

Sample ID	Failure criteria				P	Ca	Ca/(P*2.15)	Sr	Y	La
	Negative value for P or Ca	Ca/P ratio far from apatite	Analytical error for Lu>25%	Total number of failures						
Shiphead 1.1	0	1	0	1 *	27558	78391	1.32	28.7	253.4	157.5
Shiphead 1.2	0	0	0	0	45914	107050	1.08	138.9	89.7	266.6
Shiphead 1.3	0	1	1	2 **	7245	74034	4.75	41.2	9.9	29.9
Shiphead 1.4	0	1	0	1 *	44114	142596	1.50	119.8	408.1	242.0
Shiphead 1.5	0	0	0	0	61424	133418	1.01	147.6	81.4	372.9
Shiphead 1.6	0	1	0	1 *	3144	17049	2.52	15.5	123.0	50.4
Shiphead 1.7	1	1	1	3 ***	-384	2705	-3.28	4.5	0.1	0.2
Shiphead 1.8	0	1	1	2 **	5907	57151	4.50	9.9	43.8	22.9
Shiphead 1.9	0	1	1	2 **	630	113695	83.96	100.7	19.3	50.6
Shiphead 1.10	0	1	1	2 **	16185	81998	2.36	51.8	18.1	49.4
Shiphead 1.11	0	0	0	0	38448	77755	0.94	27.8	557.0	74.8
Shiphead 1.12	0	0	1	1 *	41336	89439	1.01	70.4	46.4	94.6
Shiphead 1.13	0	0	0	0	84277	173689	0.96	149.8	67.2	183.7
Shiphead 1.14	0	1	1	2 **	46364	221991	2.23	82.3	37.8	101.2
Shiphead 1.15	0	0	0	0	32763	68874	0.98	58.4	24.2	67.2
Shiphead 1.16	0	0	0	0	246441	525374	0.99	455.5	200.4	564.8
Shiphead 1.17	0	0	0	0	182334	382274	0.98	259.4	5440.4	1350.1
Shiphead 1.18	0	0	0	0	23384	47672	0.95	35.4	719.7	171.1
Shiphead 1.19	0	0	0	0	61689	130353	0.98	78.8	1541.9	474.2
Shiphead 1.20	0	0	0	0	59983	125069	0.97	110.0	1355.4	558.3
Shiphead 1.21	0	0	0	0	56213	113003	0.93	98.5	1100.7	478.2
Shiphead 1.22	0	0	0	0	40127	88237	1.02	83.6	975.9	391.5
Shiphead 1.23	0	0	0	0	32476	80359	1.15	84.0	1133.7	371.7
Shiphead 1.24	0	0	0	0	86520	178380	0.96	99.4	2412.7	527.8
Shiphead 1.25	0	0	0	0	26111	57904	1.03	42.3	1057.5	218.8
Shiphead 1.26	0	0	0	0	50878	106941	0.98	74.1	1566.9	434.8
Shiphead 1.27	0	0	0	0	66393	152885	1.07	132.0	2122.2	565.9
Shiphead 1.28	0	0	0	0	30560	49424	0.75	57.9	1113.9	288.0
Shiphead 1.29	0	0	0	0	30911	52451	0.79	64.7	905.3	316.0
Shiphead 1.30	0	0	0	0	57383	107987	0.88	88.4	981.5	430.8
Shiphead 1.31	0	0	0	0	59353	107971	0.85	110.3	1336.9	575.4
Shiphead 1.32	0	1	0	1 *	20171	26760	0.62	31.2	349.6	143.6
Shiphead 1.33	0	1	0	1 *	28441	43941	0.72	64.5	894.8	280.4
Shiphead 1.34	0	0	0	0	38485	85833	1.04	42.4	887.5	261.9
Shiphead 1.35	0	0	0	0	35742	62626	0.81	59.1	1096.8	316.2
Shiphead 1.36	0	1	0	1 *	30282	47207	0.73	39.9	949.9	222.3
Shiphead 4.1	0	0	0	0	27556	61274	1.03	40.9	209.4	173.8
Shiphead 4.2	0	1	1	2 **	881	10468	5.53	3.1	0.7	2.5
Shiphead 4.3	0	0	0	0	150593	329382	1.02	128.1	742.4	350.7

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Shiphead 4.4	0	0	0	0	20827	40868	0.91	13.7	194.6	105.0
Shiphead 4.5	0	0	1	1 *	22991	57149	1.16	60.8	14.4	27.3
Shiphead 4.6	0	0	0	0	52252	117035	1.04	68.1	299.3	214.7
Shiphead 4.7	0	0	0	0	26086	52112	0.93	41.0	14.2	31.3
Shiphead 4.8	0	0	0	0	31835	66956	0.98	50.9	19.9	44.3
Shiphead 4.9	0	1	0	1 *	12415	37844	1.42	13.0	58.1	31.4
Shiphead 4.10	0	0	1	1 *	12412	28546	1.07	18.3	7.2	14.5
Shiphead 4.11	0	0	0	0	70029	174079	1.16	121.4	81.8	102.9
Shiphead 4.12	0	0	0	0	29373	72708	1.15	62.6	19.6	36.5
Shiphead 4.13	0	0	0	0	43678	111719	1.19	91.9	31.8	61.2
Shiphead 4.14	0	1	0	1 *	17356	48077	1.29	39.0	14.9	28.4
Shiphead 4.15	0	1	1	2 **	23518	85419	1.69	61.6	19.9	40.3
Shiphead 4.16	0	0	1	1 *	20023	53343	1.24	42.8	16.0	32.5
Shiphead 4.17	0	1	1	2 **	6841	27232	1.85	23.3	8.8	17.5
Shiphead 4.18	0	1	0	1 *	32871	106715	1.51	104.2	182.9	229.2
Shiphead 4.19	1	1	1	3 ***	-6976	6994	-0.47	8.6	2.4	0.2
Shiphead 4.20	0	1	0	1 *	19625	71120	1.69	231.8	214.8	127.2
Shiphead 4.21	0	0	0	0	323832	654715	0.94	450.0	3738.7	2157.9
Shiphead 4.22	0	0	0	0	479011	958287	0.93	700.4	5375.9	3063.2
Shiphead 4.23	0	0	0	0	314469	655068	0.97	444.2	3501.1	2002.6
Shiphead 4.24	0	0	0	0	457745	927366	0.94	540.0	4672.9	2632.9
Shiphead 4.25	0	0	0	0	292047	612934	0.98	444.7	3613.5	2083.7
Shiphead 4.26	0	0	0	0	45884	104907	1.06	66.1	498.0	223.4
Shiphead 4.27	0	0	0	0	180898	367484	0.94	283.6	2261.8	1327.5
Shiphead 4.28	0	0	0	0	82302	167011	0.94	126.3	1096.9	629.8
Shiphead 4.29	0	0	0	0	100584	203750	0.94	145.1	1212.8	691.5
