489	1.650	0.000	26.638	10.832	0.000	1055836.026	1078979.004	1597.497	CRK
22	2397	156	35	41	92	2	21	29.030	-1.082	28.992	1.489	1.650	0.000	26.606	11.516	0.000	1055836.058	1078979.688	1597.809	TOP
22	2398	155	17	24	91	54	38	22.214	-0.741	22.202	1.489	1.650	0.000	20.169	9.281	0.000	1055842.495	1078977.453	1598.101	TOP
22	2399	156	43	2	92	33	32	22.227	-0.992	22.205	1.489	1.650	0.000	20.397	8.777	0.000	1055842.267	1078976.949	1597.849	CRK
22	2400	158	14	48	92	59	44	22.236	-1.162	22.206	1.489	1.650	0.000	20.624	8.230	0.000	1055842.040	1078976.402	1597.679	TOP
22	2401	159	0	5	93	44	39	22.297	-1.456	22.249	1.489	1.650	0.000	20.772	7.973	0.000	1055841.892	1078976.145	1597.585	TOP
22	2402	161	5	12	93	19	17	22.353	-1.289	22.216	1.489	1.650	0.000	21.016	7.201	0.000	1055841.648	1078975.373	1597.552	BVIA
22	2403	166	35	45	93	22	26	22.347	-1.315	22.308	1.489	1.650	0.000	21.701	5.171	0.000	1055840.963	1078973.343	1597.526	EJE
22	2404	172	15	13	93	15	12	22.717	-1.289	22.680	1.489	1.650	0.000	22.473	3.057	0.000	1055840.191	1078971.229	1597.552	BVIA
22	2405	173	32	54	93	7	8	22.970	-1.250	22.936	1.489	1.650	0.000	22.791	2.577	0.000	1055839.873	1078970.749	1597.592	CRK
22	2406	174	49	49	94	3	15	22.933	-1.621	22.876	1.489	1.650	0.000	22.783	2.061	0.000	1055839.881	1078970.233	1597.220	TOP
22	2407	178	19	17	93	38	7	16.697	-1.059	16.663	1.489	1.650	0.000	16.656	0.488	0.000	1055846.008	1078968.660	1597.783	TOP
22	2408	176	9	59	92	32	52	16.614	-0.739	16.598	1.489	1.650	0.000	16.590	1.110	0.000	1055846.104	1078969.282	1598.103	CRK
22	2409	174	46	19	92	47	48	16.551	-0.808	16.531	1.489	1.650	0.000	16.462	1.506	0.000	1055846.202	1078969.678	1598.034	BVIA
22	2410	164	49	37	92	57	37	16.617	-0.858	16.595	1.489	1.650	0.000	16.016	4.343	0.000	1055846.648	1078972.516	1597.983	EJE
22	2411	159	17	29	92	57	13	16.979	-0.875	16.956	1.489	1.650	0.000	15.861	5.996	0.000	1055846.803	1078974.168	1597.967	BVIA
22	2412	156	32	20	93	36	43	17.203	-1.084	17.169	1.489	1.650	0.000	15.750	6.835	0.000	1055846.914	1078975.007	1597.758	TOP
22	2413	154	46	14	92	34	7	17.399	-0.780	17.382	1.489	1.650	0.000	15.723	7.409	0.000	1055846.940	1078975.581	1598.062	TOP
22	2414	153	16	59	92	5	40	17.610	-0.644	17.598	1.489	1.650	0.000	15.719	7.912	0.000	1055846.945	1078976.084	1598.158	CRK
22	2415	151	5	53	91	48	23	18.043	-0.569	18.034	1.489	1.650	0.000	15.788	8.716	0.000	1055846.876	1078976.888	1598.273	TOP
22	2416	144	15	18	88	50	27	15.043	0.304	15.040	1.489	1.650	0.000	12.207	8.786	0.000	1055850.457	1078976.958	1599.146	TOP
22	2417	145	52	35	88	36	31	14.569	0.354	14.565	1.489	1.650	0.000	12.057	8.170	0.000	1055850.607	1078976.343	1599.195	CRK
22	2418	148	4	11	91	26	19	13.872	-0.351	13.868	1.489	1.650	0.000	11.759	7.354	0.000	1055850.895	1078975.506	1598.491	TOP
22	2419	151	48	48	93	30	25	13.583	-0.831	13.558	1.489	1.650	0.000	11.950	6.404	0.000	1055850.714	1078974.576	1598.011	TOP
22	2420	154	55	37	92	19	24	13.317	-0.540	13.306	1.489	1.650	0.000	12.052	5.639	0.000	1055850.617	1078973.811	1598.302	BVIA
22	2421	164	21	0	92	18	52	12.398	-0.503	12.388	1.489	1.650	0.000	11.929	3.342	0.000	1055850.735	1078971.514	1598.341	EJE
22	2422	174	30	58	92	5	13	12.175	-0.443	12.167	1.489	1.650	0.000	12.111	1.163	0.000	1055850.553	1078969.335	1598.398	BVIA
22	2423	178	58	36	93	3	55	12.350	-0.660	12.332	1.489	1.650	0.000	12.330	0.220	0.000	1055850.334	1078968.392	1598.181	CRK

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22	2424	182	7	46	97	31	25	12.367	-1.619	12.260	1.489	1.650	0.000	12.252	0.000	0.456	1055850.412	1078967.717	1597.222	TOP
22	2425	187	29	58	99	31	24	7.751	-1.282	7.644	1.489	1.650	0.000	7.579	0.000	0.998	1055855.085	1078967.174	1597.559	TOP
22	2426	182	59	48	92	32	5	7.287	-0.322	7.280	1.489	1.650	0.000	7.270	0.000	0.381	1055855.394	1078967.791	1598.519	CRK
22	2427	165	10	34	91	13	56	8.002	-0.172	8.000	1.489	1.650	0.000	7.734	2.047	0.000	1055854.930	1078970.219	1598.669	BVIA
22	2428	150	56	26	90	44	23	8.874	-0.315	8.873	1.489	1.650	0.000	7.756	4.310	0.000	1055854.906	1078972.482	1598.727	EJE
22	2429	143	46	33	91	19	50	10.387	-0.241	10.384	1.489	1.650	0.000	8.377	6.136	0.000	1055854.287	1078974.309	1598.600	BVIA
22	2430	142	4	28	92	12	34	10.961	-0.423	10.955	1.489	1.650	0.000	8.640	6.732	0.000	1055854.024	1078974.904	1598.429	TOP
22	2431	135	43	38	85	34	48	13.067	1.007	13.028	1.489	1.650	0.000	9.328	9.095	0.000	1055853.335	1078977.267	1599.849	CRK
22	2432	134	55	31	85	31	21	13.905	1.086	13.863	1.489	1.650	0.000	9.790	9.815	0.000	1055852.874	1078977.987	1599.927	TOP
22	2433	123	18	59	84	34	26	13.068	1.236	13.009	1.489	1.650	0.000	7.146	10.871	0.000	1055855.518	1078979.043	1600.077	TOP
22	2434	123	41	28	84	45	39	12.398	1.132	12.346	1.489	1.650	0.000	6.845	10.273	0.000	1055855.815	1078978.445	1599.974	CRK
22	2435	122	47	30	88	3	19	11.214	0.380	11.208	1.489	1.650	0.000	6.070	9.422	0.000	1055856.394	1078977.594	1599.222	TOP
22	2436	118	48	36	88	52	16	10.035	0.198	10.033	1.489	1.650	0.000	4.835	8.791	0.000	1055857.829	1078976.963	1599.039	TOP
22	2437	118	14	19	87	53	38	10.188	0.374	10.181	1.489	1.650	0.000	4.817	8.969	0.000	1055857.847	1078977.141	1599.216	PHUELLA
22	2438	107	51	32	83	49	37	6.696	0.720	6.657	1.489	1.700	0.000	2.042	6.316	0.000	1055860.622	1078974.508	1599.512	PHUELLA
22	2439	85	49	28	83	24	50	6.139	0.704	6.098	1.489	1.700	0.444	0.000	6.082	0.000	1055863.108	1078974.254	1599.496	FCUN
22	2440	74	39	25	76	51	11	6.755	1.536	6.578	1.489	1.700	1.741	0.000	6.344	0.000	1055864.404	1078974.516	1600.328	TOP
22	2441	53	37	49	77	16	2	7.900	1.741	7.706	1.489	1.650	4.569	0.000	6.205	0.000	1055867.293	1078974.377	1600.583	CRK
22	2442	175	31	5	91	12	13	6.650	-0.140	6.648	1.489	1.650	0.000	6.628	0.520	0.000	1055856.086	1078968.692	1598.702	BVIA
22	2443	183	27	47	93	35	20	6.813	-0.434	6.799	1.489	1.650	0.000	6.787	0.000	0.411	1055855.877	1078967.761	1598.407	CRK
22	2444	209	47	58	93	56	19	1.731	-0.119	1.727	1.489	1.650	0.000	1.499	0.000	0.858	1055861.165	1078967.314	1598.723	CRK
22	2445	179	46	13	85	37	54	1.464	0.111	1.460	1.489	1.650	0.000	1.460	0.006	0.000	1055861.204	1078968.178	1598.953	BVIA
22	2446	103	27	16	83	39	59	2.550	0.281	2.534	1.489	1.650	0.000	0.590	2.465	0.000	1055862.074	1078970.637	1599.123	EJE
22	2447	85	2	37	83	18	23	4.856	0.566	4.823	1.489	1.650	0.417	0.000	4.805	0.000	1055863.081	1078972.977	1599.408	BVIA
22	2448	55	44	10	89	29	27	5.876	0.092	5.876	1.489	1.650	4.769	0.000	3.432	0.000	1055867.433	1078971.604	1598.894	BVIA
22	2449	17	12	29	90	39	24	4.964	-0.057	4.964	1.489	1.650	4.742	0.000	1.469	0.000	1055867.406	1078969.641	1598.785	EJE
22	2450	356	59	22	91	25	50	4.802	-0.120	4.801	1.489	1.650	4.794	0.000	0.000	0.252	1055867.458	1078967.920	1598.722	BVIA
22	2451	347	37	28	92	26	18	5.018	-0.214	5.014	1.489	1.650	4.897	0.000	0.000	1.074	1055867.563	1078967.098	1598.628	CRK
22	2452	356	37	16	90	56	51	10.389	-0.172	10.388	1.489	1.650	10.370	0.000	0.000	0.612	1055873.034	1078967.560	1598.670	CRK
22	2453	359	3	19	92	9	25	10.351	-0.390	10.344	1.489	1.650	10.342	0.000	0.000	0.171	1055873.006	1078968.002	1598.452	BVIA
22	2454	9	26	32	92	15	6	9.254	-0.364	9.247	1.489	1.650	9.122	0.000	1.517	0.000	1055871.786	1078969.689	1598.478	EJE
22	2455	20	53	55	91	19	2	8.491	-0.195	8.489	1.489	1.650	7.930	0.000	3.028	0.000	1055870.934	1078971.200	1598.646	BVIA
22	2456	30	11	58	97	13	54	9.211	-1.159	9.138	1.489	1.650	7.898	0.000	4.596	0.000	1055870.562	1078972.768	1597.682	BATEA
22	2457	352	36	54	99	35	13	10.998	-1.832	10.844	1.489	1.650	10.755	0.000	0.000	1.394	1055873.418	1078969.778	1597.010	BATEA
22	2458	0	36	14	91	44	10	18.632	-0.564	18.624	1.489	1.650	18.622	0.000	0.196	0.000	1055881.288	1078968.368	1598.277	CRK
22	2459	2	39	51	91	48	29	18.558	-0.586	18.549	1.489	1.650	18.529	0.000	0.862	0.000	1055881.193	1078969.034	1598.256	BVIA
22	2460	14	30	5	92	22	46	18.840	-0.782	18.824	1.489	1.650	18.224	0.000	4.714	0.000	1055880.888	1078972.886	1598.059	BVIA
22	2461	19	28	34	90	59	35	19.039	-0.330	19.036	1.489	1.650	17.947	0.000	6.347	0.000	1055880.611	1078974.519	1598.512	CRK
22	2462	68	58	45	81	5	7	15.274	2.367	15.090	1.489	1.650	5.413	0.000	14.085	0.000	1055868.077	1078982.257	1601.208	CRK
22	2463	84	31	22	81	20	55	7.469	1.123	7.384	1.489	1.650	0.705	0.000	7.350	0.000	1055863.369	1078975.522	1599.965	HCUN

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22	2464	85	45	22	82	44	31	7.481	0.945	7.421	1.489	1.650	0.549	0.000	7.401	0.000	1055863.213	1078975.573	1599.787	FCUN
22	2465	93	45	19	82	29	5	8.299	1.085	8.228	1.489	1.650	0.000	0.539	8.210	0.000	1055862.125	1078976.382	1599.927	BVIA
22	2466	108	21	54	86	5	50	10.956	0.746	10.931	1.489	1.650	0.000	3.444	10.374	0.000	1055859.220	1078978.546	1599.587	BVIA
22	2467	109	51	45	86	33	56	11.370	0.681	11.350	1.489	1.650	0.000	3.856	10.674	0.000	1055858.808	1078978.846	1599.523	FCUN
22	2468	110	17	13	85	39	11	11.567	0.877	11.534	1.489	1.650	0.000	3.999	10.818	0.000	1055858.665	1078978.990	1599.718	HCUN
22	2469	80	53	52	80	32	11	10.455	1.719	10.313	1.489	1.650	1.631	0.000	10.183	0.000	1055864.295	1078978.355	1600.581	HCUN
22	2470	81	47	11	81	50	19	10.494	1.490	10.388	1.489	1.650	1.484	0.000	10.281	0.000	1055864.148	1078978.453	1600.331	FCUN
22	2471	84	3	0	81	49	3	10.719	1.526	10.610	1.489	1.650	1.100	0.000	10.553	0.000	1055863.764	1078978.725	1600.367	BVIA
22	2472	75	33	0	80	47	12	15.011	2.403	14.817	1.489	1.650	3.697	0.000	14.349	0.000	1055866.361	1078982.521	1601.245	HCUN
22	2473	76	16	38	81	39	57	15.058	2.183	14.899	1.489	1.650	3.534	0.000	14.474	0.000	1055866.198	1078982.646	1601.024	FCUN
22	2474	78	4	8	81	36	3	15.183	2.218	15.020	1.489	1.650	3.305	0.000	14.696	0.000	1055865.769	1078982.868	1601.059	BVIA
22	2475	91	51	50	83	11	16	16.296	1.933	16.181	1.489	1.650	0.000	0.526	16.172	0.000	1055862.138	1078984.345	1600.774	BVIA
22	2476	93	37	12	83	29	28	16.638	1.886	16.533	1.489	1.650	0.000	1.044	16.498	0.000	1055861.620	1078984.670	1600.728	FCUN
22	2477	94	15	8	82	51	16	16.742	2.082	16.612	1.489	1.650	0.000	1.232	16.566	0.000	1055861.432	1078984.738	1600.924	HCUN
22	2478	98	41	38	80	48	3	17.425	2.786	17.203	1.489	1.650	0.000	2.600	17.003	0.000	1055860.064	1078985.175	1601.627	CRK
22	2479	96	34	4	81	18	15	21.017	3.178	20.775	1.489	1.650	0.000	2.376	20.639	0.000	1055860.288	1078988.811	1602.019	CRK
22	2480	94	22	13	81	52	46	21.157	2.988	20.945	1.489	1.650	0.000	1.596	20.884	0.000	1055861.068	1078989.056	1601.830	HCUN
22	2481	93	47	39	82	26	35	21.231	2.792	21.047	1.489	1.650	0.000	1.393	21.001	0.000	1055861.271	1078989.173	1601.634	FCUN
22	2482	92	30	59	82	13	33	21.581	2.919	21.383	1.489	1.650	0.000	0.939	21.362	0.000	1055861.725	1078989.534	1601.761	BVIA
22	2483	81	47	8	81	32	15	22.798	3.355	22.550	1.489	1.650	3.222	0.000	22.318	0.000	1055865.885	1078990.491	1602.197	BVIA
22	2484	74	40	22	81	26	40	18.567	2.762	18.360	1.489	1.650	4.853	0.000	17.707	0.000	1055867.517	1078985.879	1601.604	HCUN
22	2485	75	37	30	81	6	3	18.198	2.815	17.979	1.489	1.650	4.464	0.000	17.416	0.000	1055867.128	1078985.588	1601.657	HCUN
22	2486	76	12	32	81	36	59	18.406	2.683	18.208	1.489	1.650	4.341	0.000	17.683	0.000	1055867.005	1078985.855	1601.525	FCUN
22	2487	78	45	19	81	40	57	21.409	3.096	21.178	1.489	1.650	4.130	0.000	20.771	0.000	1055866.794	1078988.943	1601.938	FCUN
22	2488	79	59	43	81	32	45	21.317	3.134	21.085	1.489	1.650	3.663	0.000	20.765	0.000	1055866.327	1078988.937	1601.975	BVIA
22	2489	77	49	35	81	33	18	21.658	3.181	21.423	1.489	1.650	4.518	0.000	20.941	0.000	1055867.182	1078989.114	1602.022	HCUN
22	2490	80	47	14	81	41	38	24.079	3.478	23.826	1.489	1.650	3.815	0.000	23.519	0.000	1055868.479	1078991.691	1602.320	HCUN
22	2491	81	42	35	81	15	3	24.148	3.673	23.867	1.489	1.650	3.441	0.000	23.618	0.000	1055868.105	1078991.790	1602.515	HCUN
22	2492	81	55	7	81	42	37	23.915	3.448	23.665	1.489	1.650	3.317	0.000	23.490	0.000	1055865.991	1078991.662	1602.290	FCUN
22	2493	83	1	16	81	29	30	23.684	3.504	23.423	1.489	1.650	2.846	0.000	23.250	0.000	1055865.510	1078991.422	1602.346	BVIA
22	2494	77	51	50	81	31	58	18.375	2.706	18.175	1.489	1.650	3.821	0.000	17.769	0.000	1055866.485	1078985.941	1601.547	BVIA
22	2495	72	36	49	81	17	5	20.647	3.129	20.409	1.489	1.650	6.098	0.000	19.476	0.000	1055868.762	1078987.648	1601.970	ENTRD
22	2496	75	49	53	82	10	22	24.267	3.308	24.061	1.489	1.650	5.889	0.000	23.329	0.000	1055868.553	1078991.501	1602.149	ENTRD
22	2497	86	4	47	82	19	28	28.960	3.868	28.701	1.489	0.000	1.962	0.000	28.633	0.000	1055864.626	1078996.805	1604.359	CRK
22	2498	88	26	46	81	16	38	28.203	4.277	27.877	1.489	1.650	0.756	0.000	27.867	0.000	1055863.420	1078996.039	1603.119	HCUN
22	2499	88	49	10	81	42	3	28.092	4.055	27.798	1.489	1.650	0.573	0.000	27.792	0.000	1055863.237	1078995.964	1602.896	FCUN
22	2500	89	55	43	81	29	58	27.785	4.107	27.480	1.489	1.650	0.034	0.000	27.480	0.000	1055862.698	1078995.652	1602.949	BVIA
22	2501	96	45	13	81	21	4	25.648	3.857	25.356	1.489	1.650	0.000	2.982	25.180	0.000	1055859.682	1078993.352	1602.698	BVIA
22	2502	97	30	8	81	29	47	25.131	3.716	24.855	1.489	1.650	0.000	3.245	24.642	0.000	1055859.419	1078992.814	1602.558	FCUN
22	2503	98	5	20	80	59	47	25.080	3.935	24.771	1.489	1.650	0.000	3.486	24.525	0.000	1055859.178	1078992.697	1602.766	HCUN