Shiphead 4.30	0	0	0	0	272832	568016	0.97	475.5	3828.2	2210.7
Shiphead 4.31	0	0	0	0	681224	1460078	1.00	899.2	7111.5	4231.6
Shiphead 4.32	0	0	0	0	514930	1106951	1.00	680.4	5573.9	3152.9
Shiphead 4.33	0	0	0	0	151360	325133	1.00	301.0	2200.5	1460.9
Shiphead 4.34	0	0	0	0	32952	55161	0.78	74.7	502.1	344.8
Shiphead 4.35	0	0	0	0	75680	147649	0.91	133.2	982.1	607.2
Shiphead 4.36	0	0	0	0	101252	244752	1.12	389.6	3045.6	2183.0
Shiphead 4.37	0	0	0	0	62325	117085	0.87	97.6	798.4	502.3
Shiphead 4.38	0	0	0	0	264681	557237	0.98	415.8	3302.1	2020.7
Shiphead 4.39	0	0	0	0	340336	720541	0.98	470.4	3792.5	2185.2
Shiphead 4.40	0	0	0	0	289738	618243	0.99	378.4	3178.8	1885.1
Shiphead 5.1	0	1	0	1 *	20730	76569	1.72	53.7	373.1	245.5
Shiphead 5.2	0	1	0	1 *	15050	107540	3.32	46.2	237.6	146.7
Shiphead 5.3	0	1	0	1 *	16742	46707	1.30	36.8	166.5	113.4
Shiphead 5.4	0	1	0	1 *	24541	73707	1.40	111.2	459.3	292.4
Shiphead 5.5	0	1	0	1 *	38823	120791	1.45	54.5	442.6	285.6
Shiphead 5.6	0	1	0	1 *	37263	112949	1.41	57.2	407.1	254.2
Shiphead 5.7	0	1	0	1 *	16518	89573	2.52	41.6	337.9	185.3
Shiphead 5.8	0	0	0	0	30587	80766	1.23	56.0	119.2	85.9
Shiphead 5.9	0	1	0	1 *	32583	93434	1.33	69.3	484.8	294.9
Shiphead 5.10	0	1	0	1 *	59305	160669	1.26	194.7	95.1	107.6
Shiphead 5.11	0	0	0	0	30542	70103	1.07	96.0	76.3	80.3
Shiphead 5.12	0	0	0	0	27278	68321	1.16	30.6	315.5	192.5

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Shiphead 5.13	0	0	0	0	21217	42272	0.93	37.2	54.9	93.8
Shiphead 5.14	0	1	0	1 *	21862	84050	1.79	80.6	239.2	150.3
Shiphead 5.15	0	1	0	1 *	21935	70886	1.50	48.8	328.6	201.8
Shiphead 5.16	0	0	0	0	28654	61892	1.00	34.9	192.0	100.7
Shiphead 5.17	0	0	0	0	21311	55131	1.20	49.1	270.6	167.9
Shiphead 5.18	0	1	0	1 *	23423	68239	1.36	58.3	275.8	155.6
Shiphead 5.19	1	1	1	3 ***	-2134	9471	-2.06	11.9	2.2	1.7
Shiphead 5.20	0	1	0	1 *	34146	95826	1.31	62.8	368.5	225.1
Shiphead 5.21	0	0	0	0	42126	92559	1.02	59.3	856.5	465.3
Shiphead 5.22	0	0	0	0	77335	164488	0.99	68.7	1046.8	612.2
Shiphead 5.23	0	0	0	0	27089	55299	0.95	27.2	464.1	254.9
Shiphead 5.24	0	0	0	0	53246	109037	0.95	49.1	1212.8	665.4
Shiphead 5.25	0	0	0	0	40656	92565	1.06	44.2	838.8	477.6
Shiphead 5.26	0	0	0	0	66428	139359	0.98	59.3	1277.8	718.6
Shiphead 5.27	0	0	0	0	18844	34831	0.86	16.4	287.4	168.8
Shiphead 5.28	0	0	0	0	36610	74387	0.95	30.8	946.3	504.1
Shiphead 5.29	0	0	0	0	38633	87128	1.05	59.7	668.3	409.3
Shiphead 5.30	0	0	0	0	32376	68608	0.99	34.5	551.5	314.5
Shiphead 5.31	0	0	0	0	32395	61889	0.89	30.9	520.3	286.0
Shiphead 5.32	0	0	0	0	31722	54171	0.79	28.3	802.4	429.7
Shiphead 5.33	0	0	0	0	22425	40584	0.84	18.1	369.6	204.8
Shiphead 5.34	0	0	0	0	21613	36073	0.78	18.6	287.4	164.9
Shiphead 5.35	0	0	0	0	36524	79208	1.01	42.7	803.2	432.1
Shiphead 5.36	0	0	0	0	37604	71392	0.88	33.5	489.0	273.6
Shiphead 5.37	0	0	0	0	25737	46679	0.84	25.1	479.7	266.6
Shiphead 5.38	0	0	0	0	37779	76176	0.94	55.0	794.2	440.6
Shiphead 5.39	0	0	0	0	25089	40960	0.76	19.2	370.4	215.0
Shiphead 5.40	0	0	0	0	29398	51607	0.82	27.2	562.4	309.6
Shiphead 6A.1	0	0	0	0	26123	49269	0.88	30.6	433.7	179.0
Shiphead 6A.2	0	0	0	0	27179	64609	1.11	35.2	454.8	118.5
Shiphead 6A.3	0	0	0	0	66137	147118	1.03	34.1	1635.7	261.3
Shiphead 6A.4	0	0	0	0	27083	54726	0.94	9.3	678.8	88.9
Shiphead 6A.5	1	1	1	3 ***	-1600	14680	-4.27	15.7	2.1	1.1
Shiphead 6A.6	0	0	0	0	105159	242309	1.07	359.9	1491.4	315.3
Shiphead 6A.7	0	0	0	0	11237	27271	1.13	6.9	347.1	44.0
Shiphead 6A.8	0	0	0	0	27503	53834	0.91	18.4	475.3	122.5
Shiphead 6A.9	0	1	0	1 *	12342	36737	1.38	78.1	185.9	39.4
Shiphead 6A.10	0	0	0	0	31169	63545	0.95	54.9	1099.2	299.6
Shiphead 6A.11	0	0	0	0	22395	51876	1.08	10.3	392.5	102.7
Shiphead 6A.12	0	0	0	0	15462	37157	1.12	6.9	364.5	72.2
Shiphead 6A.13	0	0	0	0	80708	161091	0.93	55.3	1283.7	169.7
Shiphead 6A.14	0	0	0	0	83633	170822	0.95	128.4	1711.5	766.6
Shiphead 6A.15	0	0	0	0	61368	121618	0.92	24.7	694.8	217.0
Shiphead 6A.16	0	0	0	0	40354	79948	0.92	11.0	655.0	169.9
Shiphead 6A.17	0	0	0	0	21303	39595	0.86	14.3	635.7	82.2