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22	2504	100	14	37	79	23	52	24.829	4.568	24.405	1.489	1.650	0.000	4.340	24.016	0.000	1055858.324	1078992.188	1603.410	CRK
23	22	312	22	53	99	24	0	57.373	-9.371	56.602	1.538	1.650	38.154	0.000	0.000	41.811	1055862.664	1078968.172	1599.003	DTA
23	24	132	54	16	81	10	1	47.137	7.238	46.578	1.538	1.650	0.000	31.709	34.118	0.000	1055782.801	1079044.101	1615.611	DTA
23	2505	332	30	10	97	35	48	34.192	-4.520	33.892	1.538	1.650	30.063	0.000	0.000	15.648	1055854.574	1078994.335	1603.853	TOP
23	2506	333	49	19	97	8	53	34.089	-4.241	33.818	1.538	1.650	30.349	0.000	0.000	14.919	1055854.860	1078995.064	1604.132	CRK
23	2507	335	8	20	97	44	45	34.045	-4.589	33.734	1.538	1.650	30.608	0.000	0.000	14.182	1055855.119	1078995.800	1603.784	HCUN
23	2508	335	32	20	98	2	42	34.043	-4.765	33.708	1.538	1.650	30.682	0.000	0.000	13.957	1055855.193	1078996.025	1603.609	FCUN
23	2509	336	28	23	97	53	9	34.054	-4.672	33.732	1.538	1.650	30.928	0.000	0.000	13.485	1055855.438	1078996.518	1603.701	BVIA
23	2510	342	33	4	97	29	48	34.239	-4.467	33.946	1.538	1.650	32.384	0.000	0.000	10.179	1055856.895	1078999.804	1603.906	BVIA
23	2511	343	30	26	97	32	30	34.349	-4.508	34.052	1.538	1.650	32.651	0.000	0.000	9.867	1055857.161	1079000.316	1603.865	FCUN
23	2512	343	50	47	97	12	26	34.358	-4.311	34.087	1.538	1.650	32.741	0.000	0.000	9.483	1055857.251	1079000.499	1604.063	HCUN
23	2513	349	29	1	95	17	59	34.602	-3.196	34.454	1.538	1.650	33.354	0.000	0.000	8.636	1055857.865	1079001.347	1605.177	CRK
23	2514	346	59	21	94	14	16	27.378	-2.023	27.303	1.538	1.650	26.602	0.000	0.000	6.147	1055851.113	1079003.836	1606.350	CRK
23	2515	345	14	19	97	2	41	27.400	-3.361	27.193	1.538	1.650	26.290	0.000	0.000	6.929	1055850.806	1079003.054	1605.013	HCUN
23	2516	344	49	19	97	26	23	27.382	-3.545	27.152	1.538	1.650	26.204	0.000	0.000	7.109	1055850.715	1079002.874	1604.828	FCUN
23	2517	343	48	50	97	19	38	27.146	-3.462	26.924	1.538	1.650	25.857	0.000	0.000	7.505	1055850.368	1079002.478	1604.911	BVIA
23	2518	336	20	39	97	22	47	27.485	-3.530	27.257	1.538	1.650	24.967	0.000	0.000	10.937	1055849.477	1078999.046	1604.843	BVIA
23	2519	335	11	6	97	29	29	27.558	-3.593	27.323	1.538	1.650	24.800	0.000	0.000	11.467	1055849.310	1078998.516	1604.780	FCUN
23	2520	334	43	45	97	5	36	27.558	-3.403	27.347	1.538	1.650	24.730	0.000	0.000	11.674	1055849.241	1078998.308	1604.970	HCUN
23	2521	333	16	42	97	7	30	27.552	-3.415	27.340	1.538	1.650	24.420	0.000	0.000	12.293	1055848.930	1078997.689	1604.958	CRK
23	2522	332	1	7	97	5	33	27.655	-3.415	27.443	1.538	1.650	24.235	0.000	0.000	12.876	1055848.746	1078997.107	1604.958	TOP
23	2523	331	26	6	96	56	29	21.090	-2.542	20.876	1.538	1.650	18.335	0.000	0.000	9.982	1055842.845	1079000.001	1605.832	CRK
23	2524	332	39	59	96	50	34	21.282	-2.586	21.130	1.538	1.650	18.771	0.000	0.000	9.702	1055843.282	1079000.280	1605.837	HCUN
23	2525	333	5	9	97	24	48	21.010	-2.711	20.834	1.538	1.650	18.578	0.000	0.000	9.431	1055843.088	1079000.552	1605.662	FCUN
23	2526	334	28	3	97	22	24	20.980	-2.693	20.807	1.538	1.650	18.775	0.000	0.000	8.968	1055843.285	1079001.015	1605.681	PHUELLA
23	2527	344	28	6	97	22	50	20.515	-2.635	20.345	1.538	1.650	19.602	0.000	0.000	5.448	1055844.113	1079004.535	1605.738	PHUELLA
23	2528	345	55	9	97	31	56	20.676	-2.710	20.498	1.538	1.650	19.882	0.000	0.000	4.987	1055844.392	1079004.996	1605.683	FCUN
23	2529	346	25	49	96	53	30	21.118	-2.534	20.965	1.538	1.650	20.380	0.000	0.000	4.919	1055844.891	1079005.064	1605.839	HCUN
23	2530	347	59	3	96	49	58	21.572	-2.567	21.419	1.538	0.050	20.950	0.000	0.000	4.459	1055845.460	1079005.524	1607.407	CRK
23	2531	359	17	3	92	20	17	13.173	-0.537	13.162	1.538	0.050	13.161	0.000	0.000	0.164	1055837.671	1079009.818	1609.436	CRK
23	2532	355	43	16	92	25	15	13.149	-0.555	13.131	1.538	1.650	13.095	0.000	0.000	0.978	1055837.605	1079009.004	1607.818	TOP
23	2533	350	38	56	98	50	15	13.150	-2.020	12.994	1.538	1.650	12.621	0.000	0.000	2.111	1055837.332	1079007.871	1606.353	TOP
23	2534	347	31	10	97	37	8	12.907	-1.711	12.793	1.538	1.650	12.491	0.000	0.000	2.705	1055837.001	1079007.218	1606.662	BVIA
23	2535	338	55	19	97	7	26	12.702	-1.575	12.604	1.538	1.650	11.761	0.000	0.000	4.533	1055836.271	1079005.450	1606.798	EJE
23	2536	330	46	50	96	53	14	12.716	-1.525	12.624	1.538	1.650	11.018	0.000	0.000	6.163	1055835.528	1079003.820	1606.848	BVIA
23	2537	327	59	22	96	22	32	12.780	-1.419	12.701	1.538	1.650	10.770	0.000	0.000	6.732	1055835.280	1079003.250	1606.954	CRK
23	2538	324	45	56	96	30	46	12.838	-1.463	12.815	1.538	1.650	10.467	0.000	0.000	7.393	1055834.978	1079002.590	1606.910	TOP
23	2539	316	16	5	99	21	13	6.205	-1.008	6.122	1.538	1.650	4.424	0.000	0.000	4.232	1055828.934	1079005.750	1607.365	TOP
23	2540	323	14	34	94	50	48	6.107	-0.516	6.085	1.538	1.650	4.875	0.000	0.000	3.641	1055829.386	1079006.341	1607.857	CRK
23	2541	328	25	51	96	19	43	6.088	-0.671	6.051	1.538	1.650	5.155	0.000	0.000	3.168	1055829.666	1079006.815	1607.702	BVIA

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23	2542	346	37	35	96	22	55	6.200	-0.689	6.162	1.538	1.650	5.995	0.000	0.000	1.425	1055830.505	1079008.558	1607.684	EJE
23	2543	0	4	56	96	10	37	6.760	-0.727	6.721	1.538	1.650	6.721	0.000	0.010	0.000	1055831.231	1079009.992	1607.646	BVIA
23	2544	6	10	13	98	32	8	7.269	-1.079	7.188	1.538	1.650	7.147	0.000	0.773	0.000	1055831.657	1079010.755	1607.296	TOP
23	2545	9	34	33	92	23	34	7.540	-0.315	7.533	1.538	1.650	7.429	0.000	1.253	0.000	1055831.939	1079011.255	1608.058	TOP
23	2546	15	32	52	85	21	31	8.385	0.678	8.357	1.538	1.650	8.052	0.000	2.240	0.000	1055832.562	1079012.223	1609.052	CRK
23	2547	20	13	18	83	14	9	8.801	1.037	8.740	1.538	1.650	8.201	0.000	3.021	0.000	1055832.712	1079013.004	1609.410	TOP
23	2548	63	21	16	82	29	22	6.227	0.814	6.174	1.538	0.050	2.769	0.000	5.518	0.000	1055827.279	1079015.501	1610.787	CRK
23	2549	67	29	12	84	48	51	5.083	0.455	5.012	1.538	1.650	1.919	0.000	4.630	0.000	1055826.430	1079014.613	1608.828	TOP
23	2550	68	5	4	93	5	8	4.572	-0.246	4.565	1.538	1.650	1.704	0.000	4.235	0.000	1055826.214	1079014.218	1608.127	TOP
23	2551	70	40	3	87	29	16	3.623	0.159	3.620	1.538	1.650	1.198	0.000	3.415	0.000	1055825.709	1079013.398	1608.532	BVIA
23	2552	86	47	56	83	6	38	2.230	0.267	2.214	1.538	1.650	0.124	0.000	2.210	0.000	1055824.634	1079012.193	1608.641	EJE
23	2553	144	44	39	77	51	48	1.523	0.320	1.489	1.538	1.650	0.000	1.216	0.859	0.000	1055823.295	1079010.842	1608.693	BVIA
23	2554	167	24	17	74	59	27	1.779	0.461	1.710	1.538	1.650	0.000	1.677	0.375	0.000	1055822.834	1079010.357	1608.834	CRK
23	2555	183	55	51	97	15	39	2.079	-0.262	2.056	1.538	1.650	0.000	2.052	0.000	0.141	1055822.459	1079009.842	1608.111	TOP
23	2556	153	43	8	84	6	15	8.504	0.873	8.459	1.538	1.650	0.000	7.585	3.745	0.000	1055816.926	1079013.728	1609.247	TOP
23	2557	148	42	4	80	17	27	8.413	1.419	8.292	1.538	1.650	0.000	7.160	4.184	0.000	1055817.351	1079014.166	1609.792	CRK
23	2558	146	8	26	81	7	22	8.460	1.305	8.359	1.538	1.650	0.000	6.941	4.657	0.000	1055817.569	1079014.640	1609.679	BVIA
23	2559	131	16	33	81	14	0	8.597	1.335	8.505	1.538	1.650	0.000	5.670	6.460	0.000	1055818.840	1079016.443	1609.699	EJE
23	2560	120	41	56	82	12	42	9.217	1.249	9.132	1.538	1.650	0.000	4.643	7.852	0.000	1055819.848	1079017.835	1609.622	BVIA
23	2561	115	46	41	84	3	37	9.578	0.992	9.527	1.538	1.650	0.000	4.143	8.578	0.000	1055820.367	1079018.561	1609.365	TOP
23	2562	112	53	47	81	16	33	9.877	1.498	9.763	1.538	1.650	0.000	3.798	8.994	0.000	1055820.712	1079018.976	1609.871	TOP
23	2563	108	17	16	78	41	3	10.858	2.130	10.647	1.538	0.050	0.000	3.342	10.109	0.000	1055821.169	1079020.092	1612.104	CRK
23	2564	121	38	37	78	47	24	16.318	3.172	16.007	1.538	0.050	0.000	8.398	13.627	0.000	1055816.113	1079023.610	1613.145	CRK
23	2565	123	11	18	78	44	53	16.302	3.181	15.989	1.538	1.650	0.000	8.752	13.380	0.000	1055815.758	1079023.363	1611.554	TOP
23	2566	125	54	3	82	25	56	16.004	2.908	15.865	1.538	1.650	0.000	9.303	12.851	0.000	1055815.208	1079022.834	1610.481	TOP
23	2567	129	27	55	81	23	35	15.750	2.357	15.673	1.538	1.650	0.000	9.898	12.022	0.000	1055814.612	1079022.005	1610.730	BVIA
23	2568	136	53	38	81	13	2	15.455	2.360	15.274	1.538	1.650	0.000	11.151	10.437	0.000	1055813.359	1079020.420	1610.733	EJE
23	2569	144	32	37	81	6	48	15.571	2.405	15.384	1.538	1.650	0.000	12.531	8.924	0.000	1055813.979	1079018.907	1610.779	BVIA
23	2570	146	26	3	80	26	22	15.588	2.589	15.372	1.538	1.650	0.000	12.808	8.499	0.000	1055811.702	1079018.482	1610.962	CRK
23	2571	149	41	47	82	4	54	15.702	2.163	15.552	1.538	1.650	0.000	13.427	7.847	0.000	1055811.083	1079017.830	1610.536	TOP
23	2572	146	37	12	82	9	35	24.003	3.274	23.779	1.538	1.650	0.000	19.856	13.083	0.000	1055804.654	1079023.065	1611.647	TOP
23	2573	144	19	25	80	36	53	23.863	3.891	23.644	1.538	1.650	0.000	19.125	13.731	0.000	1055805.385	1079023.714	1612.264	CRK
23	2574	142	34	40	81	9	15	23.657	3.638	23.376	1.538	1.650	0.000	18.564	14.205	0.000	1055805.946	1079024.188	1612.011	BVIA
23	2575	137	40	10	81	10	43	23.401	3.589	23.124	1.538	1.650	0.000	17.095	15.572	0.000	1055807.415	1079025.555	1611.962	EJE
23	2576	132	43	12	81	21	31	23.374	3.512	23.109	1.538	1.650	0.000	15.679	16.976	0.000	1055808.831	1079026.959	1611.885	BVIA
23	2577	129	45	43	80	15	35	23.565	3.987	23.225	1.538	1.650	0.000	14.855	17.854	0.000	1055809.656	1079027.836	1612.360	TOP
23	2578	124	55	3	75	12	30	23.198	5.922	22.429	1.538	1.650	0.000	12.839	18.391	0.000	1055813.672	1079028.374	1614.296	CRK
24	23	312	54	17	98	32	39	47.101	-6.998	46.578	1.522	1.650	31.709	0.000	0.000	34.118	1055824.510	1079009.983	1608.485	DTA
24	25	91	34	44	80	53	39	38.840	6.147	38.351	1.522	1.650	0.000	1.057	38.336	0.000	1055791.704	1079082.437	1621.630	DTA
24	2579	320	26	10	94	55	12	17.324	-1.486	17.260	1.522	0.050	13.306	0.000	0.000	10.994	1055806.107	1079033.107	1615.597	CRK