Shiphead 6A.18	0	0	0	0	51657	98197	0.88	25.6	564.3	248.6
Shiphead 6A.19	0	0	0	0	11791	21798	0.86	5.7	259.5	57.5
Shiphead 6A.20	0	0	0	0	32314	62479	0.90	9.8	539.1	142.8
Shiphead 6A.21	0	0	0	0	39555	73441	0.86	10.2	581.9	158.7

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Shiphead 6A.22	1	1	1	3 ***	-401	-3562	4.13	-0.3	0.2	-0.1
Shiphead 6A.23	0	0	0	0	44182	77916	0.82	32.0	426.0	237.0
Shiphead 6A.24	0	0	0	0	30429	53464	0.82	44.0	1087.0	287.9
Shiphead 6A.25	0	1	0	1 *	18353	28308	0.72	24.3	565.8	67.4
Shiphead 6A.26	0	1	0	1 *	26605	41408	0.72	9.7	807.1	100.4
Shiphead 6A.27	0	1	0	1 *	28672	45891	0.74	11.9	328.8	119.3
Shiphead 6A.28	0	1	0	1 *	32386	49921	0.72	2.9	512.8	135.1
Shiphead 6A.29	0	0	0	0	57547	109002	0.88	14.1	1162.8	227.4
Shiphead 6A.30	0	0	0	0	60669	112399	0.86	19.9	821.2	260.8
Shiphead 6A.31	0	0	0	0	50033	87244	0.81	9.9	731.0	217.1
Shiphead 6A.32	0	0	0	0	29963	59121	0.92	29.8	945.8	112.6
Shiphead 6C.1	0	0	0	0	43732	88339	0.94	61.4	496.0	161.7
Shiphead 6C.2	0	0	0	0	21216	50861	1.11	46.8	660.1	188.6
Shiphead 6C.3	0	1	0	1 *	24417	397975	7.58	104.5	712.2	288.2
Shiphead 6C.4	0	0	0	0	10309	19034	0.86	6.3	143.2	48.8
Shiphead 6C.5	0	0	0	0	14035	35298	1.17	20.7	218.1	96.1
Shiphead 6C.6	0	0	0	0	11589	26157	1.05	8.3	212.0	60.7
Shiphead 6C.7	0	0	0	0	16577	33840	0.95	16.3	300.8	122.3
Shiphead 6C.8	0	1	1	2 **	1282	1017	0.37	1.7	0.1	0.1
Shiphead 6C.9	0	0	0	0	13143	32068	1.13	27.8	341.4	95.6
Shiphead 6C.10	0	0	0	0	18393	38623	0.98	20.3	230.6	108.8
Shiphead 6C.11	0	0	0	0	15355	32918	1.00	21.2	325.5	137.9
Shiphead 6D.1	0	0	0	0	12993	33224	1.19	37.5	358.4	193.5
Shiphead 6D.2	0	0	0	0	20998	50473	1.12	35.9	654.1	249.7
Shiphead 6D.3	0	1	0	1 *	5037	26755	2.47	36.8	436.9	147.9
Shiphead 6D.4	0	0	0	0	13614	36384	1.24	34.2	591.8	189.0
Shiphead 6D.5	0	1	0	1 *	6326	22114	1.63	25.0	347.1	94.8
Shiphead 6D.6	0	0	0	0	34863	82530	1.10	51.1	1088.0	329.6
Shiphead 6D.7	0	0	0	0	35258	66538	0.88	157.9	754.9	298.4
Shiphead 6D.8	0	0	0	0	23699	51836	1.02	36.1	261.8	156.4
Shiphead 6D.9	0	0	0	0	11851	29614	1.16	21.4	475.5	151.2
Shiphead 6D.10	0	0	0	0	17977	35071	0.91	20.9	333.2	118.4
Shiphead 6D.11	0	0	0	0	10157	19698	0.90	14.4	237.1	66.8
Shiphead 6E.1	0	1	0	1 *	14617	40360	1.28	44.8	523.5	130.1
Shiphead 6E.2	1	1	0	2 **	-2667	10549	-1.84	14.5	133.5	37.8
Shiphead 6E.3	0	1	0	1 *	11125	32509	1.36	29.4	335.2	95.0
Shiphead 6E.4	0	0	0	0	20236	38065	0.87	34.9	335.9	95.7
Shiphead 6E.5	0	0	0	0	10579	21435	0.94	19.6	143.6	57.1
Shiphead 6E.6	0	0	0	0	9950	18442	0.86	21.7	300.4	72.1
Shiphead 6E.7	0	1	0	1 *	5913	19941	1.57	13.2	236.5	65.1
Shiphead 6E.8	0	0	0	0	11886	23238	0.91	18.8	410.3	130.7
Shiphead 6E.9	0	0	0	0	18106	40708	1.05	25.2	248.1	91.9
Shiphead 6E.10	0	0	0	0	8714	20638	1.10	22.0	325.9	75.6
Shiphead 6E.11	1	1	1	3 ***	-946	1405	-0.69	-1.7	0.0	0.0
Shiphead 6E.12	0	0	0	0	9874	17207	0.81	30.9	183.9	66.6

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Shiphead 6F.1	0	1	0	1 *	9985	11045	0.51	10.0	111.1	26.7
Shiphead 6F.2	0	1	0	1 *	4770	20637	2.01	26.4	221.2	84.4
Shiphead 6F.3	0	0	0	0	7499	15804	0.98	16.7	252.8	76.4
Shiphead 6F.4	1	1	1	3 ***	248	-4059	-7.61	-1.2	0.1	0.1
Shiphead 6F.5	1	1	1	3 ***	-178	-3801	9.94	-1.2	2.9	-0.1
Shiphead 6F.6	0	0	0	0	9965	23889	1.12	13.4	286.4	125.0
Shiphead 6F.7	1	1	1	3 ***	-4506	-2168	0.22	3.2	1.6	2.4
Shiphead 6K.1	0	0	0	0	40806	89386	1.02	35.9	648.0	297.9
Shiphead 6K.2	1	1	1	3 ***	-1280	35931	-13.06	28.4	6.1	1.8
Shiphead 6K.3	1	1	1	3 ***	-2988	-238	0.04	2.4	0.5	1.2
Shiphead 6K.4	0	0	0	0	31463	65027	0.96	51.1	659.6	292.6
Shiphead 6K.5	1	1	1	3 ***	-1905	-2939	0.72	0.4	0.2	0.2
Shiphead 6K.6	0	0	0	0	19773	53033	1.25	47.0	487.2	141.3
Shiphead 6K.7	0	0	0	0	33569	72876	1.01	53.4	467.4	134.2
Shiphead 6K.8	0	0	1	1 *	3050	5916	0.90	21.3	11.8	17.3
Shiphead 6K.9	0	1	1	2 **	782	2611	1.55	4.8	0.9	0.6
Shiphead 7.1	1	1	1	3 ***	-4608	521	-0.05	5.7	0.4	0.1
Shiphead 7.2	0	0	0	0	11657	27007	1.08	13.1	168.2	94.9
Shiphead 7.3	1	1	1	3 ***	2621	-1515	-0.27	7.3	5.3	1.6
Shiphead 7.4	0	1	0	1 *	3241	23405	3.36	27.5	10.6	8.3
Shiphead 7.5	1	0	1	2 **	-344	710	1.23	5.5	1.3	0.7
Shiphead 7.6	0	1	0	1 *	2647	30819	1.33	49.0	61.0	31.2
Shiphead 7.7	1	1	1	3 ***	157	-1972	1.26	5.3	0.1	0.8
Shiphead 7.8	0	0	1	1 *	1173	5045	1.07	25.0	0.8	1.8
Shiphead 7.9	0	0	0	0	75227	157206	0.97	108.0	1999.8	468.8
Shiphead 7.10	0	0	0	0	33296	66577	0.93	52.5	789.0	166.3
Shiphead 7.11	0	0	0	0	86912	178397	0.95	109.3	1548.1	449.8
Shiphead 7.12	0	0	0	0	28836	62675	1.01	40.6	748.0	162.3
Shiphead 7.13	0	0	0	0	16965	34079	0.93	33.3	528.4	149.1
Shiphead 7.14	0	0	0	0	26662	53511	0.93	47.4	798.2	205.0
Shiphead 7.15	0	0	0	0	38379	78988	0.96	61.9	1070.7	262.5
Shiphead 7.16	0	0	0	0	60139	128757	1.00	84.4	1627.4	352.3
Shiphead 7.17	0	0	0	0	20448	43623	0.99	34.6	584.7	161.6
Shiphead 7.18	0	0	0	0	22904	49768	1.01	40.3	698.0	169.7
Shiphead 7.19	0	0	0	0	40597	79816	0.91	55.7	1058.4	233.9
Shiphead 7.20	0	0	0	0	20729	34146	0.77	51.2	766.0	245.3
Shiphead 7.21	0	0	0	0	36443	67110	0.86	60.1	1061.1	276.3
Shiphead 7.22	0	1	0	1 *	20206	30388	0.70	30.8	454.8	179.3
Shiphead 7.23	0	1	0	1 *	27622	43983	0.74	58.5	277.3	242.3
Shiphead 7.24	0	1	0	1 *	23455	34752	0.69	32.7	645.7	145.9
Shiphead 7.25	0	1	0	1 *	12124	41130	1.58	46.6	519.3	174.1
Shiphead 7.26	0	0	0	0	29428	52596	0.83	54.5	949.2	236.1
Shiphead 7.27	0	1	0	1 *	9267	5550	0.28	21.2	340.6	103.2
Shiphead 7.28	1	1	1	3 ***	-157	-15932	47.19	-1.7	0.0	0.1

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Shiphead 8.1	0	1	0	1 *	5281	7259	0.64	3.4	56.2	34.4
Shiphead 8.2	0	1	0	1 *	1863	781	0.19	0.9	21.2	12.7
Shiphead 8.3	0	1	0	1 *	3429	4210	0.57	2.7	31.7	20.1
Shiphead 8.4	1	1	0	2 **	1293	-257	-0.09	0.6	19.0	10.9
Shiphead 8.5	0	1	0	1 *	1752	633	0.17	0.9	27.6	16.7
Shiphead 8.6	0	1	0	1 *	2438	2034	0.39	1.3	23.0	14.4
Shiphead 8.7	0	1	0	1 *	3671	4466	0.57	2.6	46.0	27.0
Shiphead 8.8	0	1	0	1 *	3463	3872	0.52	2.8	34.0	20.8
Shiphead 8.9	0	1	0	1 *	3719	4313	0.54	2.7	38.8	24.2
Shiphead 8.10	0	1	0	1 *	4364	6471	0.69	4.3	49.7	29.8
Shiphead 8.11	0	1	0	1 *	3415	3372	0.46	1.6	28.3	16.9
Shiphead 8.12	0	1	0	1 *	3230	3287	0.47	2.4	31.8	18.4
Shiphead 8.13	0	1	0	1 *	3064	3018	0.46	2.1	39.0	22.5
Shiphead 8.14	0	1	0	1 *	1618	347	0.10	0.9	20.6	11.9
Shiphead 8.15	0	1	0	1 *	3498	3279	0.44	1.5	36.4	20.3
Shiphead 8.16	0	1	0	1 *	1449	261	0.08	0.4	17.6	10.9
Shiphead 8.17	0	1	0	1 *	2480	1952	0.37	1.4	22.3	13.9
Shiphead 8.18	0	1	0	1 *	2221	1601	0.34	1.5	25.5	16.4
Shiphead 8.19	0	1	0	1 *	2336	1711	0.34	0.4	41.5	22.8
Shiphead 8.20	0	1	0	1 *	4546	5371	0.55	2.6	45.2	26.4
Shiphead 8.21	0	0	0	0	127756	276238	1.01	107.6	1250.8	757.4
Shiphead 8.22	0	0	0	0	36069	80870	1.04	47.7	397.3	229.0
Shiphead 8.23	0	0	0	0	31092	81218	1.21	35.4	345.3	196.8
Shiphead 8.24	0	0	0	0	16363	42099	1.20	22.8	272.7	154.4
Shiphead 8.25	0	0	0	0	38259	84118	1.02	37.8	377.2	211.9
Shiphead 8.26	0	0	0	0	64015	142389	1.03	73.9	874.2	410.7
Shiphead 8.27	0	1	0	1 *	57252	186756	1.52	160.1	535.7	351.1
Shiphead 8.28	0	0	0	0	18701	43000	1.07	21.3	241.9	135.8
Shiphead 8.29	0	0	0	0	49614	109475	1.03	41.1	569.6	351.3
Shiphead 8.30	0	0	0	0	23853	57146	1.11	23.4	299.9	167.5
Shiphead 8.31	0	0	0	0	27051	64145	1.10	24.8	295.0	179.5
Shiphead 8.32	0	1	0	1 *	44742	136923	1.42	80.8	353.8	222.4
Shiphead 8.33	0	0	0	0	19516	49461	1.18	21.7	272.6	156.2
Shiphead 8.34	0	0	0	0	30823	70267	1.06	27.8	307.8	194.1
Shiphead 8.35	0	0	0	0	29813	70751	1.10	30.3	333.5	208.4
Shiphead 8.36	0	0	0	0	53523	119047	1.03	42.7	508.0	302.8
Shiphead 8.37	0	0	0	0	60329	130007	1.00	51.8	529.3	434.1
Shiphead 8.38	0	1	0	1 *	13611	39547	1.35	20.5	235.4	135.7
Shiphead 8.39	0	0	0	0	17650	42969	1.13	13.4	212.4	134.3
Shiphead 8.40	0	1	0	1 *	32536	87503	1.25	34.8	360.9	237.6
Shiphead 9.1	0	1	0	1 *	9319	12808	0.64	15.2	12.5	25.3
Shiphead 9.2	0	1	0	1 *	4691	5988	0.59	6.3	26.6	15.3
Shiphead 9.3	0	1	0	1 *	4246	4705	0.52	2.5	52.1	30.4
Shiphead 9.4	0	1	0	1 *	2190	1977	0.42	3.0	29.9	19.2
Shiphead 9.5	0	1	0	1 **	6531	8372	0.60	9.0	15.5	18.0
Shiphead 9.6	1	1	1	3 ***	-511	-2818	2.56	134.2	0.0	0.0
Shiphead 9.7	0	1	0	1 *	2515	2086	0.39	3.7	7.4	6.2