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24	2580	316	51	28	99	53	49	17.454	-3.000	17.194	1.522	1.650	12.548	0.000	0.000	11.758	1055805.347	1079032.343	1612.483	TOP
24	2581	313	18	28	98	27	51	17.164	-2.526	16.977	1.522	1.650	11.645	0.000	0.000	12.354	1055804.446	1079031.747	1612.957	BVIA
24	2582	307	24	29	98	16	40	17.082	-2.459	16.904	1.522	1.650	10.269	0.000	0.000	13.427	1055803.070	1079030.673	1613.024	EJE
24	2583	301	11	58	97	54	20	17.141	-2.358	16.978	1.522	1.650	8.795	0.000	0.000	14.523	1055801.596	1079029.578	1613.126	BVIA
24	2584	298	28	17	97	1	8	17.337	-2.119	17.207	1.522	1.650	8.203	0.000	0.000	15.126	1055801.004	1079028.975	1613.365	CRK
24	2585	295	47	11	98	54	24	17.836	-2.761	17.621	1.522	1.650	7.665	0.000	0.000	15.866	1055800.467	1079028.234	1612.722	TOP
24	2586	289	20	56	99	59	21	11.565	-2.006	11.390	1.522	1.650	1.774	0.000	0.000	10.746	1055796.575	1079033.354	1613.477	TOP
24	2587	294	12	47	96	7	19	11.266	-1.203	11.202	1.522	1.650	4.594	0.000	0.000	10.218	1055797.395	1079033.884	1614.282	CRK
24	2588	297	42	59	97	58	57	11.226	-1.494	11.126	1.522	1.650	5.175	0.000	0.000	9.849	1055797.976	1079034.251	1613.989	BVIA
24	2589	307	7	40	97	59	41	11.304	-1.572	11.194	1.522	1.650	6.757	0.000	0.000	8.925	1055799.558	1079035.176	1613.911	EJE
24	2590	317	48	51	97	51	28	11.766	-1.609	11.656	1.522	1.650	8.636	0.000	0.000	7.827	1055801.437	1079036.273	1613.875	BVIA
24	2591	320	30	0	99	34	31	12.112	-2.015	11.943	1.522	1.650	9.216	0.000	0.000	7.597	1055802.017	1079036.504	1613.468	TOP
24	2592	322	38	38	97	51	42	12.204	-1.669	12.089	1.522	1.650	9.610	0.000	0.000	7.335	1055802.411	1079036.765	1613.834	TOP
24	2593	335	6	11	91	26	35	12.908	-0.325	12.904	1.522	0.050	11.705	0.000	0.000	5.432	1055804.506	1079038.668	1616.758	CRK
24	2594	17	6	38	85	42	34	9.092	0.680	9.066	1.522	1.650	8.665	0.000	2.668	0.000	1055801.466	1079046.768	1616.363	CAMINO
24	2595	21	44	18	82	35	36	7.174	0.925	7.134	1.522	1.650	6.608	0.000	2.635	0.000	1055799.409	1079046.735	1616.408	CAMINO
24	2596	351	53	14	90	28	32	10.744	-0.089	10.744	1.522	1.650	10.636	0.000	0.000	1.516	1055803.437	1079042.584	1615.394	CAMINO
24	2597	342	25	24	93	51	3	8.767	-0.589	8.747	1.522	1.650	8.339	0.000	0.000	2.641	1055801.140	1079041.459	1614.894	CAMINO
24	2598	11	13	52	87	42	9	6.017	0.241	6.012	1.522	1.650	5.897	0.000	1.171	0.000	1055798.698	1079045.272	1615.724	CAMINO
24	2599	346	5	41	97	43	2	7.128	-0.957	7.063	1.522	1.650	6.856	0.000	0.000	1.697	1055799.657	1079042.403	1614.526	TOP
24	2600	339	3	51	96	16	22	6.218	-0.679	6.181	1.522	1.650	5.773	0.000	0.000	2.208	1055798.574	1079041.892	1614.804	BVIA
24	2601	322	26	28	96	53	53	4.984	-0.599	4.948	1.522	1.650	3.922	0.000	0.000	3.036	1055796.723	1079041.084	1614.885	EJE
24	2602	299	49	26	96	53	41	4.489	-0.539	4.457	1.522	1.650	2.216	0.000	0.000	3.866	1055795.017	1079040.234	1614.944	BVIA
24	2603	287	11	25	97	12	55	6.668	-0.837	6.615	1.522	1.650	1.955	0.000	0.000	6.320	1055794.756	1079037.781	1614.646	CRK
24	2604	282	0	34	101	56	50	7.216	-1.494	7.060	1.522	1.650	1.469	0.000	0.000	6.905	1055796.270	1079037.105	1613.989	TOP
24	2605	277	59	34	99	47	33	5.422	-0.922	5.343	1.522	1.650	0.743	0.000	0.000	5.291	1055793.544	1079038.809	1614.561	CAMINO
24	2606	280	40	31	101	6	43	2.612	-0.503	2.563	1.522	1.650	0.476	0.000	0.000	2.519	1055793.276	1079041.562	1614.980	CAMINO
24	2607	213	11	31	113	39	18	4.821	-1.857	4.449	1.522	1.650	0.000	3.723	0.000	2.436	1055789.078	1079041.665	1613.626	CAMINO
24	2608	182	13	0	117	58	22	2.776	-1.302	2.452	1.522	1.650	0.000	2.450	0.000	0.095	1055790.351	1079044.006	1614.181	CAMINO
24	2609	155	16	42	89	44	45	3.293	0.015	3.293	1.522	1.650	0.000	2.991	1.377	0.000	1055789.810	1079045.478	1615.498	ENTRD
24	2610	113	18	27	90	26	32	6.501	-0.060	6.501	1.522	1.650	0.000	2.572	5.970	0.000	1055790.229	1079050.071	1615.433	ENTRD
24	2611	74	45	5	80	29	55	2.253	0.372	2.222	1.522	1.650	0.584	0.000	2.144	0.000	1055793.585	1079046.244	1615.855	BVIA
24	2612	54	36	40	84	10	17	3.496	0.354	3.472	1.522	1.650	2.011	0.000	2.830	0.000	1055794.812	1079046.931	1615.838	EJE
24	2613	45	51	31	87	12	51	4.895	0.238	4.889	1.522	1.650	3.405	0.000	3.509	0.000	1055796.206	1079047.609	1615.721	BVIA
24	2614	44	13	39	91	35	54	5.485	-0.153	5.483	1.522	1.650	3.929	0.000	3.824	0.000	1055796.730	1079047.925	1615.330	TOP
24	2615	47	10	18	87	31	45	7.077	2.705	6.540	1.522	1.650	4.446	0.000	4.796	0.000	1055797.247	1079048.897	1618.188	TOP
24	2616	70	55	22	70	16	25	11.209	3.781	10.546	1.522	1.650	3.447	0.000	9.966	0.000	1055796.248	1079054.067	1619.264	TOP
24	2617	75	19	55	70	35	24	14.752	4.902	13.914	1.522	1.650	3.523	0.000	13.460	0.000	1055796.324	1079057.561	1620.386	TOP
24	2618	79	31	37	70	56	35	20.212	6.599	19.104	1.522	1.650	3.527	0.000	18.776	0.000	1055796.328	1079062.876	1622.082	TOP
24	2619	79	31	54	70	52	14	25.157	8.244	23.768	1.522	1.650	4.318	0.000	23.372	0.000	1055797.119	1079067.473	1623.727	TOP

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25	2658	62	29	48	78	13	22	1.634	0.334	1.600	1.545	1.650	0.739	0.000	1.419	0.000	1055792.483	1079083.855	1621.858	BVIA
25	2659	85	59	27	89	56	48	2.051	0.002	2.051	1.545	1.650	0.143	0.000	2.046	0.000	1055791.888	1079084.482	1621.527	CRK
25	2660	104	11	41	109	58	59	2.194	-0.750	2.062	1.545	1.650	0.000	0.506	1.999	0.000	1055791.239	1079084.436	1620.775	TOP
25	2661	74	45	29	84	30	31	8.891	0.851	8.850	1.545	1.650	2.327	0.000	8.539	0.000	1055794.071	1079090.975	1622.376	TOP
25	2662	69	27	41	79	47	28	8.619	1.528	8.483	1.545	1.650	2.576	0.000	7.943	0.000	1055794.720	1079090.380	1623.052	CRK
25	2663	65	6	43	80	16	36	8.499	1.435	8.377	1.545	1.650	3.525	0.000	7.599	0.000	1055795.270	1079090.035	1622.960	BVIA
25	2664	53	3	12	80	35	12	8.761	1.433	8.643	1.545	1.650	5.195	0.000	6.907	0.000	1055796.939	1079089.344	1622.958	EJE
25	2665	44	10	23	81	18	45	9.249	1.397	9.143	1.545	1.650	6.520	0.000	6.409	0.000	1055798.265	1079088.846	1622.922	BVIA
25	2666	40	31	44	83	13	10	9.537	1.126	9.470	1.545	1.650	7.198	0.000	6.154	0.000	1055798.943	1079088.591	1622.651	TOP
25	2667	38	4	2	82	45	17	9.761	1.231	9.683	1.545	1.650	7.623	0.000	5.970	0.000	1055799.368	1079088.407	1622.756	TOP
25	2668	34	33	42	78	32	40	10.112	2.008	9.911	1.545	0.050	8.162	0.000	5.622	0.000	1055799.906	1079088.059	1625.133	TOP
25	2669	45	28	42	78	44	57	16.341	3.188	16.027	1.545	0.050	11.238	0.000	11.427	0.000	1055802.982	1079093.864	1626.313	TOP
25	2670	47	12	35	81	2	20	16.481	2.567	16.280	1.545	1.650	11.059	0.000	11.947	0.000	1055802.804	1079094.383	1624.092	TOP
25	2671	48	37	9	81	21	44	16.393	2.462	16.207	1.545	1.650	10.714	0.000	12.161	0.000	1055802.458	1079094.597	1623.987	TOP
25	2672	50	54	37	80	35	42	16.385	2.678	16.165	1.545	1.650	10.192	0.000	12.546	0.000	1055801.937	1079094.983	1624.202	BVIA
25	2673	57	1	1	80	2	31	16.350	2.827	16.104	1.545	1.650	8.767	0.000	13.508	0.000	1055800.511	1079095.945	1624.352	EJE
25	2674	62	55	25	79	57	40	16.611	2.919	16.352	1.545	1.650	7.441	0.000	14.560	0.000	1055799.188	1079096.997	1624.444	BVIA
25	2675	65	9	17	79	39	24	16.814	3.019	16.541	1.545	1.650	6.950	0.000	15.010	0.000	1055798.694	1079097.446	1624.544	CRK
25	2676	63	0	47	79	19	54	23.008	4.259	22.610	1.545	1.650	10.260	0.000	20.148	0.000	1055802.005	1079102.585	1625.784	CRK
25	2677	61	20	29	79	46	56	23.009	4.082	22.644	1.545	1.650	10.860	0.000	19.870	0.000	1055802.604	1079102.307	1625.606	BVIA
25	2678	56	12	39	79	54	44	22.961	4.022	22.606	1.545	1.650	12.572	0.000	18.788	0.000	1055804.316	1079101.224	1625.546	EJE
25	2679	52	15	50	80	9	20	23.105	3.950	22.785	1.545	1.650	13.933	0.000	18.003	0.000	1055805.677	1079100.440	1625.475	BVIA
25	2680	50	29	19	80	47	23	23.199	3.713	22.900	1.545	1.650	14.570	0.000	17.667	0.000	1055806.314	1079100.104	1625.238	TOP
25	2681	48	10	33	76	23	47	23.565	5.543	22.904	1.545	1.000	15.273	0.000	17.068	0.000	1055807.018	1079099.504	1627.717	TOP
26	25	233	11	49	99	18	44	44.852	-7.258	44.761	1.534	1.650	0.000	26.515	0.000	35.439	1055791.744	1079082.437	1621.630	DTA
26	27	72	58	37	82	56	41	78.001	9.581	77.410	1.534	1.650	22.662	0.000	74.019	0.000	1055840.922	1079191.895	1638.468	DTA
26	2682	243	34	46	90	14	32	14.463	-0.061	14.463	1.534	1.650	0.000	6.435	0.000	12.952	1055811.824	1079104.924	1628.826	TOP
26	2683	239	26	23	95	8	34	14.326	-1.284	14.268	1.534	1.650	0.000	7.255	0.000	12.286	1055811.005	1079105.590	1627.603	TOP
26	2684	237	32	27	99	3	19	14.618	-2.301	14.436	1.534	1.650	0.000	7.748	0.000	12.181	1055810.512	1079105.695	1626.587	TOP
26	2685	236	38	10	99	25	31	14.568	-2.186	14.371	1.534	1.650	0.000	7.904	0.000	12.003	1055810.356	1079105.873	1626.502	TOP
26	2686	234	7	16	98	21	27	14.487	-2.106	14.333	1.534	1.650	0.000	8.400	0.000	11.614	1055809.859	1079106.262	1626.782	BVIA
26	2687	227	37	1	98	13	45	14.594	-2.089	14.444	1.534	1.650	0.000	9.736	0.000	10.669	1055808.523	1079107.207	1626.798	EJE
26	2688	220	56	52	97	57	22	15.027	-2.080	14.882	1.534	1.650	0.000	11.241	0.000	9.753	1055807.019	1079108.122	1626.808	BVIA
26	2689	217	21	22	97	37	42	15.335	-2.036	15.199	1.534	1.650	0.000	12.082	0.000	9.223	1055806.178	1079108.653	1626.852	CRK
26	2690	215	3	33	99	44	1	15.622	-2.641	15.397	1.534	1.650	0.000	12.606	0.000	8.841	1055805.653	1079109.035	1626.248	TOP
26	2691	219	47	34	99	19	19	21.668	-1.510	21.382	1.534	1.650	0.000	16.429	0.000	13.685	1055801.830	1079104.191	1625.378	TOP
26	2692	199	42	1	97	30	25	9.318	-1.217	9.238	1.534	2.850	0.000	8.697	0.000	3.114	1055809.562	1079114.762	1626.470	TOP
26	2693	205	8	10	94	8	45	8.927	-0.645	8.904	1.534	1.650	0.000	8.060	0.000	3.782	1055810.199	1079114.094	1628.242	CRK
26	2694	172	33	2	101	28	50	6.043	-1.203	5.922	1.534	1.650	0.000	5.872	0.768	0.000	1055812.387	1079118.644	1627.685	TOP
26	2695	173	49	26	93	11	46	5.185	-0.289	5.177	1.534	1.650	0.000	5.147	0.557	0.000	1055813.112	1079118.433	1628.598	CRK

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26	2696	176	27	25	92	21	7	4.547	-0.187	4.543	1.534	1.650	0.000	4.535	0.281	0.000	1055813.725	1079118.157	1628.701	BVIA
26	2697	191	24	51	91	55	47	2.708	-0.091	2.706	1.534	1.650	0.000	2.653	0.000	0.536	1055815.606	1079117.340	1628.798	EJE
26	2698	231	57	45	93	51	27	1.852	-0.125	1.848	1.534	1.650	0.000	1.339	0.000	1.455	1055817.121	1079116.421	1628.763	BVIA
26	2699	251	53	45	101	14	55	1.947	-0.380	1.910	1.534	1.650	0.000	0.593	0.000	1.815	1055817.666	1079116.061	1628.508	TOP
26	2700	262	44	10	96	52	33	2.079	-0.249	2.064	1.534	1.650	0.000	0.261	0.000	2.047	1055817.998	1079115.828	1628.639	TOP
26	2701	285	51	58	82	59	18	2.474	0.302	2.455	1.534	0.050	0.671	0.000	0.000	2.362	1055818.931	1079115.514	1630.790	TOP
26	2702	43	35	54	77	58	38	4.550	0.948	4.410	1.534	0.050	3.229	0.000	3.069	0.000	1055821.482	1079120.945	1631.435	TOP
26	2703	54	23	58	81	41	31	4.259	0.615	4.214	1.534	1.650	2.453	0.000	3.427	0.000	1055820.713	1079121.303	1629.503	TOP
26	2704	57	52	46	82	36	41	4.172	0.536	4.137	1.534	1.650	2.200	0.000	3.504	0.000	1055820.459	1079121.380	1629.424	TOP
26	2705	69	16	14	79	16	22	4.240	0.789	4.166	1.534	1.650	1.475	0.000	3.896	0.000	1055819.734	1079121.772	1629.877	BVIA
26	2706	90	58	39	80	26	0	4.866	0.809	4.798	1.534	1.650	0.000	0.082	4.798	0.000	1055818.178	1079122.674	1629.696	EJE
26	2707	107	32	8	82	38	54	6.134	0.785	6.084	1.534	1.650	0.000	1.833	5.801	0.000	1055816.426	1079123.677	1629.672	BVIA
26	2708	113	16	14	83	9	34	6.731	0.802	6.683	1.534	1.650	0.000	2.424	6.228	0.000	1055815.835	1079124.304	1629.689	CRK
26	2709	113	11	44	87	50	2	7.366	0.278	7.361	1.534	1.650	0.000	2.899	6.766	0.000	1055815.360	1079124.642	1629.166	CRK
26	2710	94	52	29	83	17	56	12.765	1.489	12.678	1.534	1.650	0.000	1.077	12.632	0.000	1055817.182	1079130.508	1630.377	TOP
26	2711	91	24	29	80	3	17	12.569	2.171	12.380	1.534	1.650	0.000	0.304	12.376	0.000	1055817.956	1079130.252	1631.058	CRK
26	2712	88	22	29	81	13	48	12.406	1.891	12.261	1.534	1.650	0.348	0.000	12.256	0.000	1055818.607	1079130.132	1630.779	BVIA
26	2713	78	16	22	81	6	6	12.185	1.885	12.036	1.534	1.650	2.447	0.000	11.787	0.000	1055820.706	1079129.663	1630.772	EJE
26	2714	70	30	52	81	10	48	12.290	1.884	12.145	1.534	1.650	4.051	0.000	11.449	0.000	1055822.310	1079129.325	1630.772	BVIA
26	2715	67	26	55	82	2	11	12.435	1.723	12.315	1.534	1.650	4.723	0.000	11.374	0.000	1055822.982	1079129.249	1630.610	TOP
26	2716	65	38	22	82	2	44	12.441	1.722	12.321	1.534	1.650	5.082	0.000	11.224	0.000	1055823.342	1079129.100	1630.609	TOP
26	2717	64	0	32	74	48	21	13.004	3.408	12.549	1.534	1.650	5.500	0.000	11.280	0.000	1055823.759	1079129.156	1632.296	TOP
26	2718	67	49	55	77	39	26	19.790	4.230	19.333	1.534	1.650	7.295	0.000	17.904	0.000	1055825.554	1079135.780	1633.118	TOP
26	2719	69	25	52	82	23	12	19.400	2.570	19.229	1.534	1.650	6.756	0.000	18.003	0.000	1055825.015	1079135.879	1631.458	TOP
26	2720	70	32	29	82	23	15	19.419	2.572	19.248	1.534	1.650	6.612	0.000	18.149	0.000	1055824.671	1079136.024	1631.460	TOP
26	2721	72	36	12	81	47	13	19.377	2.768	19.178	1.534	1.650	5.734	0.000	18.301	0.000	1055823.993	1079136.177	1631.656	BVIA
26	2722	78	9	7	81	42	14	19.452	2.867	19.248	1.534	1.650	3.952	0.000	18.838	0.000	1055822.213	1079136.714	1631.694	EJE
26	2723	82	47	58	81	42	5	19.632	2.833	19.426	1.534	1.650	2.435	0.000	19.273	0.000	1055820.694	1079137.149	1631.721	BVIA
26	2724	84	45	37	81	10	51	19.813	3.038	19.579	1.534	1.650	1.788	0.000	19.497	0.000	1055820.047	1079137.373	1631.925	CRK
26	2725	86	42	59	82	13	25	19.717	2.668	19.536	1.534	1.650	1.119	0.000	19.504	0.000	1055819.378	1079137.380	1631.555	TOP
26	2726	84	26	41	83	50	11	27.318	2.930	27.158	1.534	1.650	2.629	0.000	27.031	0.000	1055820.888	1079144.907	1631.818	TOP
26	2727	82	15	52	81	48	55	27.178	3.869	26.901	1.534	1.650	3.621	0.000	26.656	0.000	1055821.880	1079144.532	1632.757	CRK
26	2728	80	23	55	81	59	50	27.072	3.769	26.808	1.534	1.650	4.471	0.000	26.433	0.000	1055822.731	1079144.309	1632.657	BVIA
26	2729	76	21	44	81	54	36	27.014	3.802	26.745	1.534	1.650	6.306	0.000	25.991	0.000	1055824.565	1079143.867	1632.689	EJE
26	2730	73	51	38	82	6	29	27.030	3.711	26.774	1.534	1.650	7.449	0.000	25.719	0.000	1055825.702	1079143.595	1632.599	BVIA
26	2731	72	46	30	82	17	37	27.165	3.643	26.920	1.534	1.650	7.971	0.000	25.712	0.000	1055826.231	1079143.588	1632.530	TOP
26	2732	72	14	25	81	58	51	27.256	3.802	26.990	1.534	1.650	8.233	0.000	25.703	0.000	1055826.492	1079143.579	1632.690	TOP
26	2733	69	21	48	78	35	51	27.329	5.403	26.790	1.534	1.650	9.442	0.000	25.071	0.000	1055827.701	1079142.947	1634.290	TOP
26	2734	71	23	52	79	15	39	34.357	6.402	33.755	1.534	1.650	10.768	0.000	31.992	0.000	1055829.027	1079149.868	1635.290	TOP
26	2735	72	1	52	81	43	4	34.131	4.914	33.755	1.534	1.650	10.414	0.000	32.109	0.000	1055828.673	1079149.985	1633.801	TOP