Shiphead 9.8	0	1	0	1 *	9154	13325	0.68	13.4	19.5	20.2

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Shiphead 9.9	1	1	0	2 **	925	-637	-0.32	0.7	13.5	8.3
Shiphead 9.10	0	1	0	1 *	1894	715	0.18	2.0	1.8	2.4
Shiphead 9.11	0	1	0	1 *	3307	3214	0.45	4.4	8.5	9.8
Shiphead 9.12	1	1	1	3 ***	-238	-2868	5.61	-1.1	0.0	-0.1
Shiphead 9.13	0	1	0	1 *	4109	4927	0.56	5.8	8.9	6.3
Shiphead 9.14	1	1	1	3 ***	-276	-2926	4.93	-1.2	0.2	-0.1
Shiphead 9.15	1	1	1	3 ***	-507	-2940	2.70	-1.1	0.1	-0.1
Shiphead 9.16	0	1	0	1 *	2007	1748	0.41	1.3	24.0	15.2
Shiphead 9.17	1	1	0	2 **	802	-806	-0.47	0.6	14.9	9.3
Shiphead 9.18	1	1	1	3 ***	-506	-2918	2.68	-1.0	0.0	-0.1
Shiphead 9.19	1	1	1	3 ***	-431	-683	0.74	0.4	0.0	0.5
Shiphead 9.20	1	1	0	2 **	945	-514	-0.25	0.7	13.7	8.6
Shiphead 9.21	0	1	0	1 *	9237	41557	2.09	37.3	148.4	93.7
Shiphead 9.22	1	1	0	2 **	-2820	15100	-2.49	31.8	14.6	6.8
Shiphead 9.23	0	1	0	1 *	16887	50393	1.39	42.9	25.2	51.9
Shiphead 9.24	0	1	0	1 *	9221	31848	1.61	22.7	123.4	79.4
Shiphead 9.25	0	1	0	1 *	8028	26500	1.54	12.8	128.8	79.7
Shiphead 9.26	1	1	1	3 ***	-3003	6312	-0.98	1.9	0.2	0.2
Shiphead 9.27	0	0	0	0	21592	57892	1.25	43.3	61.4	48.1
Shiphead 9.28	0	1	0	1 *	1694	16564	4.55	7.2	99.2	14.7
Shiphead 9.29	0	1	0	1 *	2431	111439	21.32	77.3	15.5	33.3
Shiphead 9.30	0	1	0	1 *	6368	38361	2.80	37.6	123.9	82.0
Shiphead 9.31	0	1	1	2 **	598	22201	17.26	15.5	12.2	8.1
Shiphead 9.32	1	1	1	3 ***	-687	-5544	3.75	-0.5	0.2	0.2
Shiphead 9.33	0	0	0	0	16123	34369	0.99	23.8	257.8	87.5
Shiphead 9.34	0	0	0	0	13560	27037	0.93	19.3	146.4	95.8
Shiphead 9.35	0	0	0	0	7628	12386	0.76	17.6	146.7	93.6
Shiphead 9.36	0	1	0	1 *	6693	10254	0.71	5.9	96.8	58.6
Shiphead 9.37	0	0	0	0	11095	19101	0.80	18.0	195.5	74.7
Shiphead 9.38	0	0	0	0	20392	40133	0.92	34.7	386.2	140.1
Shiphead 9.39	0	0	0	0	13681	25128	0.85	29.8	285.4	100.1
Shiphead 9.40	0	0	0	0	19125	39269	0.96	23.7	279.9	168.4
Shiphead 9.41	0	0	0	0	24737	51300	0.96	42.3	485.5	176.5
Shiphead 9.42	0	1	0	1 *	19176	24081	0.58	28.9	226.4	170.6
Shiphead 9.43	0	1	0	1 *	12109	9701	0.37	129.6	374.7	128.2
Shiphead 9.44	1	1	1	3 ***	455	-15292	-15.64	-3.6	0.1	0.1
Shiphead 9.45	1	1	1	3 ***	505	-16096	-14.83	-3.2	0.0	0.1
Shiphead 9.46	0	1	0	1 *	12671	13352	0.49	9.3	159.0	99.3
Shiphead 9.47	0	1	0	1 *	13959	14479	0.48	26.8	276.1	96.5
Shiphead 9.48	0	1	0	1 *	25258	37477	0.69	24.4	245.4	158.2
Shiphead 9.49	1	1	0	2 **	5570	-4632	-0.39	2.3	72.7	46.8
Shiphead 9.50	1	1	0	2 **	6162	-1834	-0.14	6.1	78.7	49.0
Shiphead 9.51	1	1	1	3 ***	733	-15628	-9.92	-3.9	0.0	0.0
Shiphead 9.52	0	0	1	1 *	44179	88833	0.94	68.4	55.9	76.1
Shiphead 9.53	0	1	0	1 *	12625	19181	0.71	19.8	264.5	87.7
Shiphead 9.54	0	1	0	1 *	10497	38457	1.70	14.3	155.3	68.0
Shiphead 9.55	0	0	0	0	16268	27522	0.79	33.6	226.4	113.5
Shiphead 9.56	0	0	0	0	13853	22367	0.75	21.6	187.5	134.9
Shiphead 9.57	0	0	0	0	19190	34606	0.84	23.5	450.0	87.7
Shiphead 9.58	0	0	0	0	40561	74571	0.86	28.5	648.4	120.8
Shiphead 9.59	0	1	0	1 *	16456	26361	0.75	21.2	411.0	80.5

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Shiphead 9.60	0	1	0	1 *	26325	41664	0.74	44.1	609.5	198.7
Shiphead 9.61	0	1	0	1 *	23319	35522	0.71	39.3	437.8	146.9
Shiphead 9.62	0	1	0	1 *	24010	34243	0.66	33.2	432.5	130.7
Shiphead 9.63	0	0	0	0	33599	56418	0.78	44.4	639.1	196.4
Shiphead 9.64	0	1	0	1 *	16117	18609	0.54	25.0	227.3	103.6
Shiphead 9.65	0	1	0	1 *	14570	13314	0.43	18.8	207.0	128.9
Shiphead 9.66	0	1	0	1 *	16331	16089	0.46	28.7	311.2	129.2
Shiphead 9.67	0	1	0	1 *	12820	11115	0.40	27.6	251.5	88.2
Shiphead 9.68	0	0	0	0	6670	11381	0.79	28.6	116.4	39.6
Shiphead 9.69	0	0	0	0	37103	74740	0.94	69.4	598.9	297.2
Shiphead 9.70	0	0	0	0	11430	23695	0.96	37.9	228.8	91.3
Shiphead 9.71	0	1	0	1 *	17744	26481	0.69	20.3	405.1	78.8
Shiphead 9.72	0	1	0	1 *	13394	17418	0.60	15.8	286.1	61.9
Shiphead 9.73	0	0	0	0	19593	34990	0.83	27.9	201.5	124.5
Shiphead 9.74	0	1	0	1 *	13957	20085	0.67	19.1	277.6	118.2
Shiphead 9.75	0	1	1	2 **	9192	8488	0.43	15.4	14.5	31.2
Shiphead 9.76	0	1	0	1 *	14965	23967	0.74	45.1	325.6	69.5
Shiphead 9.77	0	0	0	0	10009	16180	0.75	56.0	227.4	50.6
Shiphead 9.78	0	1	0	1 *	8527	8186	0.45	6.0	146.6	64.8
Shiphead 9.79	1	1	1	3 ***	-111	-8791	36.82	-1.5	0.4	0.2
Shiphead 9.80	0	1	0	1 *	11844	16650	0.65	21.0	166.0	63.8
Shiphead 9.81	0	1	0	1 *	9452	10643	0.52	14.4	214.3	56.4
Shiphead 9.82	0	0	0	0	26526	45739	0.80	38.9	214.1	188.6
Shiphead 9.83	0	1	0	1 *	10722	13320	0.58	13.6	123.2	78.5
Shiphead 9.84	0	1	0	1 *	5482	7774	0.66	8.1	106.1	45.5
Shiphead 9.85	0	1	0	1 *	6406	3748	0.27	5.8	85.9	54.0
Shiphead 9.86	0	1	0	1 *	8270	6429	0.36	9.5	159.6	36.5
Shiphead 9.87	0	1	0	1 *	9871	9535	0.45	15.5	189.5	62.9
Shiphead 9.88	0	1	1	2 **	2814612	18304380	3.02	476.1	326.6	942.9
Shiphead 9.89	0	1	1	2 **	2877892	19066740	3.08	400.3	367.3	1583.7
Shiphead 9.90	0	1	1	2 **	3070589	19201101	2.91	355.1	342.9	1058.3
Shiphead 9.91	0	1	1	2 **	3390364	19568073	2.68	373.5	381.0	1109.2
Shiphead 10A.1	0	0	0	0	41522	89927	1.01	42.9	424.9	243.7
Shiphead 10A.2	0	0	0	0	69079	146237	0.98	46.1	429.1	235.7
Shiphead 10A.3	0	0	0	0	40012	88356	1.03	37.2	432.5	237.4
Shiphead 10A.4	0	1	0	1 *	31612	87271	1.28	35.2	261.4	151.1
Shiphead 10A.5	0	0	0	0	61042	133310	1.02	55.4	761.7	413.1
Shiphead 10A.6	0	0	0	0	50844	112400	1.03	43.3	394.1	227.9
Shiphead 10A.7	0	0	0	0	52603	120910	1.07	53.1	636.6	357.4
Shiphead 10A.8	0	0	0	0	44593	117396	1.22	41.3	309.7	176.0
Shiphead 10A.9	0	0	0	0	34317	86867	1.18	41.0	384.5	207.8
Shiphead 10A.10	0	0	0	0	167142	381831	1.06	125.8	1212.3	631.9
Shiphead 10A.11	0	0	0	0	80907	174418	1.00	57.8	587.0	345.4
Shiphead 10A.12	0	0	0	0	123110	274541	1.04	101.8	1375.5	781.4
Shiphead 10A.13	0	0	0	0	111371	263000	1.10	172.7	565.4	274.8
Shiphead 10A.14	0	0	0	0	127823	270016	0.98	113.2	1040.1	622.6
Shiphead 10A.15	0	0	0	0	41564	86005	0.96	40.9	414.3	229.0
Shiphead 10A.16	0	0	0	0	120026	257210	1.00	222.1	225.0	498.9
Shiphead 10A.17	0	0	0	0	76153	168733	1.03	137.3	504.2	409.9

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Shiphead 10A.18	0	0	0	0	37295	82643	1.03	32.1	307.6	174.0
Shiphead 10A.19	0	0	0	0	43542	90334	0.96	36.6	329.1	194.6
Shiphead 10A.20	0	0	0	0	33022	79138	1.11	73.8	467.1	264.6
Shiphead 10B.1	0	0	0	0	66678	176263	1.23	69.1	442.6	243.4
Shiphead 10B.2	0	0	0	0	57714	130116	1.05	48.8	464.1	293.1
Shiphead 10B.3	0	0	0	0	41907	86612	0.96	39.5	321.9	163.9
Shiphead 10B.4	0	0	0	0	52521	113432	1.00	19.8	536.9	608.9
Shiphead 10B.5	0	0	0	0	40200	87839	1.02	92.0	201.1	155.7
Shiphead 10B.6	0	0	0	0	72369	157844	1.01	66.8	1063.3	582.5
Shiphead 10B.7	0	0	0	0	71035	152973	1.00	66.6	766.1	386.1
Shiphead 10B.8	0	0	0	0	32854	72671	1.03	32.4	383.4	210.5
Shiphead 10B.9	0	0	0	0	96619	222566	1.07	86.8	623.3	325.2
Shiphead 10B.10	0	0	0	0	59103	133241	1.05	44.9	255.1	135.1
Shiphead 10B.11	0	1	0	1 *	14310	42900	1.39	66.2	182.6	98.3
Shiphead 10B.12	0	0	0	0	54315	119780	1.03	58.2	765.5	415.9
Shiphead 10B.13	0	0	0	0	39049	86728	1.03	38.7	622.6	344.4
Shiphead 10B.14	0	0	0	0	43788	92765	0.99	55.6	302.2	184.0
Shiphead 10B.15	0	0	0	0	58944	124404	0.98	56.9	687.2	370.0
Shiphead 10B.16	0	0	0	0	25698	50307	0.91	26.0	260.3	137.4
Shiphead 10B.17	0	0	0	0	30579	66910	1.02	31.4	319.7	166.0
Shiphead 10B.18	0	0	0	0	82825	167607	0.94	56.0	477.4	255.9
Shiphead 10C.1	0	0	0	0	114171	270880	1.10	243.4	1092.0	667.9
Shiphead 10C.2	0	0	0	0	58771	131914	1.04	104.0	41.3	86.2
Shiphead 10C.3	0	0	0	0	38104	96044	1.17	49.2	486.0	217.0
Shiphead 10C.4	1	1	1	3 ***	-6978	1797	-0.12	0.6	0.0	0.1
Shiphead 10C.5	0	1	0	1 *	16246	55887	1.60	26.3	147.6	66.0
Shiphead 10C.6	0	0	0	0	36057	93589	1.21	40.6	566.2	296.1
Shiphead 10C.7	0	0	0	0	22178	57780	1.21	57.0	270.1	147.9
Shiphead 10C.8	0	1	0	1 *	31455	85304	1.26	34.9	408.5	234.7
Shiphead 10C.9	1	1	1	3 ***	-10530	1378	-0.06	-0.1	0.0	0.1
Shiphead 10C.10	0	1	0	1 *	32067	86289	1.25	42.3	238.7	103.8
Shiphead 10C.11	0	0	0	0	23614	45100	0.89	21.1	221.8	127.1
Shiphead 10C.12	0	0	0	0	23442	45806	0.91	20.9	306.1	161.9
Shiphead 10C.13	0	0	0	0	53665	111102	0.96	51.6	510.1	284.8