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26	2736	72	26	20	82	15	0	34.075	4.595	33.764	1.534	1.650	10.187	0.000	32.190	0.000	1055828.447	1079150.066	1633.482	TOP
26	2737	73	30	50	81	59	56	34.155	4.754	33.823	1.534	1.650	9.598	0.000	32.432	0.000	1055827.857	1079150.308	1633.642	BVIA
26	2738	76	23	11	81	56	48	34.190	4.790	33.853	1.534	1.650	7.987	0.000	32.897	0.000	1055826.247	1079150.773	1633.677	EJE
26	2739	79	12	38	81	55	51	34.372	4.825	34.032	1.534	1.650	6.371	0.000	33.430	0.000	1055824.630	1079151.306	1633.712	BVIA
26	2740	80	30	58	82	10	24	34.391	4.683	34.071	1.534	1.650	5.614	0.000	33.605	0.000	1055823.873	1079151.481	1633.571	CRK
26	2741	80	13	10	82	1	14	35.042	4.864	34.703	1.534	1.650	5.895	0.000	34.198	0.000	1055824.155	1079152.074	1633.752	ENTRD
26	2742	79	5	48	82	41	6	39.044	4.972	38.726	1.534	1.650	7.325	0.000	38.027	0.000	1055825.584	1079155.903	1633.859	ENTRD
26	2743	78	40	47	81	59	54	39.338	5.476	38.955	1.534	1.650	7.647	0.000	38.197	0.000	1055825.906	1079156.073	1634.363	BVIA
26	2744	78	52	52	81	47	11	42.203	6.029	41.770	1.534	1.650	8.055	0.000	40.986	0.000	1055826.315	1079158.862	1634.917	CRK
26	2745	77	36	57	81	58	50	42.061	5.868	41.650	1.534	1.650	8.932	0.000	40.681	0.000	1055827.192	1079158.557	1634.755	BVIA
26	2746	75	11	3	81	58	27	41.938	5.855	41.527	1.534	1.650	10.619	0.000	40.147	0.000	1055828.878	1079158.023	1634.743	EJE
26	2747	73	20	13	81	59	20	42.057	5.861	41.647	1.534	1.650	11.942	0.000	39.896	0.000	1055830.201	1079157.774	1634.749	BVIA
26	2748	72	26	4	82	13	37	42.151	5.701	41.764	1.534	1.650	12.504	0.000	39.816	0.000	1055830.863	1079157.692	1634.588	TOP
26	2749	72	9	48	82	9	3	42.216	5.765	41.821	1.534	1.650	12.810	0.000	39.810	0.000	1055831.069	1079157.686	1634.653	TOP
27	26	252	58	36	96	53	33	77.974	-9.358	77.410	1.543	1.650	0.000	22.662	0.000	74.019	1055818.259	1079117.876	1629.004	DTA
27	28	113	15	17	82	24	44	51.566	6.809	51.116	1.543	1.650	0.000	20.181	46.962	0.000	1055820.741	1079238.857	1645.170	DTA
27	2750	254	50	23	94	24	13	28.322	-2.375	28.256	1.543	0.050	0.000	7.385	0.000	27.256	1055833.537	1079164.639	1637.786	TOP
27	2751	253	45	34	95	37	13	28.350	-2.776	28.214	1.543	1.650	0.000	7.890	0.000	27.088	1055833.031	1079164.807	1635.585	TOP
27	2752	253	20	11	95	41	48	28.335	-2.813	28.195	1.543	1.650	0.000	8.085	0.000	27.011	1055832.837	1079164.884	1635.549	TOP
27	2753	252	25	54	95	30	23	28.375	-2.723	28.244	1.543	1.650	0.000	8.525	0.000	26.927	1055832.397	1079164.968	1635.638	BVIA
27	2754	248	51	51	95	15	44	28.470	-2.611	28.350	1.543	1.650	0.000	10.222	0.000	26.443	1055830.699	1079165.452	1635.750	EJE
27	2755	245	6	45	95	2	25	28.663	-2.518	28.552	1.543	1.650	0.000	12.016	0.000	25.901	1055828.906	1079165.994	1635.843	BVIA
27	2756	244	2	36	94	45	22	29.025	-2.407	28.925	1.543	1.650	0.000	12.660	0.000	26.007	1055828.262	1079165.887	1635.955	CRK
27	2757	242	42	7	95	42	7	29.286	-2.930	29.141	1.543	1.650	0.000	13.365	0.000	25.896	1055827.557	1079165.999	1635.451	TOP
27	2758	238	51	15	95	21	23	22.518	-2.002	22.420	1.543	1.650	0.000	11.596	0.000	19.188	1055829.326	1079172.707	1636.259	TOP
27	2759	240	16	56	94	29	56	22.210	-1.742	22.142	1.543	1.650	0.000	10.976	0.000	19.229	1055829.946	1079172.665	1636.619	CRK
27	2760	242	47	39	94	25	49	22.175	-1.713	22.109	1.543	1.650	0.000	10.108	0.000	19.665	1055830.814	1079172.232	1636.648	BVIA
27	2761	248	16	5	94	39	42	21.844	-1.735	21.772	1.543	1.650	0.000	8.061	0.000	20.224	1055832.860	1079171.670	1636.586	EJE
27	2762	252	1	38	94	46	21	21.842	-1.817	21.786	1.543	1.650	0.000	6.716	0.000	20.704	1055834.205	1079171.191	1636.544	BVIA
27	2763	253	22	56	95	18	54	21.917	-2.030	21.823	1.543	1.650	0.000	6.241	0.000	20.931	1055834.681	1079170.983	1636.331	TOP
27	2764	254	0	56	95	11	23	21.927	-1.983	21.837	1.543	1.650	0.000	6.013	0.000	20.993	1055834.908	1079170.902	1636.378	TOP
27	2765	255	29	10	93	33	21	21.238	-1.817	21.197	1.543	0.050	0.000	5.512	0.000	20.521	1055835.610	1079171.374	1638.644	TOP
27	2766	240	32	21	94	0	36	20.186	-1.412	20.137	1.543	0.050	0.000	9.904	0.000	17.533	1055831.018	1079174.362	1638.549	PGAS
27	2767	240	33	25	94	3	11	20.183	-1.427	20.132	1.543	1.650	0.000	9.896	0.000	17.532	1055831.026	1079174.362	1636.935	PGAS
27	2768	251	27	7	94	33	24	15.389	-1.223	15.340	1.543	1.650	0.000	9.560	0.000	11.997	1055831.362	1079179.897	1637.139	TOP
27	2769	234	22	43	93	23	22	15.062	-0.890	15.036	1.543	1.650	0.000	8.757	0.000	12.222	1055832.165	1079179.673	1637.471	CRK
27	2770	238	37	13	93	49	28	14.868	-0.992	14.835	1.543	1.650	0.000	7.725	0.000	12.665	1055833.197	1079179.230	1637.369	BVIA
27	2771	247	15	28	93	53	40	14.227	-0.966	14.196	1.543	1.650	0.000	5.487	0.000	13.091	1055835.435	1079178.804	1637.395	EJE
27	2772	253	14	25	94	1	28	14.242	-1.000	14.207	1.543	1.650	0.000	4.097	0.000	13.603	1055836.825	1079178.291	1637.362	BVIA
27	2773	255	20	30	94	22	6	14.237	-1.084	14.196	1.543	1.650	0.000	3.592	0.000	13.734	1055837.330	1079178.161	1637.277	TOP

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27	2774	256	24	27	94	18	6	14.266	-1.070	14.226	1.543	1.650	0.000	3.343	0.000	13.827	1055837.579	1079178.067	1637.291	TOP
27	2775	258	52	56	87	56	42	13.839	0.496	13.830	1.543	1.650	0.000	2.667	0.000	13.571	1055838.255	1079178.324	1638.857	TOP
27	2776	264	0	43	94	52	18	6.820	-0.579	6.795	1.543	1.650	0.000	0.709	0.000	6.758	1055840.213	1079185.137	1637.782	TOP
27	2777	262	5	32	94	56	27	6.770	-0.583	6.745	1.543	1.650	0.000	0.928	0.000	6.681	1055839.994	1079185.214	1637.778	TOP
27	2778	254	26	58	92	57	22	6.732	-0.347	6.723	1.543	1.650	0.000	1.802	0.000	6.477	1055839.119	1079185.418	1638.014	BVIA
27	2779	238	43	17	93	16	58	7.025	-0.402	7.013	1.543	1.650	0.000	3.641	0.000	5.994	1055837.280	1079185.901	1637.959	EJE
27	2780	223	55	8	93	32	16	7.981	-0.492	7.966	1.543	1.650	0.000	5.738	0.000	5.525	1055835.184	1079186.969	1637.869	BVIA
27	2781	218	21	43	94	27	54	8.764	-0.682	8.737	1.543	1.650	0.000	6.851	0.000	5.423	1055834.071	1079186.472	1637.679	CRK
27	2782	216	22	27	96	15	45	9.353	-1.020	9.297	1.543	1.650	0.000	7.486	0.000	5.514	1055833.436	1079186.381	1637.341	TOP
27	2783	161	21	40	94	15	36	5.810	-0.432	5.794	1.543	1.650	0.000	5.490	1.852	0.000	1055835.432	1079193.746	1637.930	TOP
27	2784	159	48	7	89	18	2	4.989	0.061	4.989	1.543	1.650	0.000	4.682	1.722	0.000	1055836.240	1079193.617	1638.422	CRK
27	2785	158	29	54	88	37	47	4.483	0.107	4.482	1.543	1.650	0.000	4.170	1.643	0.000	1055836.752	1079193.537	1638.468	BVIA
27	2786	141	29	25	84	34	3	2.570	0.243	2.558	1.543	1.650	0.000	2.002	1.593	0.000	1055838.920	1079193.488	1638.604	EJE
27	2787	102	58	55	78	13	5	1.767	0.361	1.730	1.543	1.650	0.000	0.387	1.686	0.000	1055840.535	1079193.581	1638.722	BVIA
27	2788	71	48	10	85	55	38	1.853	0.132	1.848	1.543	1.650	0.577	0.000	1.756	0.000	1055841.499	1079193.651	1638.493	TOP
27	2789	66	42	39	84	43	51	1.923	0.177	1.915	1.543	1.650	0.757	0.000	1.759	0.000	1055841.679	1079193.654	1638.538	TOP
27	2790	90	35	25	84	21	45	8.880	0.872	8.837	1.543	1.650	0.000	0.091	8.837	0.000	1055840.831	1079200.731	1639.233	TOP
27	2791	92	21	30	85	8	25	8.831	0.748	8.799	1.543	1.650	0.000	0.362	8.792	0.000	1055840.560	1079200.687	1639.109	TOP
27	2792	97	54	49	83	46	13	8.741	0.949	8.689	1.543	1.650	0.000	1.196	8.607	0.000	1055839.725	1079200.501	1639.310	BVIA
27	2793	108	26	56	84	21	16	8.613	0.847	8.571	1.543	1.650	0.000	2.712	8.131	0.000	1055838.209	1079200.025	1639.208	EJE
27	2794	121	18	55	85	12	13	8.951	0.748	8.920	1.543	1.650	0.000	4.636	7.620	0.000	1055836.286	1079199.515	1639.110	BVIA
27	2795	128	14	16	87	49	29	9.406	0.357	9.399	1.543	1.650	0.000	5.817	7.383	0.000	1055835.104	1079199.277	1638.718	CRK
27	2796	131	27	37	90	28	26	9.534	-0.065	9.534	1.543	1.650	0.000	6.312	7.145	0.000	1055834.609	1079199.039	1638.296	TOP
27	2797	84	44	16	77	40	32	9.266	1.978	9.052	1.543	1.650	0.830	0.000	9.014	0.000	1055841.752	1079200.909	1640.339	CRK
27	2798	81	38	14	77	0	23	9.548	2.147	9.304	1.543	1.650	1.353	0.000	9.205	0.000	1055842.275	1079201.099	1640.508	TOP
27	2799	39	31	54	63	17	25	3.232	1.444	2.869	1.543	1.650	2.213	0.000	1.826	0.000	1055843.135	1079193.721	1639.805	TOP
27	2800	47	9	42	64	35	6	2.564	1.100	2.316	1.543	1.650	1.575	0.000	1.698	0.000	1055842.495	1079193.593	1639.462	CRK
27	2801	277	50	33	75	29	48	5.889	1.475	5.701	1.543	1.650	0.778	0.000	0.000	5.648	1055841.700	1079186.247	1639.836	CRK
27	2802	283	4	19	74	27	20	6.178	1.656	5.952	1.543	1.650	1.346	0.000	0.000	5.798	1055842.268	1079186.097	1640.017	TOP
27	2803	96	46	57	80	40	43	15.330	2.483	15.128	1.543	1.650	0.000	1.787	15.022	0.000	1055839.135	1079206.916	1640.844	CRK
27	2804	98	35	26	81	34	32	15.212	2.229	15.048	1.543	1.650	0.000	2.248	14.879	0.000	1055838.674	1079206.774	1640.590	TOP
27	2805	99	20	35	84	43	58	15.037	1.380	14.974	1.543	1.650	0.000	2.431	14.775	0.000	1055838.491	1079206.670	1639.742	TOP
27	2806	100	18	47	85	2	23	14.890	1.287	14.834	1.543	1.650	0.000	2.656	14.595	0.000	1055838.266	1079206.489	1639.649	TOP
27	2807	103	38	5	84	8	27	14.701	1.501	14.624	1.543	1.650	0.000	3.447	14.212	0.000	1055837.474	1079206.107	1639.862	BVIA
27	2808	110	31	53	84	17	58	14.138	1.404	14.068	1.543	1.650	0.000	4.934	13.175	0.000	1055835.988	1079205.069	1639.765	EJE
27	2809	118	50	41	84	24	56	14.153	1.377	14.086	1.543	1.650	0.000	6.796	12.338	0.000	1055834.126	1079204.233	1639.738	BVIA
27	2810	123	10	44	84	25	20	14.194	1.380	14.127	1.543	1.650	0.000	7.731	11.824	0.000	1055833.191	1079203.718	1639.741	CRK
27	2811	126	22	5	83	52	53	14.231	1.517	14.150	1.543	2.850	0.000	8.191	11.394	0.000	1055832.531	1079203.289	1638.678	TOP
27	2812	125	40	20	83	47	0	19.731	2.137	19.615	1.543	2.850	0.000	13.438	15.934	0.000	1055829.483	1079207.829	1639.298	TOP
27	2813	122	50	18	84	14	54	19.445	1.937	19.348	1.543	1.650	0.000	10.492	16.256	0.000	1055830.430	1079208.151	1640.299	CRK

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POSICIONAMIENTO Y LEVANTAMIENTO TOPOGRAFICO

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28	2852	257	50	42	92	57	47	3.832	-0.198	3.827	1.503	1.650	0.000	0.806	0.000	3.741	1055839.935	1079235.115	1644.825	HCUN
28	2853	238	6	57	96	8	47	4.044	-0.433	4.021	1.503	1.650	0.000	2.124	0.000	3.414	1055838.617	1079235.442	1644.590	CRK
28	2854	71	19	58	74	12	8	1.038	0.283	0.999	1.503	1.650	0.320	0.000	0.946	0.000	1055821.060	1079239.803	1645.306	BVIA
28	2855	26	20	30	77	26	52	1.408	0.306	1.374	1.503	1.650	1.232	0.000	0.610	0.000	1055821.972	1079239.466	1645.329	BVIA
28	2856	346	20	53	90	41	2	6.652	-0.079	6.652	1.503	1.650	6.464	0.000	0.000	1.570	1055827.204	1079237.287	1644.944	BVIA
28	2857	345	26	52	91	9	18	7.206	-0.139	7.205	1.503	1.650	6.974	0.000	0.000	1.810	1055827.714	1079237.046	1644.884	FCUN
28	2858	344	49	11	89	38	30	7.422	0.046	7.422	1.503	1.650	7.163	0.000	0.000	1.943	1055827.903	1079236.913	1645.070	HCUN
28	2859	341	8	40	82	31	42	8.867	1.153	8.792	1.503	1.650	8.320	0.000	0.000	2.841	1055829.061	1079236.015	1646.176	TOP
28	2860	0	29	12	75	52	53	13.138	2.961	11.771	1.503	1.650	11.771	0.000	0.100	0.000	1055832.511	1079238.957	1647.984	TOP
28	2861	4	32	2	81	44	4	11.723	1.685	11.601	1.503	1.650	11.565	0.000	0.917	0.000	1055832.805	1079239.774	1646.708	HCUN
28	2862	5	31	29	82	46	16	11.717	1.474	11.624	1.503	1.650	11.570	0.000	1.119	0.000	1055832.310	1079239.976	1646.498	FCUN
28	2863	8	36	39	82	13	39	11.724	1.589	11.616	1.503	1.650	11.485	0.000	1.739	0.000	1055832.225	1079240.596	1646.612	BVIA
28	2864	35	58	35	80	40	11	12.260	1.588	12.098	1.503	1.650	9.790	0.000	7.107	0.000	1055830.531	1079245.963	1647.011	BVIA
28	2865	41	22	41	80	42	14	11.730	1.895	11.576	1.503	1.650	8.686	0.000	7.652	0.000	1055829.427	1079246.509	1646.918	BVIA
28	2866	46	47	33	80	8	18	6.175	1.068	6.084	1.503	1.650	4.165	0.000	4.434	0.000	1055824.906	1079243.291	1646.081	BVIA
28	2867	2	19	34	86	15	36	8.043	0.525	8.026	1.503	1.650	8.019	0.000	0.326	0.000	1055828.760	1079239.182	1645.548	BVIA
29	28	185	20	28	99	2	29	23.567	-3.704	23.274	1.532	1.650	0.000	23.173	0.000	2.166	1055820.741	1079238.857	1645.170	DTA
29	90	317	23	29	82	59	5	38.861	4.746	38.570	1.532	1.650	28.588	0.000	0.000	26.111	1055872.801	1079214.911	1653.620	DTA
29	2868	117	11	47	80	41	22	3.438	0.556	3.393	1.532	0.050	0.000	1.568	3.009	0.000	1055842.346	1079244.031	1651.030	TOP
29	2869	122	8	37	88	25	24	3.311	0.091	3.310	1.532	1.650	0.000	1.761	2.802	0.000	1055842.353	1079243.835	1648.965	TOP
29	2870	136	52	22	93	48	57	3.262	-0.217	3.255	1.532	1.650	0.000	2.375	2.225	0.000	1055841.538	1079243.248	1648.657	HCUN
29	2871	140	38	38	92	8	47	3.270	-0.407	3.245	1.532	1.650	0.000	2.509	2.057	0.000	1055841.405	1079243.080	1648.467	FCUN
29	2872	150	9	27	96	15	0	3.225	-0.353	3.206	1.532	1.650	0.000	2.781	1.595	0.000	1055841.133	1079242.618	1648.523	BVIA
29	2873	201	51	58	96	5	14	4.798	-0.509	4.771	1.532	1.650	0.000	4.428	0.000	1.777	1055839.486	1079239.246	1648.365	BVIA
29	2874	205	15	32	96	8	42	5.278	-0.565	5.248	1.532	1.650	0.000	4.746	0.000	2.239	1055839.168	1079238.783	1648.109	FCUN
29	2875	206	50	27	93	55	31	5.415	-0.371	5.402	1.532	1.650	0.000	4.820	0.000	2.418	1055839.093	1079238.583	1648.503	HCUN
29	2876	214	21	19	95	48	58	5.685	-0.576	5.656	1.532	0.050	0.000	4.669	0.000	3.192	1055839.245	1079237.831	1649.898	TOP
29	2877	297	39	53	78	24	15	10.623	2.133	10.406	1.532	1.650	4.832	0.000	0.000	9.217	1055848.745	1079231.806	1651.009	CRK
29	2878	300	54	41	81	9	6	10.409	1.601	10.285	1.532	1.650	5.284	0.000	0.000	8.824	1055849.197	1079232.198	1650.475	HCUN
29	2879	302	38	51	82	6	54	10.497	1.440	10.398	1.532	1.650	5.609	0.000	0.000	8.755	1055849.523	1079232.268	1650.314	FCUN
29	2880	305	35	49	81	53	28	10.211	1.440	10.109	1.532	1.650	5.836	0.000	0.000	8.254	1055849.750	1079232.769	1650.314	PHUELLA
29	2881	325	48	28	80	48	49	9.583	1.530	9.460	1.532	1.650	7.825	0.000	0.000	5.316	1055851.739	1079235.706	1650.404	PHUELLA
29	2882	329	1	15	81	1	4	9.564	1.493	9.447	1.532	1.650	8.099	0.000	0.000	4.862	1055852.013	1079236.160	1650.367	FCUN
29	2883	330	13	23	80	4	7	9.388	1.619	9.247	1.532	1.650	8.026	0.000	0.000	4.592	1055851.940	1079236.430	1650.493	HCUN
29	2884	332	47	34	80	3	8	9.446	1.632	9.304	1.532	1.650	8.275	0.000	0.000	4.258	1055852.188	1079236.769	1650.506	TOP
29	2885	330	22	37	81	26	2	16.540	2.464	16.355	1.532	1.650	14.218	0.000	0.000	8.084	1055858.131	1079232.938	1651.337	TOP
29	2886	329	16	4	82	37	35	16.465	2.113	16.329	1.532	1.650	14.036	0.000	0.000	8.348	1055857.949	1079232.678	1650.987	TOP
29	2887	326	30	29	81	40	20	16.545	2.396	16.371	1.532	1.650	13.652	0.000	0.000	9.034	1055857.566	1079231.989	1651.270	BVIA
29	2888	319	31	59	81	47	29	16.641	2.376	16.471	1.532	1.650	12.531	0.000	0.000	10.689	1055856.444	1079230.333	1651.290	EJE
29	2889	312	8	53	82	13	38	17.072	2.309	16.915	1.532	1.650	11.351	0.000	0.000	12.541	1055855.265	1079228.481	1651.183	BVIA

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29	2890	309	42	14	81	53	26	17.400	2.455	17.226	1.532	1.650	11.004	0.000	0.000	13.253	1055854.918	1079227.770	1651.328	TOP
29	2891	307	32	29	80	0	10	17.487	3.036	17.222	1.532	1.650	10.494	0.000	0.000	13.655	1055854.407	1079227.367	1651.909	CRK
29	2892	312	7	16	81	56	57	24.760	3.468	24.516	1.532	1.650	16.443	0.000	0.000	18.184	1055860.356	1079222.838	1652.341	TOP
29	2893	313	58	51	81	22	3	24.441	3.669	24.164	1.532	1.650	16.780	0.000	0.000	17.388	1055860.694	1079223.635	1652.542	CRK
29	2894	314	59	58	81	22	40	24.297	3.643	24.022	1.532	1.650	16.986	0.000	0.000	16.986	1055860.900	1079224.036	1652.516	TOP
29	2895	315	21	45	82	6	20	24.289	3.336	24.059	1.532	1.650	17.120	0.000	0.000	16.904	1055861.033	1079224.118	1652.210	TOP
29	2896	316	29	21	82	9	41	24.286	3.312	24.059	1.532	1.650	17.449	0.000	0.000	16.564	1055861.362	1079224.458	1652.186	BVIA
29	2897	321	36	34	81	57	21	23.856	3.338	23.621	1.532	1.650	18.514	0.000	0.000	14.669	1055862.428	1079226.353	1652.212	EJE
29	2898	326	0	37	81	55	17	23.689	3.329	23.454	1.532	1.650	19.447	0.000	0.000	13.112	1055863.360	1079227.911	1652.203	BVIA
29	2899	327	43	8	82	27	56	23.868	3.130	23.662	1.532	1.650	20.005	0.000	0.000	12.637	1055863.918	1079228.385	1652.003	TOP
29	2900	327	28	33	82	3	16	31.723	4.391	31.418	1.532	1.650	26.490	0.000	0.000	16.892	1055870.404	1079224.131	1653.265	TOP
29	2901	326	47	57	82	36	20	31.793	4.092	31.529	1.532	1.650	26.382	0.000	0.000	17.264	1055870.295	1079223.758	1653.965	TOP
29	2902	325	31	59	82	21	33	31.901	4.242	31.618	1.532	1.650	26.067	0.000	0.000	17.893	1055869.981	1079223.129	1653.115	BVIA
29	2903	322	13	14	82	25	38	31.758	4.185	31.481	1.532	1.650	24.882	0.000	0.000	19.286	1055868.795	1079221.737	1653.059	EJE
29	2904	317	53	11	82	33	9	31.776	4.119	31.508	1.532	1.650	23.373	0.000	0.000	21.129	1055867.287	1079219.893	1652.992	BVIA
29	2905	317	0	14	82	33	55	31.858	4.122	31.590	1.532	1.650	23.105	0.000	0.000	21.543	1055867.019	1079219.480	1652.996	TOP
29	2906	316	16	59	82	40	46	31.827	4.055	31.568	1.532	1.650	22.816	0.000	0.000	21.816	1055866.729	1079219.206	1652.929	CRK
30	28	137	23	29	96	36	7	38.828	-4.464	38.570	1.486	1.650	0.000	28.388	26.111	0.000	1055843.914	1079241.023	1648.992	DTA
30	31	301	27	2	85	18	6	39.222	3.215	39.090	1.486	1.650	20.396	0.000	0.000	33.347	1055892.697	1079181.564	1656.668	DTA
30	2907	118	37	30	90	7	33	15.734	-0.035	15.734	1.486	1.650	0.000	7.538	13.811	0.000	1055864.763	1079228.722	1653.421	TOP
30	2908	149	13	10	100	21	40	7.287	-1.311	7.168	1.486	1.650	0.000	6.157	3.670	0.000	1055866.144	1079218.581	1652.145	TOP
30	2909	252	46	23	105	14	28	1.983	-0.521	1.913	1.486	1.650	0.000	0.567	0.000	1.827	1055871.735	1079213.084	1652.935	TOP
30	2910	266	18	52	75	53	6	1.347	0.329	1.306	1.486	1.650	0.000	0.084	0.000	1.304	1055872.217	1079213.608	1653.784	CRK
30	2911	289	15	56	77	55	36	1.081	0.226	1.057	1.486	1.650	0.349	0.000	0.000	0.998	1055872.650	1079213.913	1653.682	BVIA
30	2912	16	5	44	83	10	15	2.643	0.299	2.626	1.486	1.650	2.523	0.000	0.728	0.000	1055874.824	1079215.639	1653.755	EJE
30	2913	21	33	38	85	12	56	4.544	0.379	4.528	1.486	1.650	4.211	0.000	1.664	0.000	1055876.513	1079216.575	1653.835	BVIA
30	2914	23	2	0	86	44	1	5.239	0.299	5.230	1.486	1.650	4.813	0.000	2.047	0.000	1055877.115	1079216.958	1653.754	TOP
30	2915	23	23	13	83	0	38	5.460	0.664	5.419	1.486	1.650	4.974	0.000	2.151	0.000	1055877.275	1079217.062	1654.120	TOP
30	2916	26	49	7	78	12	9	6.380	1.304	6.245	1.486	0.050	5.573	0.000	2.818	0.000	1055877.875	1079217.729	1656.360	CRK
30	2917	359	36	20	78	41	48	8.983	1.761	8.809	1.486	0.000	8.809	0.000	0.000	0.061	1055881.330	1079214.851	1656.867	CRK
30	2918	337	11	58	75	34	16	11.160	2.781	10.808	1.486	1.650	9.963	0.000	0.000	4.188	1055882.265	1079210.723	1656.237	TOP
30	2919	342	10	0	77	48	22	10.910	2.304	10.664	1.486	0.000	10.151	0.000	0.000	3.266	1055882.453	1079211.646	1657.410	CRK
30	2920	332	56	53	84	1	4	10.555	1.100	10.497	1.486	1.650	9.349	0.000	0.000	4.774	1055881.650	1079210.137	1654.556	TOP
30	2921	330	25	13	85	53	8	10.444	0.749	10.417	1.486	1.650	9.059	0.000	0.000	5.142	1055881.361	1079209.769	1654.205	TOP
30	2922	327	39	32	85	14	33	10.237	0.849	10.202	1.486	1.650	8.619	0.000	0.000	5.457	1055880.920	1079209.454	1654.105	BVIA
30	2923	317	41	12	85	1	27	9.497	0.824	9.461	1.486	1.650	6.996	0.000	0.000	6.369	1055879.297	1079208.542	1654.280	EJE
30	2924	304	58	33	85	10	55	9.099	0.764	9.067	1.486	1.650	5.197	0.000	0.000	7.429	1055877.499	1079207.482	1654.220	BVIA
30	2925	300	45	43	85	18	0	9.156	0.750	9.125	1.486	1.650	4.667	0.000	0.000	7.841	1055876.969	1079207.070	1654.206	CRK
30	2926	295	47	17	91	25	55	9.435	-0.236	9.432	1.486	1.650	4.103	0.000	0.000	8.493	1055876.405	1079206.419	1653.220	TOP
30	2927	295	59	3	88	3	26	16.846	0.571	16.836	1.486	1.650	7.376	0.000	0.000	15.134	1055879.678	1079199.777	1654.027	TOP

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30	2928	300	58	14	85	13	34	17.036	1.418	16.977	1.486	1.650	8.719	0.000	0.000	14.567	1055881.021	1079200.345	1654.874	BVIA
30	2929	308	12	5	85	19	19	17.469	1.425	17.411	1.486	1.650	10.767	0.000	0.000	13.682	1055883.069	1079201.229	1654.881	EJE
30	2930	312	56	25	85	25	11	18.114	1.447	18.056	1.486	1.650	12.301	0.000	0.000	13.218	1055884.602	1079201.693	1654.902	BVIA
30	2931	314	19	44	85	48	37	18.347	1.340	18.298	1.486	1.650	12.786	0.000	0.000	13.089	1055885.087	1079201.822	1654.796	TOP
30	2932	316	4	1	85	27	32	18.541	1.468	18.483	1.486	1.650	13.310	0.000	0.000	12.824	1055885.612	1079202.088	1654.924	TOP
30	2933	320	20	26	83	29	20	18.555	2.104	18.435	1.486	0.050	14.192	0.000	0.000	11.766	1055886.494	1079203.145	1657.160	CRK
30	2934	311	22	3	82	10	49	25.621	3.485	25.383	1.486	1.650	16.775	0.000	0.000	19.049	1055889.076	1079195.862	1656.942	TOP
30	2935	309	17	23	85	18	38	25.464	2.082	25.379	1.486	1.650	16.071	0.000	0.000	19.642	1055888.372	1079195.269	1655.538	TOP
30	2936	308	35	12	86	2	1	25.410	1.758	25.349	1.486	1.650	15.810	0.000	0.000	19.814	1055888.111	1079195.097	1655.214	TOP
30	2937	308	2	5	85	59	11	25.376	1.776	25.314	1.486	1.650	15.597	0.000	0.000	19.918	1055887.898	1079194.973	1655.232	BVIA
30	2938	306	49	41	85	41	7	25.312	1.904	25.240	1.486	1.650	15.130	0.000	0.000	20.203	1055887.431	1079194.708	1655.360	BVIA
30	2939	303	22	7	85	23	4	25.145	2.023	25.063	1.486	1.650	13.786	0.000	0.000	20.932	1055886.087	1079193.980	1655.479	EJE
30	2940	299	31	20	85	12	18	25.278	2.113	25.190	1.486	1.650	12.412	0.000	0.000	21.919	1055884.714	1079192.982	1655.569	BVIA
31	30	121	27	3	94	14	42	39.198	-2.901	39.090	1.503	1.650	0.000	20.396	33.947	0.000	1055872.301	1079214.911	1653.620	DTA
31	32	2	24	9	83	4	11	49.379	5.958	49.018	1.503	1.650	48.975	0.000	2.055	0.000	1055941.672	1079183.619	1662.479	DTA
31	2941	123	35	9	94	32	35	22.442	-1.778	22.371	1.503	1.650	0.000	12.376	18.637	0.000	1055880.321	1079200.201	1654.744	CRK
31	2942	124	56	56	96	19	0	22.604	-2.487	22.467	1.503	1.650	0.000	12.870	18.415	0.000	1055879.827	1079199.979	1654.034	TOP
31	2943	132	0	29	93	45	57	13.922	-0.914	13.892	1.503	1.650	0.000	9.297	10.322	0.000	1055883.400	1079191.886	1655.607	TOP
31	2944	129	8	40	92	46	42	13.780	-0.668	13.764	1.503	1.650	0.000	8.689	10.675	0.000	1055884.008	1079192.238	1655.853	CRK
31	2945	148	80	21	92	9	29	6.644	-0.250	6.639	1.503	1.650	0.000	5.661	3.468	0.000	1055887.036	1079185.032	1656.271	TOP
31	2946	141	26	53	92	34	49	6.157	-0.277	6.151	1.503	1.650	0.000	4.810	3.833	0.000	1055887.887	1079185.397	1656.244	CRK
31	2947	131	43	26	93	28	0	6.066	-0.367	6.055	1.503	1.650	0.000	4.030	4.519	0.000	1055888.667	1079186.083	1656.155	BVIA
31	2948	112	42	38	94	16	42	6.544	-0.488	6.526	1.503	1.650	0.000	2.519	6.020	0.000	1055890.178	1079187.584	1656.033	EJE
31	2949	98	10	36	94	33	11	7.519	-0.597	7.495	1.503	1.650	0.000	1.066	7.419	0.000	1055891.631	1079188.983	1655.925	BVIA
31	2950	95	63	55	95	37	58	7.860	-0.771	7.822	1.503	1.650	0.000	0.781	7.783	0.000	1055891.916	1079189.347	1655.750	TOP
31	2951	94	50	12	95	25	3	8.001	-0.755	7.965	1.503	1.650	0.000	0.672	7.937	0.000	1055892.025	1079189.501	1655.766	TOP
31	2952	93	15	50	92	27	24	8.123	-0.348	8.116	1.503	1.650	0.000	0.462	8.102	0.000	1055892.235	1079189.666	1656.173	TOP
31	2953	91	18	9	87	0	42	8.295	0.432	8.284	1.503	0.000	0.000	0.188	8.281	0.000	1055892.509	1079189.845	1658.604	TOP
31	2954	180	52	42	101	6	6	8.616	-1.663	8.474	1.503	1.650	0.000	8.473	0.000	0.130	1055884.224	1079181.494	1654.859	CRK
31	2955	185	29	2	100	22	49	8.216	-1.480	8.082	1.503	1.650	0.000	8.045	0.000	0.772	1055884.653	1079180.792	1655.041	BVIA
31	2956	214	21	33	101	50	0	6.689	-1.372	6.547	1.503	1.650	0.000	5.405	0.000	3.695	1055887.293	1079177.869	1655.150	BVIA
31	2957	220	15	11	100	8	34	6.567	-1.156	6.464	1.503	1.650	0.000	4.934	0.000	4.177	1055887.763	1079177.387	1655.365	CRK
31	2958	261	43	58	85	30	29	0.858	0.067	0.855	1.503	1.650	0.000	0.123	0.000	0.847	1055892.574	1079180.717	1656.589	CRK
31	2959	208	6	11	99	53	18	1.038	-0.106	1.033	1.503	1.650	0.000	0.911	0.000	0.486	1055891.786	1079181.077	1656.415	BVIA
31	2960	150	42	50	94	42	42	4.777	-0.392	4.761	1.503	1.650	0.000	4.152	2.329	0.000	1055888.545	1079183.893	1656.129	BVIA
31	2961	342	49	52	75	20	27	0.814	0.206	0.788	1.503	1.650	0.752	0.000	0.000	0.232	1055893.450	1079181.331	1656.727	BVIA
31	2962	30	4	14	87	57	33	2.620	0.093	2.618	1.503	1.650	2.266	0.000	1.312	0.000	1055894.983	1079182.876	1656.615	EJE
31	2963	36	47	27	90	46	43	4.555	-0.062	4.555	1.503	1.650	3.647	0.000	2.728	0.000	1055896.345	1079184.292	1656.460	BVIA
31	2964	37	28	58	92	51	2	5.017	-0.249	5.011	1.503	1.650	3.976	0.000	3.049	0.000	1055896.673	1079184.613	1656.272	TOP
31	2965	38	2	27	87	54	15	5.428	0.199	5.424	1.503	1.650	4.272	0.000	3.343	0.000	1055896.969	1079184.906	1656.720	TOP