Shiphead 10C.14	0	0	0	0	42073	85526	0.95	41.1	498.2	268.9
Shiphead 10C.15	0	0	0	0	35109	69230	0.92	32.4	358.6	188.0
Shiphead 10C.16	0	0	0	0	56358	131000	1.08	47.7	503.9	274.8
Shiphead 10C.17	0	0	0	0	13868	24531	0.82	15.8	127.8	58.4
Shiphead 10C.18	0	0	0	0	21339	45306	0.99	15.6	217.4	133.3
Shiphead 10C.19	0	0	0	0	23484	45125	0.89	24.0	346.2	183.7
Shiphead 10C.20	0	0	0	0	20540	36598	0.83	28.4	156.1	76.3
Shiphead 11A.1	0	0	0	0	167684	355999	0.99	138.4	1497.0	608.9
Shiphead 11A.2	0	0	0	0	94633	206180	1.01	91.8	680.3	306.4
Shiphead 11A.3	0	0	0	0	167308	343687	0.96	158.7	1869.4	716.4
Shiphead 11A.4	0	0	0	0	139826	298026	0.99	106.2	917.2	426.2

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Shiphead 11A.5	0	0	0	0	125071	268612	1.00	99.8	1096.4	471.7
Shiphead 11A.6	1	1	1	3 ***	-5337	1640	-0.14	0.7	0.1	0.0
Shiphead 11A.7	0	0	0	0	55874	127257	1.06	55.2	680.5	289.0
Shiphead 11A.8	0	0	0	0	94654	199919	0.98	96.5	1211.2	389.1
Shiphead 11A.9	0	0	0	0	83008	192121	1.08	81.3	1086.4	389.6
Shiphead 11A.10	0	0	0	0	67223	150888	1.04	50.7	584.9	278.8
Shiphead 11A.11	0	0	0	0	103503	227973	1.02	102.7	950.0	371.6
Shiphead 11A.12	0	0	0	0	194720	409975	0.98	177.8	2131.9	764.7
Shiphead 11A.13	0	0	0	0	45908	101068	1.02	49.7	744.0	223.2
Shiphead 11A.14	1	1	1	3 ***	482	-3575	-3.45	-0.5	0.2	0.1
Shiphead 11A.15	0	0	0	0	140678	308463	1.02	151.1	1653.0	625.4
Shiphead 11A.16	0	0	0	0	83695	178097	0.99	75.6	949.3	361.3
Shiphead 11A.17	0	0	0	0	95871	206764	1.00	73.2	738.2	326.5
Shiphead 11A.18	0	0	0	0	79221	164586	0.97	62.9	596.9	263.9
Shiphead 11A.19	0	0	0	0	67076	141619	0.98	56.6	731.1	295.6
Shiphead 11A.20	0	0	0	0	96263	202353	0.98	83.9	903.8	395.6
Shiphead 11B.1	0	0	0	0	69037	155831	1.05	78.4	960.7	389.0
Shiphead 11B.2	0	0	0	0	161322	353868	1.02	166.8	2246.4	756.6
Shiphead 11B.3	0	0	0	0	109968	236135	1.00	108.1	1417.1	526.2
Shiphead 11B.4	0	0	0	0	31362	68588	1.02	41.9	517.2	178.5
Shiphead 11B.5	0	0	0	0	50009	105032	0.98	70.1	1134.9	316.2
Shiphead 11B.6	0	0	0	0	50410	117961	1.09	74.8	1178.6	347.1
Shiphead 11B.7	0	0	0	0	42645	97308	1.06	77.5	1294.4	306.0
Shiphead 11B.8	0	0	0	0	127219	276764	1.01	105.8	1175.1	489.2
Shiphead 11B.9	0	0	0	0	49054	108654	1.03	52.9	798.1	270.4
Shiphead 11B.10	0	0	0	0	28063	63561	1.05	47.2	540.5	181.4
Shiphead 11B.11	0	0	0	0	27514	56827	0.96	31.0	470.9	135.4
Shiphead 11B.12	0	0	0	0	51650	107081	0.96	53.7	653.1	241.2
Shiphead 11B.13	0	0	0	0	47783	101335	0.99	52.5	730.6	237.0
Shiphead 11B.14	0	0	0	0	58775	121761	0.96	48.4	524.6	200.0
Shiphead 11B.15	0	0	0	0	116940	248733	0.99	124.9	1912.3	583.0
Shiphead 11B.16	0	0	0	0	37102	73325	0.92	32.2	386.5	133.3
Shiphead 11B.17	0	0	0	0	127873	266269	0.97	130.1	1550.8	557.5
Tioga B 8500-1.1	0	0	0	0	836454	1799227	1.00	600.3	11672.5	2315.2
Tioga B 8500-1.2	0	0	0	0	380486	826294	1.01	254.3	5237.7	640.6
Tioga B 8500-1.3	0	0	0	0	235824	493814	0.97	155.7	3463.1	441.3
Tioga B 8500-1.4	0	0	0	0	228664	488509	0.99	174.7	3214.4	491.8
Tioga B 8500-1.5	0	0	0	0	563333	1191285	0.98	385.0	8194.7	1009.9
Tioga B 8500-1.6	0	0	0	0	237414	500087	0.98	192.3	3396.5	500.9
Tioga B 8500-1.7	0	0	0	0	403030	877471	1.01	373.5	4932.4	926.6
Tioga B 8500-1.8	0	0	0	0	170286	358837	0.98	114.8	2454.8	299.5
Tioga B 8500-1.9	0	0	0	0	514980	1082442	0.98	415.7	7671.7	1256.8
Tioga B 8500-1.10	0	1	0	1 *	159419	449017	1.31	183.4	2241.3	290.9
Tioga B 8500-1.11	0	0	0	0	84360	184577	1.02	58.2	1210.9	149.8
Tioga B 8500-1.12	1	1	1	3 ***	-188	-5922	14.64	0.5	0.1	0.3

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Tioga B 8500-1.13	0	0	0	0	58332	122777	0.98	39.9	841.7	107.0
Tioga B 8500-1.14	0	0	0	0	52683	104886	0.93	35.6	828.2	103.1
Tioga B 8500-1.15	0	0	0	0	46237	94200	0.95	38.9	575.6	110.2
Tioga B 8500-1.16	0	0	0	0	93903	196815	0.97	57.0	1459.5	171.1
Tioga B 8500-1.17	0	0	0	0	71561	147862	0.96	45.4	1040.2	130.3
Tioga B 8500-1.18	0	0	0	0	90902	190065	0.97	65.3	1352.6	183.1
Tioga B 8500-1.19	0	0	0	0	101503	209797	0.96	80.7	1471.3	204.2
Tioga B 8500-1.20	0	0	0	0	28984	57007	0.91	25.2	376.6	54.9