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31	2966	39	15	38	83	34	9	6.076	0.681	6.038	1.503	0.000	4.675	0.000	3.821	0.000	1055897.372	1079185.385	1658.852	TOP
31	2967	10	17	57	83	52	42	8.333	0.889	8.285	1.503	0.000	8.152	0.000	1.481	0.000	1055900.849	1079183.045	1659.060	TOP
31	2968	6	35	56	84	39	9	8.039	0.749	8.004	1.503	1.650	7.951	0.000	0.920	0.000	1055900.648	1079182.484	1657.273	TOP
31	2969	5	11	17	86	43	12	7.863	0.449	7.850	1.503	1.650	7.818	0.000	0.710	0.000	1055900.515	1079182.274	1656.971	TOP
31	2970	4	8	29	86	38	39	7.804	0.457	7.791	1.503	1.650	7.770	0.000	0.563	0.000	1055900.467	1079182.127	1656.978	TOP
31	2971	0	10	52	85	16	1	7.640	0.630	7.614	1.503	1.650	7.614	0.000	0.024	0.000	1055900.311	1079181.588	1657.152	BVIA
31	2972	345	46	32	83	30	26	6.899	0.780	6.855	1.503	1.650	6.645	0.000	0.000	1.684	1055899.342	1079179.880	1657.302	EJE
31	2973	331	11	40	82	8	26	6.832	0.934	6.768	1.503	1.650	5.930	0.000	0.000	3.261	1055898.628	1079178.903	1657.456	BVIA
31	2974	326	26	10	81	5	33	7.057	1.093	6.972	1.503	1.650	5.809	0.000	0.000	3.854	1055898.507	1079177.709	1657.614	CRK
31	2975	319	30	41	85	17	24	7.284	0.598	7.259	1.503	1.650	5.521	0.000	0.000	4.713	1055898.218	1079176.850	1657.120	TOP
31	2976	330	16	13	84	40	31	13.159	1.221	13.102	1.503	1.650	11.578	0.000	0.000	6.498	1055904.075	1079175.066	1657.743	TOP
31	2977	333	57	2	81	55	19	12.910	1.814	12.782	1.503	1.650	11.483	0.000	0.000	5.613	1055904.181	1079175.951	1658.336	CRK
31	2978	336	18	31	82	21	13	12.765	1.609	12.652	1.503	1.650	11.585	0.000	0.000	5.083	1055904.282	1079176.480	1658.220	BVIA
31	2979	346	23	38	82	36	4	12.505	1.610	12.401	1.503	1.650	12.053	0.000	0.000	2.917	1055904.750	1079178.647	1658.132	EJE
31	2980	356	23	23	83	5	45	12.503	1.503	12.410	1.503	1.650	12.386	0.000	0.000	0.781	1055905.083	1079180.782	1658.024	BVIA
31	2981	359	8	11	83	44	3	12.499	1.364	12.424	1.503	1.650	12.423	0.000	0.000	0.187	1055905.120	1079181.377	1657.886	TOP
31	2982	1	31	35	82	59	48	12.510	1.525	12.417	1.503	1.650	12.412	0.000	0.331	0.000	1055905.109	1079181.895	1658.047	TOP
31	2983	2	29	27	82	3	59	18.267	2.522	18.092	1.503	1.650	18.075	0.000	0.786	0.000	1055910.772	1079182.350	1659.044	TOP
31	2984	0	21	46	82	90	11	18.283	2.280	18.140	1.503	1.650	18.140	0.000	0.115	0.000	1055910.837	1079181.679	1658.801	TOP
31	2985	358	50	20	82	24	3	18.431	2.437	18.269	1.503	1.650	18.265	0.000	0.000	0.370	1055910.962	1079181.194	1658.950	BVIA
31	2986	351	45	7	82	22	55	18.967	2.514	18.800	1.503	1.650	18.605	0.000	0.000	2.697	1055911.302	1079178.867	1659.036	EJE
31	2987	346	0	23	82	20	44	19.810	2.639	19.634	1.503	1.650	19.051	0.000	0.000	4.748	1055911.748	1079176.816	1659.160	BVIA
31	2988	344	24	29	81	56	51	20.104	2.836	19.906	1.503	1.650	19.173	0.000	0.000	5.350	1055911.870	1079176.214	1659.338	CRK
31	2989	342	38	45	82	37	31	20.686	2.630	20.517	1.503	1.650	19.392	0.000	0.000	6.060	1055912.089	1079175.504	1659.151	TOP
31	2990	350	22	35	84	23	43	26.459	2.584	26.332	1.503	1.650	25.962	0.000	0.000	4.402	1055918.659	1079177.362	1659.105	TOP
31	2991	352	8	35	83	19	12	26.244	3.053	26.066	1.503	1.650	25.821	0.000	0.000	3.563	1055918.518	1079178.001	1659.574	CRK
31	2992	354	30	58	82	31	44	25.838	3.360	25.619	1.503	1.650	25.501	0.000	0.000	2.448	1055918.199	1079179.116	1659.881	BVIA
31	2993	358	16	21	82	23	39	25.089	3.323	24.868	1.503	1.650	24.857	0.000	0.000	0.750	1055917.554	1079180.814	1659.842	EJE
31	2994	2	35	21	82	2	21	24.388	3.377	24.151	1.503	1.650	24.126	0.000	1.091	0.000	1055916.823	1079182.655	1659.899	BVIA
32	31	182	24	9	96	36	5	49.345	-5.673	49.018	1.512	1.650	0.000	48.975	0.000	2.055	1055892.037	1079181.564	1656.668	DTA
32	33	20	36	31	84	43	11	46.389	4.269	46.192	1.512	1.650	43.236	0.000	16.259	0.000	1055984.908	1079199.878	1686.610	DTA
32	2995	180	50	41	93	5	58	29.847	-1.614	29.803	1.512	1.650	0.000	29.800	0.000	0.440	1055911.872	1079183.179	1660.727	TOP
32	2996	178	25	31	94	13	9	26.361	-1.939	26.289	1.512	1.650	0.000	26.280	0.722	0.000	1055915.393	1079184.341	1660.402	PGAS
32	2997	174	30	4	93	53	35	23.265	-1.580	23.211	1.512	1.650	0.000	23.104	2.214	0.000	1055918.568	1079185.843	1660.762	BVIA
32	2998	172	12	36	92	11	17	24.267	-0.926	24.249	1.512	1.650	0.000	24.025	3.287	0.000	1055917.647	1079186.906	1661.415	CRK
32	2999	158	40	6	86	21	37	23.514	1.493	23.466	1.512	1.650	0.000	21.859	8.536	0.000	1055919.813	1079192.155	1663.834	CRK
32	3000	158	16	21	88	52	19	22.393	0.441	22.389	1.512	1.650	0.000	20.796	8.288	0.000	1055920.874	1079191.907	1662.782	BVIA
32	3001	155	50	30	88	17	38	19.327	0.576	19.318	1.512	1.650	0.000	17.626	7.906	0.000	1055924.046	1079191.525	1662.917	BVIA
32	3002	155	13	18	87	1	37	18.772	0.974	18.747	1.512	1.650	0.000	17.021	7.857	0.000	1055924.651	1079191.476	1663.315	CRK
32	3003	163	35	23	89	11	3	17.816	0.254	17.814	1.512	1.650	0.000	17.088	5.033	0.000	1055924.584	1079188.652	1662.595	CRK

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32	3004	166	27	31	91	29	31	19.005	-0.495	18.999	1.512	1.650	0.000	18.470	4.448	0.000	1055923.202	1079188.067	1663.846	BVIA
32	3005	173	21	57	94	31	2	17.504	-1.379	17.450	1.512	1.650	0.000	17.333	2.016	0.000	1055924.339	1079185.635	1660.963	TOP
32	3006	175	14	31	95	16	12	17.388	-1.597	17.314	1.512	1.650	0.000	17.255	1.436	0.000	1055924.417	1079185.055	1660.744	TOP
32	3007	176	58	29	95	19	28	17.148	-1.591	17.074	1.512	1.650	0.000	17.050	0.901	0.000	1055924.622	1079184.520	1660.750	BVIA
32	3008	183	14	58	95	30	44	16.707	-1.606	16.630	1.512	1.650	0.000	16.603	0.000	0.943	1055925.069	1079182.676	1660.736	EJE
32	3009	189	48	56	95	54	41	16.550	-1.704	16.463	1.512	1.650	0.000	16.223	0.000	2.797	1055925.450	1079180.822	1660.637	BVIA
32	3010	192	53	32	95	47	56	16.580	-1.675	16.495	1.512	1.650	0.000	16.079	0.000	3.680	1055925.593	1079179.939	1660.666	CRK
32	3011	196	2	14	99	52	52	16.538	-2.838	16.293	1.512	1.650	0.000	15.659	0.000	4.501	1055926.014	1079179.118	1659.509	TOP
32	3012	201	12	16	104	5	8	6.089	-3.482	5.906	1.512	1.650	0.000	5.506	0.000	2.136	1055936.166	1079181.483	1660.859	TOP
32	3013	195	25	13	97	43	57	5.960	-0.802	5.906	1.512	1.650	0.000	5.693	0.000	1.570	1055935.979	1079182.049	1661.539	CRK
32	3014	186	49	31	96	6	57	5.887	-0.627	5.853	1.512	1.650	0.000	5.812	0.000	0.696	1055935.860	1079182.923	1661.714	BVIA
32	3015	165	35	0	94	41	53	6.438	-0.527	6.416	1.512	1.650	0.000	6.214	1.597	0.000	1055935.458	1079185.216	1661.814	EJE
32	3016	151	43	55	94	6	1	7.328	-0.524	7.309	1.512	1.650	0.000	6.438	3.462	0.000	1055935.235	1079187.081	1661.817	BVIA
32	3017	148	26	30	94	13	11	7.689	-0.566	7.668	1.512	1.650	0.000	6.534	4.013	0.000	1055935.138	1079187.632	1661.776	TOP
32	3018	145	1	1	91	20	51	8.186	-0.392	8.144	1.512	1.650	0.000	6.672	4.669	0.000	1055935.000	1079188.288	1662.150	TOP
32	3019	140	47	46	88	43	44	9.264	0.206	9.262	1.512	1.650	0.000	7.177	5.854	0.000	1055934.495	1079189.473	1662.547	CRK
32	3020	140	11	27	84	52	11	9.946	0.888	9.906	1.512	1.650	0.000	7.610	6.342	0.000	1055934.082	1079189.961	1663.230	TOP
32	3021	88	51	37	76	10	38	7.272	1.696	7.071	1.512	1.650	0.141	0.000	7.070	0.000	1055941.813	1079190.689	1664.038	TOP
32	3022	90	8	59	79	59	11	6.531	1.136	6.432	1.512	1.650	0.000	0.017	6.432	0.000	1055941.655	1079190.050	1663.477	CRK
32	3023	86	53	1	84	26	35	5.460	0.529	5.434	1.512	1.650	0.295	0.000	5.426	0.000	1055941.968	1079189.045	1662.870	TOP
32	3024	83	26	44	89	11	22	4.857	0.069	4.857	1.512	1.650	0.554	0.000	4.825	0.000	1055942.227	1079188.444	1662.410	TOP
32	3025	81	3	19	88	10	13	4.457	0.142	4.455	1.512	1.650	0.693	0.000	4.401	0.000	1055942.365	1079188.020	1662.484	BVIA
32	3026	64	52	19	85	11	10	2.714	0.228	2.705	1.512	1.650	1.148	0.000	2.449	0.000	1055942.821	1079186.068	1662.569	EJE
32	3027	14	30	44	80	41	5	1.752	0.284	1.729	1.512	1.650	1.674	0.000	0.433	0.000	1055943.346	1079184.052	1662.625	BVIA
32	3028	347	13	33	81	55	48	1.736	0.244	1.719	1.512	1.650	1.676	0.000	0.000	0.380	1055943.348	1079183.239	1662.585	CRK
32	3029	324	47	42	106	4	52	2.018	-0.559	1.939	1.512	1.650	1.584	0.000	0.000	1.118	1055943.257	1079182.501	1661.782	TOP
32	3030	349	31	38	91	0	36	10.454	-0.184	10.452	1.512	1.650	10.278	0.000	0.000	1.900	1055951.951	1079181.719	1662.157	ENTRD
32	3031	9	40	24	88	54	42	10.843	0.206	10.841	1.512	1.650	10.687	0.000	1.822	0.000	1055952.359	1079185.441	1662.547	ENTRD
32	3032	16	35	25	84	13	10	11.017	1.110	10.963	1.512	1.650	10.505	0.000	3.130	0.000	1055952.177	1079186.749	1663.451	BVIA
32	3033	25	13	11	84	9	31	11.453	1.166	11.394	1.512	1.650	10.908	0.000	4.855	0.000	1055951.980	1079188.474	1663.507	EJE
32	3034	32	35	35	85	0	25	11.852	1.032	11.807	1.512	1.650	9.948	0.000	6.360	0.000	1055951.620	1079189.979	1663.373	BVIA
32	3035	34	13	21	85	36	9	12.004	0.920	11.969	1.512	1.650	9.896	0.000	6.731	0.000	1055951.569	1079190.350	1663.262	TOP
32	3036	38	2	17	82	38	51	12.285	1.572	12.184	1.512	1.650	9.596	0.000	7.508	0.000	1055951.268	1079191.127	1663.913	TOP
32	3037	40	54	13	80	57	18	12.545	1.972	12.389	1.512	1.650	9.364	0.000	8.112	0.000	1055951.036	1079191.731	1664.314	CRK
32	3038	42	35	15	79	52	16	12.921	2.272	12.720	1.512	1.650	9.365	0.000	8.608	0.000	1055951.037	1079192.227	1664.614	TOP
32	3039	34	30	35	80	31	23	19.624	3.231	19.356	1.513	1.650	15.950	0.000	10.968	0.000	1055957.622	1079194.585	1665.572	TOP
32	3040	33	30	4	81	10	14	19.419	2.981	19.189	1.512	1.650	16.001	0.000	10.593	0.000	1055957.673	1079194.210	1665.322	CRK
32	3041	30	10	40	84	1	9	19.099	1.990	18.995	1.512	1.650	16.421	0.000	9.549	0.000	1055958.093	1079193.167	1664.331	TOP
32	3042	28	7	7	85	22	12	18.856	1.522	18.795	1.512	1.650	16.578	0.000	8.858	0.000	1055958.248	1079192.477	1663.863	TOP
32	3043	26	41	6	84	57	30	18.891	1.660	18.818	1.512	1.650	16.814	0.000	8.451	0.000	1055958.486	1079192.070	1664.001	BVIA

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32	3044	21	37	58	84	44	9	18.837	1.728	18.758	1.512	1.650	17.436	0.000	6.915	0.000	1055959.109	1079190.534	1664.070	EJE
32	3045	16	46	25	84	46	30	19.016	1.732	18.937	1.512	1.650	18.131	0.000	5.465	0.000	1055959.803	1079189.084	1664.073	BVIA
32	3046	13	46	10	86	19	7	19.034	1.222	18.985	1.512	1.650	18.449	0.000	4.521	0.000	1055960.121	1079188.140	1663.563	CRK
32	3047	15	31	51	86	11	59	26.222	1.739	26.164	1.512	1.650	25.229	0.000	6.932	0.000	1055966.901	1079190.551	1664.080	CRK
32	3048	17	30	35	85	5	12	26.339	2.256	26.242	1.512	1.650	25.072	0.000	7.750	0.000	1055966.744	1079191.369	1664.597	BVIA
32	3049	21	42	44	85	5	15	26.237	2.247	26.141	1.512	1.650	24.286	0.000	9.671	0.000	1055965.958	1079193.290	1664.588	EJE
32	3050	25	22	30	85	5	5	26.199	2.245	26.103	1.512	1.650	23.584	0.000	11.186	0.000	1055965.257	1079194.805	1664.586	BVIA
32	3051	26	38	56	85	25	24	26.337	2.101	26.253	1.512	1.650	23.464	0.000	11.775	0.000	1055965.136	1079195.394	1664.443	TOP
32	3052	27	47	15	84	28	4	26.410	2.546	26.287	1.512	1.650	23.256	0.000	12.255	0.000	1055964.928	1079195.874	1664.887	TOP
32	3053	28	41	10	82	45	18	26.628	3.358	26.415	1.512	1.650	23.173	0.000	12.680	0.000	1055964.845	1079196.299	1665.899	CRK
33	32	200	36	30	94	55	32	46.363	-3.981	46.192	1.500	1.650	0.000	43.236	0.000	16.259	1055941.672	1079183.619	1662.479	DTA
33	3054	179	53	1	89	58	16	14.175	0.007	14.175	1.500	1.650	0.000	14.175	0.029	0.000	1055970.733	1079199.907	1666.467	TOP
33	3055	181	15	43	90	25	33	13.925	-0.103	13.925	1.500	1.650	0.000	13.921	0.000	0.307	1055970.987	1079199.571	1666.357	CRK
33	3056	183	55	27	94	16	54	13.249	-0.989	13.212	1.500	1.650	0.000	13.181	0.000	0.904	1055971.727	1079198.974	1665.471	TOP
33	3057	186	33	52	96	20	5	13.109	-1.446	13.029	1.500	1.650	0.000	12.944	0.000	1.489	1055971.965	1079198.388	1665.014	TOP
33	3058	189	4	19	95	36	10	12.797	-1.249	12.736	1.500	1.650	0.000	12.576	0.000	2.008	1055972.332	1079197.870	1665.211	BVIA
33	3059	197	37	52	95	30	43	12.413	-1.183	12.356	1.500	1.650	0.000	11.680	0.000	3.712	1055973.228	1079196.166	1665.278	EJE
33	3060	208	19	13	95	42	1	12.281	-1.220	12.220	1.500	1.650	0.000	10.953	0.000	5.418	1055973.955	1079194.459	1665.240	BVIA
33	3061	211	20	38	96	21	30	12.487	-1.383	12.410	1.500	1.650	0.000	10.599	0.000	6.455	1055974.309	1079193.422	1665.077	CRK
33	3062	219	26	58	93	20	39	5.448	-0.318	5.439	1.500	1.650	0.000	4.200	0.000	3.456	1055980.709	1079196.422	1666.142	CRK
33	3063	208	53	26	94	52	21	5.359	-0.455	5.340	1.500	1.650	0.000	4.675	0.000	2.580	1055980.233	1079197.288	1666.005	BVIA
33	3064	183	23	54	95	11	23	5.992	-0.542	5.967	1.500	1.650	0.000	5.957	0.000	0.354	1055978.952	1079199.524	1665.918	EJE
33	3065	168	29	16	95	0	29	6.968	-0.608	6.941	1.500	1.650	0.000	6.802	1.385	0.000	1055978.107	1079201.263	1665.852	BVIA
33	3066	166	19	11	95	20	13	7.259	-0.675	7.227	1.500	1.650	0.000	7.022	1.709	0.000	1055977.886	1079201.587	1665.785	TOP
33	3067	161	33	7	84	52	50	8.429	0.752	8.395	1.500	1.650	0.000	7.964	2.657	0.000	1055976.945	1079202.535	1667.212	CRK
33	3068	108	47	42	74	50	15	6.926	1.812	6.685	1.500	1.650	0.000	2.154	6.328	0.000	1055982.755	1079206.206	1668.272	CRK
33	3069	101	50	50	89	21	23	4.986	0.056	4.986	1.500	1.650	0.000	1.024	4.879	0.000	1055983.885	1079204.757	1666.516	TOP
33	3070	98	48	6	87	31	53	4.646	0.200	4.642	1.500	1.650	0.000	0.710	4.587	0.000	1055984.198	1079204.465	1666.660	BVIA
33	3071	85	48	19	84	34	16	2.932	0.277	2.919	1.500	1.650	0.214	0.000	2.911	0.000	1055985.122	1079202.789	1666.738	EJE
33	3072	34	14	24	79	33	52	1.717	0.511	1.689	1.500	1.650	1.396	0.000	0.950	0.000	1055986.304	1079200.828	1666.771	BVIA
33	3073	358	57	22	79	7	43	2.124	0.403	2.086	1.500	1.650	2.086	0.000	0.000	0.038	1055986.994	1079199.840	1666.861	CRK
33	3074	38	11	17	82	40	3	9.112	1.163	9.038	1.500	1.650	7.966	0.000	4.269	0.000	1055992.874	1079204.147	1667.623	CRK
33	3075	34	21	32	83	21	40	9.058	1.047	8.997	1.500	1.650	7.427	0.000	5.078	0.000	1055992.336	1079204.956	1667.507	BVIA
33	3076	50	3	16	83	57	47	9.188	0.966	9.137	1.500	1.650	5.867	0.000	7.005	0.000	1055990.775	1079206.883	1667.427	EJE
33	3077	62	19	23	84	32	20	9.828	0.935	9.783	1.500	1.650	4.544	0.000	8.664	0.000	1055989.453	1079208.542	1667.396	BVIA
33	3078	64	45	55	85	20	40	10.049	0.856	10.016	1.500	1.650	4.270	0.000	9.060	0.000	1055989.178	1079208.938	1667.276	TOP
33	3079	72	2	25	84	42	58	10.830	0.997	10.784	1.500	0.050	3.325	0.000	10.259	0.000	1055988.234	1079210.136	1669.058	CRK
33	3080	75	5	36	83	3	45	11.337	1.369	11.254	1.500	0.050	2.895	0.000	10.875	0.000	1055987.803	1079210.753	1669.430	TOP
33	3081	60	18	47	79	21	33	17.098	3.157	16.804	1.500	0.050	8.322	0.000	14.598	0.000	1055993.231	1079214.476	1671.217	CRK
33	3082	54	48	31	85	12	26	16.326	1.964	16.269	1.500	1.650	9.376	0.000	13.296	0.000	1055994.284	1079213.173	1667.824	TOP

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33	3083	52	48	55	84	44	26	16.342	1.498	16.273	1.500	1.650	9.835	0.000	12.965	0.000	1055994.744	1079212.842	1667.958	BVIA
33	3084	45	46	38	84	42	28	16.433	1.514	16.343	1.500	1.650	11.398	0.000	11.712	0.000	1055996.307	1079211.590	1667.974	EJE
33	3085	39	13	45	84	34	29	16.608	1.570	16.534	1.500	1.650	12.807	0.000	10.456	0.000	1055997.716	1079210.334	1668.030	BVIA
33	3086	34	8	10	85	1	37	16.840	1.460	16.777	1.500	1.650	13.886	0.000	9.414	0.000	1055998.795	1079209.292	1667.920	CRR
33	3087	32	55	0	84	34	30	15.098	1.427	15.030	1.500	1.650	12.617	0.000	8.168	0.000	1055997.526	1079208.046	1667.888	TANQUE
33	3088	35	28	55	85	0	58	18.689	1.624	18.618	1.500	1.650	15.161	0.000	10.807	0.000	1056000.069	1079210.685	1668.084	TANQUE
33	3089	41	38	35	85	16	45	23.207	1.910	23.128	1.500	1.650	17.284	0.000	15.369	0.000	1056002.192	1079215.246	1668.370	BVIA
33	3090	51	36	37	85	15	31	22.557	1.865	22.480	1.500	1.650	13.960	0.000	17.620	0.000	1055998.868	1079217.498	1668.325	BVIA
33	3091	52	30	28	85	41	16	27.532	2.070	27.454	1.500	1.650	16.710	0.000	21.783	0.000	1056001.618	1079221.661	1668.530	BVIA
33	3092	43	52	35	85	38	4	28.118	2.140	28.037	1.500	1.650	20.210	0.000	19.432	0.000	1056005.118	1079219.310	1668.601	BVIA

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GEORREFERENCIACION Y LEVANTAMIENTO TOPOGRAFICO

(Planimetría - Altimetría)

DEPARTAMENTO DE BOYACA
MUNICIPIO DE GARAGOA
CASCO URBANO

ELABORO:
WILMER E. ALFONSO H.

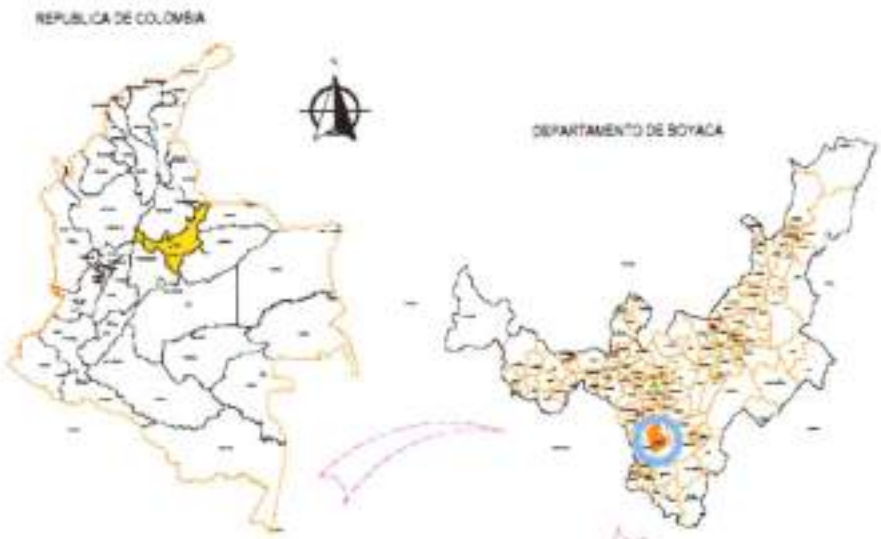
TOPOGRAFIA TRAMO CALLE 6 CON CARRERA 7 A ALTO DE SANTA BARBARA

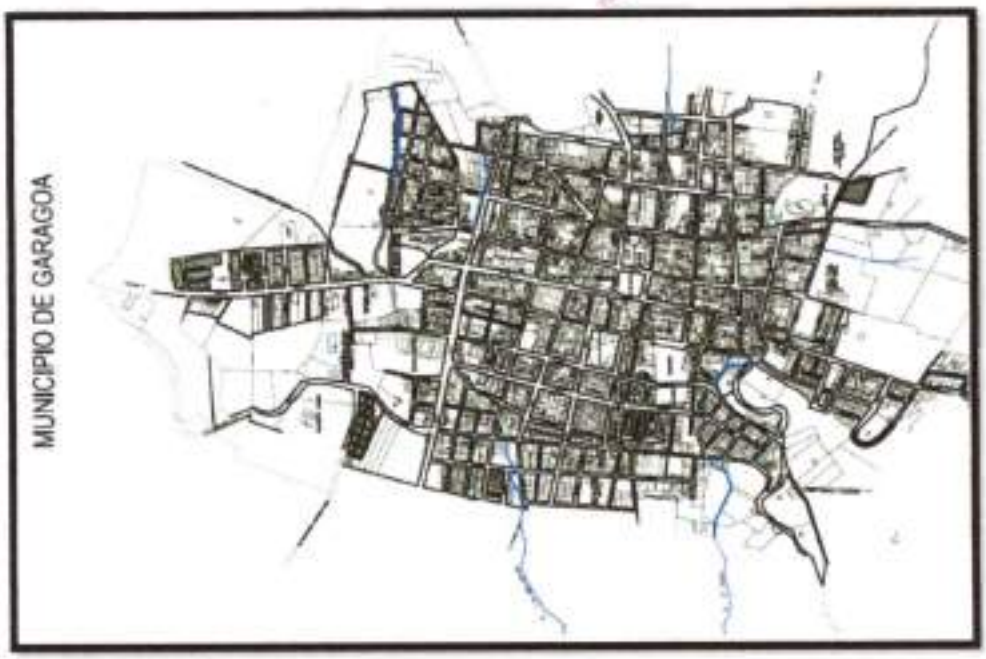
NOVIEMBRE DE 2025

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1. LOCALIZACION





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Como se aprecia en la anterior imagen el tramo de vía levantado corresponde a la línea en color rojo Fuente Google earth.

2. GEORREFERENCIACIÓN

La georreferenciación es la asignación de coordenadas reales ajustadas a un punto o par de puntos para tomarlos de base para un levantamiento topográfico.

Esta se puede hacer por varios métodos:

El primero consiste en posicionar el punto a georreferenciar y luego ajustarlo con alguna estación de rastreo permanente de la red MAGNA-ECO perteneciente al IGAC, el inconveniente principal de este método consiste en que no todas las estaciones permanentes están en funcionamiento y se corre el riesgo de perder el posicionamiento realizado, además los datos necesarios para el amarre son suministrados por el IGAC, y en ocasiones estas publicaciones pueden tardar hasta 10 días en ser subidas a la página oficial, lo cual incurriría en demoras considerables para realizar esta actividad.

El segundo método consiste en amarrarse a placas de coordenadas conocidas certificadas por el IGAC, a diferencia de la estación permanente, estas son pasivas, lo único que varía es que hay que emplear un equipo GPS extra para utilizarlo como base. Los datos empleados para el cálculo se encuentran en el certificado emitido por el IGAC
Para este caso se realizó el método No 1.

Para garantizar una precisión adecuada en la Georreferenciación de las placas, se utiliza el método recomendado por el IGAC, el cual se basa en los tiempos mínimos de posicionamiento, el cual menciona lo siguiente: El tiempo mínimo de posicionamiento de un punto se basa en la distancia en línea recta desde el punto base, al punto a georreferenciar, con 15 minutos para iniciar + 5 minutos adicionales por cada kilómetro. (Por ejemplo, si la base se encuentra a 15 kilómetros del punto a georreferenciar el tiempo de posicionamiento seria de 15 minutos + 75 minutos = 90minutos. "15 minutos al arrancar + 5 minutos por cada kilómetro 15*5).

METODOLOGIA:

Se ubica un par de equipos GNSS, en cada uno de los pares de placas por proyecto, el tramo de vía del Hospital hasta el alto de Santa Bárbara se posicionaron dos placas, (GPS 1 y GPS 2), un equipo en cada Mojón y trabajando simultáneamente.

Se descargan los archivos RINEX, de la estación permanente GARA, y junto con los archivos RINEX de los puntos GPS 1, GPS 2, se calculan y ajustan estos puntos, teniendo en cuenta que el tiempo mínimo de rastreo para redes de segundo orden es de 8 horas.

3. EQUIPO UTILIZADO

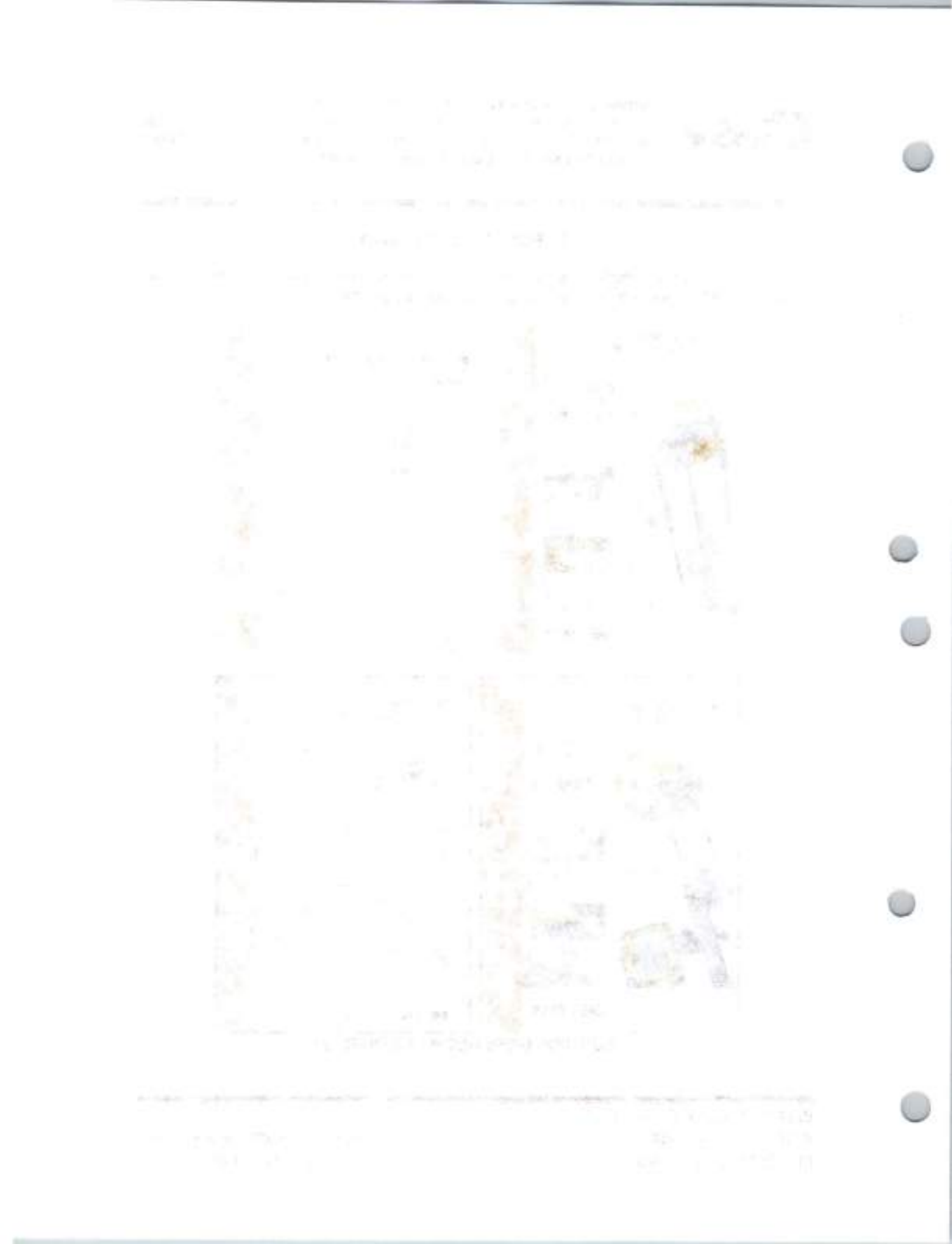
Los equipos GNSS empleados para la Georreferenciación y levantamiento topográfico GNSS – RTK, fueron 2 receptores marca **GEOMAX ZENITH 25**



EQUIPOS GNSS GEOMAX ZENITH 25

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4. LEVANTAMIENTO TOPOGRAFICO RTK.

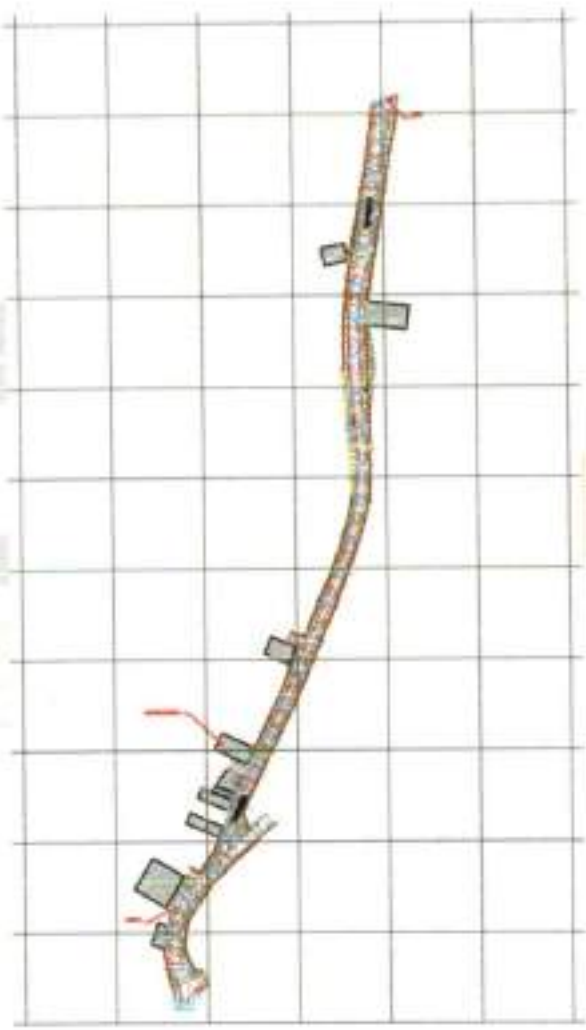


Teniendo materializado, posicionado, calculado y ajustado los puntos BASE (GPS 1, GPS 2, se posiciono un equipo GPS con sistema RTK, base con radio externo de 35 watts de potencia (cobertura máxima de 20 km), y se le introducen las coordenadas calculadas y ajustadas del posicionamiento GPS, se introducen los parámetros del trabajo como: precisiones mínimas (para este caso se grabaron puntos que únicamente estuvieran por debajo de +/- 0.05 mts de precisión), también la proyección, MAGNA CENTRAL.

Se recolecto la información en un colector de campo mediante un software de campo denominado Field Genius, el cual además de recoger la información tomada en campo genera un archivo crudo con la información del proyecto (RAW DATA) y además un archivo de texto con las coordenadas planas de Gauss Calculadas (cartera de campo).
Se decidió realizar el levantamiento topográfico por este método, ya que las visuales son limitadas tanto por la topografía del terreno así como por la vegetación, y en parte por generar el mínimo impacto ambiental. Además de obtener las mismas precisiones, e incluso mejores que las obtenidas por levantamientos topográficos convencionales.

Para garantizar estas precisiones se utilizó un radio externo de 35wats (máxima cobertura de 20 km), marca SATEL, con sistemas GPS GEOMAX ZENITH 25 y GEOMAX ZENITH 20, antena de comunicación externa tipo látigo para mayor potencia.

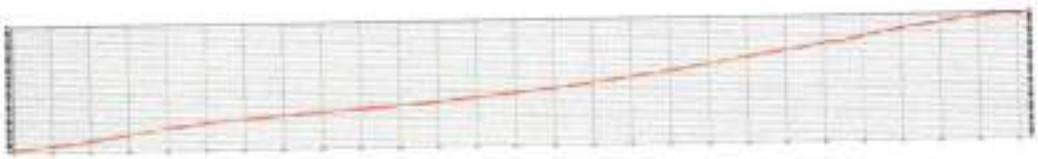
5. RESULTADOS OBTENIDOS



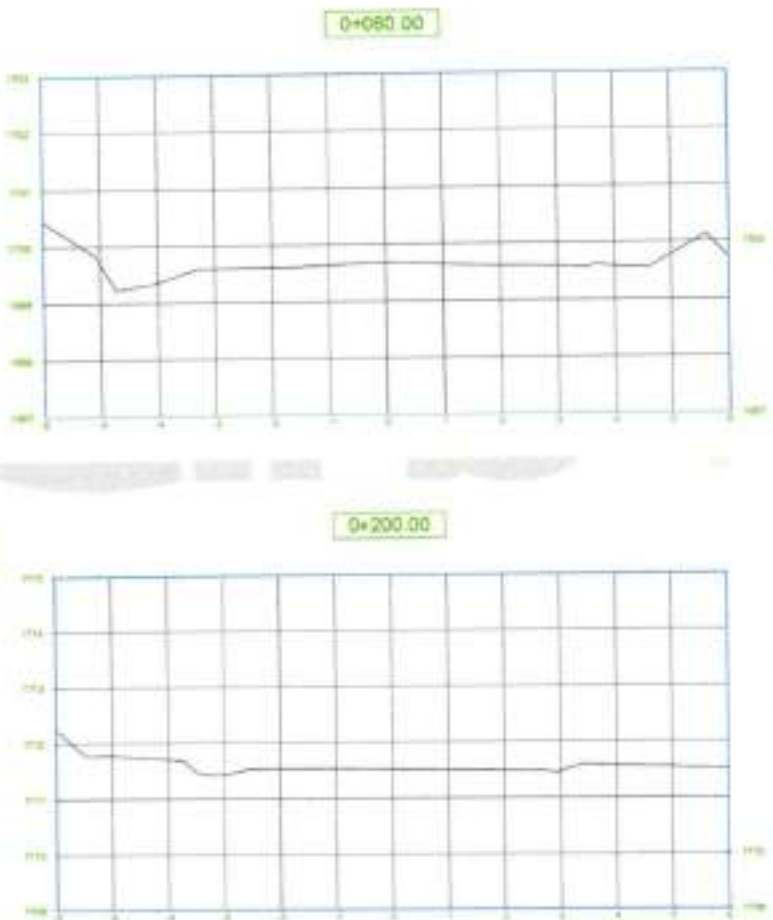
En la imagen se aprecia el resultado del levantamiento topográfico, el cual dio como resultado una longitud de 522.99 m.

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En la imagen se aprecia el perfil longitudinal obtenido del levantamiento topográfico, el cual presenta un desnivel total de 60 m.



Secciónes transversal es K0+060 – K0+200

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6. CONCLUSIONES

- La vía levantada tiene una pendiente media en la mayoría del tramo medido.
- En general la señal de radio y de los satélites GNSS, fue estable y estuvo dentro de los márgenes de precisión para este tipo de levantamientos topográficos.

Cordialmente;

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7. COORDENADAS PLANAS DE GAUSS

LEVANTAMIENTO TOPOGRAFICO TRAMO CALLE 6 CON CARRERA 7 A ALTO DE SANTA BARBARA.

PUNTO	NORTE	ESTE	ELEVACION	CODIGO
1	1053238,604	1079402,216	1711,584	GPS1
3	1053222,102	1079403,633	1712,982	PN
4	1053222,053	1079403,644	1712,735	VIA
5	1053221,683	1079406,734	1712,728	EJE
6	1053221,610	1079408,994	1712,654	VIA
7	1053221,472	1079409,707	1712,632	PN
8	1053221,089	1079411,624	1713,131	PN
9	1053210,917	1079410,454	1714,619	POSTE AL
10	1053210,706	1079408,700	1713,729	PN
11	1053210,841	1079408,169	1713,494	PN
12	1053210,776	1079407,200	1713,653	VIA
13	1053210,828	1079405,165	1713,711	EJE
14	1053210,838	1079402,902	1713,700	VIA
15	1053210,817	1079402,576	1714,134	CERCA
16	1053201,432	1079402,030	1714,526	CERCA
17	1053201,480	1079402,194	1714,542	PN
18	1053201,509	1079402,365	1714,228	VIA
19	1053201,990	1079405,085	1714,144	EJE
20	1053202,475	1079407,088	1714,043	VIA
21	1053202,542	1079407,933	1713,946	PN
22	1053202,626	1079409,074	1715,157	PN
23	1053192,040	1079410,961	1715,947	PN
24	1053191,693	1079409,802	1714,596	PN
25	1053191,728	1079409,042	1714,620	VIA
26	1053191,219	1079407,324	1714,738	EJE
27	1053190,585	1079405,242	1714,888	VIA
28	1053190,346	1079404,595	1714,940	PN
29	1053190,335	1079404,377	1715,063	PN
30	1053190,236	1079404,152	1715,133	CERCA
31	1053180,321	1079406,057	1713,686	CERCA
32	1053180,820	1079407,098	1714,188	PN
33	1053181,301	1079408,197	1714,847	PN
34	1053181,486	1079408,969	1715,014	VIA
35	1053182,016	1079410,638	1715,035	EJE
36	1053182,752	1079412,715	1715,091	VIA
37	1053183,022	1079413,886	1716,345	PN
38	1053172,973	1079418,014	1717,145	CERCA
39	1053172,667	1079416,937	1716,955	PN
40	1053172,296	1079415,836	1715,749	PN
41	1053172,079	1079415,565	1715,279	VIA
42	1053171,530	1079413,091	1715,375	EJE
43	1053171,117	1079411,504	1715,300	VIA
44	1053170,847	1079410,560	1715,050	PN

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45	1053109,486	1079409,188	1713,360	CERCA
46	1053158,124	1079411,554	1716,128	CERCA
47	1053158,177	1079412,426	1715,866	PN
48	1053158,445	1079415,030	1715,736	EJE
49	1053158,895	1079417,266	1715,586	VIA
50	1053158,749	1079417,993	1715,949	PN
51	1053159,110	1079418,708	1716,503	PN
52	1053140,916	1079416,936	1716,718	POSTE
53	1053140,578	1079416,692	1716,484	CERCA
54	1053140,721	1079417,532	1716,282	VIA
55	1053141,011	1079419,678	1716,376	EJE
56	1053141,454	1079421,650	1716,522	VIA
57	1053141,391	1079422,877	1716,278	PN
58	1053128,839	1079419,667	1716,924	CERCA
59	1053128,957	1079420,163	1716,791	VIA
60	1053129,250	1079422,542	1716,801	EJE
61	1053129,454	1079424,092	1716,722	VIA
62	1053129,863	1079426,517	1716,850	CERCA
63	1053114,318	1079425,875	1717,290	CERCA
64	1053114,481	1079426,621	1717,186	VIA
65	1053114,838	1079428,496	1717,141	EJE
66	1053115,201	1079429,621	1717,095	VIA
67	1053115,538	1079430,730	1716,944	PN
68	1053115,715	1079431,107	1717,542	CERCA
69	1053108,325	1079433,214	1717,929	CERCA
70	1053108,331	1079432,535	1717,253	PN
71	1053108,224	1079431,759	1717,448	VIA
72	1053107,965	1079430,357	1717,454	EJE
73	1053107,656	1079428,962	1717,394	VIA
74	1053107,741	1079428,461	1717,828	CERCA
75	1053100,288	1079427,837	1718,693	CERCA
76	1053099,839	1079429,029	1718,133	VIA
77	1053099,356	1079431,141	1718,179	EJE
78	1053099,149	1079433,152	1718,427	VIA
79	1053099,280	1079434,716	1718,198	PN
80	1053099,685	1079435,048	1718,679	CERCA
81	1053089,710	1079434,366	1719,673	CERCA
82	1053090,158	1079433,614	1719,276	PN
83	1053090,559	1079431,725	1719,170	VIA
84	1053091,651	1079429,505	1719,014	EJE
85	1053092,650	1079427,604	1718,934	VIA
86	1053092,914	1079426,586	1719,384	PN
87	1053093,262	1079425,079	1719,358	CERCA
88	1053086,408	1079420,400	1719,877	CERCA
89	1053085,754	1079420,840	1720,377	PN
90	1053085,093	1079421,329	1720,255	PN
91	1053085,076	1079421,462	1719,907	VIA
92	1053082,877	1079423,497	1719,978	EJE
93	1053081,428	1079424,714	1720,158	VIA
94	1053080,391	1079425,951	1720,108	PN
95	1053079,638	1079426,241	1720,663	CERCA
96	1053079,436	1079427,198	1720,845	POSTE
97	1053074,216	1079414,688	1721,457	CERCA
98	1053074,987	1079414,544	1720,688	PN
99	1053075,740	1079414,001	1720,755	VIA
100	1053077,131	1079413,174	1720,760	EJE
101	1053078,623	1079411,988	1720,742	VIA
102	1053079,335	1079411,867	1721,399	PN
103	1053080,469	1079410,997	1721,398	CERCA
104	1053079,133	1079408,062	1721,462	PORTON

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105	1053076,726	1079404,176	1721,722	PORTON
106	1053069,727	1079390,275	1723,071	CERCA
107	1053068,849	1079390,432	1722,902	PN
108	1053068,797	1079390,414	1722,533	VIA
109	1053066,403	1079390,819	1722,506	EJE
110	1053064,997	1079391,722	1722,532	VIA
111	1053064,303	1079392,251	1722,299	PN
112	1053063,911	1079392,635	1722,594	CERCA
113	1053056,379	1079376,788	1724,038	CERCA
114	1053057,331	1079376,249	1723,281	PN
115	1053057,376	1079376,293	1723,296	VIA
116	1053058,027	1079375,870	1723,371	VIA
117	1053059,263	1079375,016	1723,304	EJE
118	1053060,883	1079374,472	1723,331	VIA
119	1053061,223	1079374,229	1723,799	PN
120	1053061,852	1079373,728	1723,822	CERCA
121	1053055,647	1079362,249	1724,102	CERCA
122	1053055,534	1079362,187	1723,788	PN
123	1053054,530	1079362,280	1723,831	VIA
124	1053052,887	1079362,722	1723,829	EJE
125	1053051,204	1079363,334	1723,934	VIA
126	1053050,444	1079363,899	1723,868	PN
127	1053049,548	1079364,251	1724,667	CERCA
128	1053045,042	1079355,603	1725,024	CERCA
129	1053045,779	1079354,905	1724,482	PN
130	1053046,256	1079354,336	1724,588	VIA
131	1053047,780	1079351,248	1724,531	EJE
132	1053049,481	1079352,231	1724,511	VIA
133	1053049,644	1079351,778	1724,897	CERCA
134	1053042,145	1079338,974	1726,166	CERCA
135	1053040,707	1079340,629	1725,873	PN
136	1053040,529	1079340,720	1725,581	PN
137	1053038,982	1079342,430	1725,458	EJE
138	1053037,825	1079343,518	1725,350	VIA
139	1053037,163	1079344,157	1725,195	PN
140	1053036,995	1079344,139	1725,503	PN
141	1053036,743	1079344,679	1725,768	CERCA
142	1053028,567	1079331,149	1726,601	CERCA
143	1053028,161	1079331,935	1726,523	PN
144	1053028,031	1079332,183	1726,143	PN
145	1053027,719	1079333,027	1726,049	VIA
146	1053026,686	1079334,105	1725,999	EJE
147	1053025,981	1079335,299	1725,928	VIA
148	1053025,524	1079336,278	1725,900	PN
149	1053025,253	1079336,433	1726,224	PN
150	1053025,233	1079336,650	1726,567	CERCA
151	1053015,732	1079332,243	1727,025	CERCA
152	1053015,935	1079331,775	1726,556	PN
153	1053015,980	1079330,701	1726,767	VIA
154	1053016,209	1079329,081	1726,776	EJE
155	1053016,581	1079326,638	1728,451	CERCA
156	1053002,649	1079323,670	1726,331	CAJA
157	1053003,235	1079322,490	1725,844	CAJA
158	1053001,668	1079321,737	1725,622	CAJA
159	1053001,139	1079322,955	1726,201	CAJA
160	1053002,441	1079324,269	1726,169	VIA
161	1053001,561	1079326,599	1727,196	EJE
162	1053000,936	1079327,997	1727,184	VIA
163	1053000,813	1079328,650	1727,115	PN
164	1053000,717	1079329,206	1727,608	PN

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165	1052991,141	1079317,423	1727,889	CERCA
166	1052990,666	1079318,398	1728,288	PN
167	1052990,165	1079319,488	1727,825	VIA
168	1052989,440	1079321,292	1727,890	EJE
169	1052989,056	1079322,802	1727,888	VIA
170	1052988,398	1079323,491	1727,855	PN
171	1052988,386	1079323,913	1728,861	PN
172	1052969,131	1079316,935	1729,524	PN
173	1052969,562	1079316,186	1728,968	PN
174	1052969,550	1079315,895	1728,718	VIA
175	1052969,086	1079314,989	1728,857	EJE
176	1052970,269	1079313,288	1728,878	VIA
177	1052970,788	1079311,365	1728,842	PN
178	1052970,838	1079310,965	1729,170	PN
179	1052970,946	1079310,124	1729,146	CERCA
180	1052951,774	1079302,705	1730,344	CERCA
181	1052951,468	1079303,839	1730,317	PN
182	1052951,003	1079304,058	1730,123	PN
183	1052950,757	1079304,980	1730,026	VIA
184	1052950,028	1079306,295	1730,138	EJE
185	1052949,061	1079307,857	1730,209	VIA
186	1052948,423	1079309,040	1730,452	CERCA
187	1052929,915	1079302,691	1732,277	CERCA
188	1052929,957	1079301,972	1731,782	PN
189	1052930,082	1079301,715	1731,297	PN
190	1052930,493	1079300,824	1731,395	VIA
191	1052931,126	1079298,942	1731,470	EJE
192	1052931,261	1079297,480	1731,512	VIA
193	1052931,349	1079296,936	1731,813	PN
194	1052932,444	1079295,345	1732,218	CERCA
195	1052920,908	1079289,601	1733,388	CERCA
196	1052920,283	1079291,175	1732,670	PN
197	1052920,282	1079291,390	1732,461	PN
198	1052919,486	1079292,382	1732,395	VIA
199	1052918,519	1079293,865	1732,492	EJE
200	1052917,639	1079295,439	1732,447	VIA
201	1052917,434	1079295,819	1732,451	PN
202	1052917,193	1079296,101	1732,734	PN
203	1052916,312	1079298,262	1733,184	CERCA
204	1052904,905	1079291,844	1734,955	CERCA
205	1052906,924	1079289,413	1733,666	PN
206	1052907,790	1079288,213	1733,103	PN
207	1052908,298	1079287,529	1733,176	VIA
208	1052909,484	1079286,625	1733,159	EJE
209	1052910,997	1079285,114	1733,179	VIA
210	1052911,423	1079284,468	1733,643	PN
211	1052911,663	1079282,592	1733,906	CERCA
212	1052894,717	1079263,697	1734,871	CERCA
213	1052893,954	1079264,145	1735,062	PN
214	1052893,687	1079264,378	1734,760	PN
215	1052891,984	1079266,249	1734,780	EJE
216	1052890,683	1079267,025	1734,712	VIA
217	1052890,087	1079267,380	1734,960	PN
218	1052888,323	1079269,123	1735,674	PN
219	1052887,172	1079270,195	1736,110	CERCA
220	1052884,242	1079251,983	1736,010	CASA
221	1052883,373	1079252,598	1736,033	PN
222	1052882,816	1079252,733	1735,755	VIA
223	1052881,236	1079253,942	1735,770	EJE
224	1052879,616	1079255,249	1735,615	VIA

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