Tioga B 8500-2.1	0	0	0	0	144764	296839	0.95	103.9	2424.1	293.7
Tioga B 8500-2.2	0	0	0	0	135934	279067	0.95	88.3	2051.5	251.9
Tioga B 8500-2.3	0	0	0	0	144590	303439	0.98	99.0	2097.8	257.5
Tioga B 8500-2.4	0	0	0	0	65219	138786	0.99	41.6	989.7	120.7
Tioga B 8500-2.5	0	0	0	0	52252	108210	0.96	33.6	770.1	107.2
Tioga B 8500-2.6	0	0	0	0	82449	177136	1.00	55.1	1207.3	145.9
Tioga B 8500-2.7	0	0	0	0	82223	174047	0.98	73.3	843.7	240.7
Tioga B 8500-2.8	1	1	1	3 ***	-253	509	-0.94	1.1	0.2	-0.1
Tioga B 8500-2.9	0	0	0	0	29534	64489	1.02	23.5	444.2	61.7
Tioga B 8500-2.10	0	0	0	0	59525	125744	0.98	43.7	897.5	119.8
Tioga B 8500-2.11	0	0	0	0	103556	214301	0.96	81.4	1549.2	200.7
Tioga B 8500-2.12	0	0	0	0	45320	91112	0.94	33.6	726.9	93.5
Tioga B 8500-2.13	0	0	0	0	71340	149393	0.97	51.9	1049.7	134.8
Tioga B 8500-2.14	0	0	0	0	60679	127836	0.98	44.8	909.5	113.4
Tioga B 8500-2.15	0	0	0	0	73321	147816	0.94	48.6	1138.0	142.1
Tioga B 8500-2.16	0	1	0	1 *	104364	343039	1.53	80.1	1877.4	218.3
Tioga B 8500-2.17	0	1	1	2 **	77781	470612	2.81	60.2	1233.9	152.2
Tioga B 8500-2.18	0	1	1	2 **	57906	697660	5.60	50.5	780.3	95.8
Tioga B 8500-2.19	0	1	0	1 *	52045	274643	2.45	38.0	833.8	95.9
Tioga B 8500-2.20	0	1	1	2 **	53953	308959	2.66	40.1	883.7	96.3
Tioga B 8500-2.21	0	0	0	0	145688	312221	1.00	116.1	2085.4	269.8
Tioga B 8500-2.22	0	0	0	0	193911	396427	0.95	146.1	2659.8	372.4
Tioga B 8500-2.23	0	0	0	0	46730	105171	1.05	36.0	750.9	90.2
Tioga B 8500-2.24	0	0	0	0	130053	276444	0.99	104.0	1962.0	252.5
Tioga B 8500-2.25	0	0	0	0	135926	278526	0.95	100.6	1910.3	251.9
Tioga B 8500-2.26	0	0	0	0	161193	328812	0.95	130.9	2014.3	364.9
Tioga B 8500-2.27	0	0	0	0	52962	113887	1.00	41.1	830.5	106.1
Tioga B 8500-2.28	0	0	0	0	202367	417080	0.96	142.9	3017.3	388.9
Tioga B 8500-2.29	0	0	0	0	64863	132958	0.95	42.5	1053.7	126.6
Tioga B 8500-2.30	0	0	0	0	200072	403100	0.94	179.3	2416.9	479.3
Tioga B 8500-3.1	0	0	0	0	281138	606760	1.00	251.0	2547.5	774.8
Tioga B 8500-3.2	0	0	0	0	103520	226614	1.02	73.2	1549.8	193.4
Tioga B 8500-3.3	0	0	0	0	361831	763185	0.98	285.0	5208.8	751.0
Tioga B 8500-3.4	0	0	0	0	329211	678707	0.96	240.6	4404.8	676.7
Tioga B 8500-3.5	0	0	0	0	302890	636739	0.98	195.9	4421.0	557.5
Tioga B 8500-3.6	0	0	0	0	173099	371175	1.00	149.4	2410.8	352.8
Tioga B 8500-3.7	0	0	0	0	139706	328461	1.09	111.7	1982.8	294.5
Tioga B 8500-3.8	0	0	0	0	230327	614579	1.24	212.9	3330.7	476.1
Tioga B 8500-3.9	0	0	0	0	391023	932381	1.11	318.8	5785.2	803.5

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Tioga B 8500-3.10	0	1	0	1 *	366644	1131222	1.44	382.3	5094.5	760.3
Tioga B 8500-3.11	0	0	0	0	15515	29778	0.89	12.4	239.1	34.5
Tioga B 8500-3.12	0	0	0	0	29720	55915	0.88	20.2	452.2	63.2
Tioga B 8500-3.13	0	0	0	0	13525	25124	0.86	9.7	202.3	30.9
Tioga B 8500-3.14	0	0	0	0	65201	130058	0.93	45.1	987.0	133.4
Tioga B 8500-3.15	0	0	0	0	21896	47613	1.01	17.0	374.0	59.7
Tioga B 8500-3.16	0	0	0	0	34226	74507	1.01	28.2	532.0	68.5
Tioga B 8500-3.17	0	0	0	0	44340	91598	0.96	39.5	717.0	106.5
Tioga B 8500-3.18	0	0	0	0	33992	70675	0.97	22.1	549.2	69.4
Tioga B 8500-3.19	0	0	0	0	31126	67995	1.02	35.8	490.9	68.4
Tioga B 8500-3.20	0	0	0	0	26189	54151	0.96	20.7	410.8	59.8
Tioga B 8500-4.1	0	0	0	0	127541	274878	1.00	100.4	1899.5	271.4
Tioga B 8500-4.2	0	0	0	0	78811	169517	1.00	62.8	1221.9	152.5
Tioga B 8500-4.3	0	0	0	0	71522	155487	1.01	49.2	1121.3	144.6
Tioga B 8500-4.4	0	0	0	0	111247	241957	1.01	93.4	1705.0	229.6
Tioga B 8500-4.5	0	0	0	0	141004	300258	0.99	111.6	2026.7	288.6
Tioga B 8500-4.6	0	0	0	0	38159	96271	1.17	37.1	595.9	77.6
Tioga B 8500-4.7	0	0	0	0	103720	218968	0.98	78.9	1558.1	221.7
Tioga B 8500-4.8	0	0	0	0	65143	165724	1.18	65.6	902.9	136.9
Tioga B 8500-4.9	0	0	0	0	96001	204432	0.99	73.4	1011.8	225.1
Tioga B 8500-4.10	0	0	0	0	130291	276953	0.99	90.9	1901.3	255.1
Tioga B 8500-4.11	0	0	0	0	67429	147404	1.02	51.2	980.9	129.7
Tioga B 8500-4.12	0	0	0	0	51573	109589	0.99	46.2	558.2	132.4
Tioga B 8500-4.13	0	0	0	0	75707	176844	1.09	80.1	1011.5	185.0
Tioga B 8500-4.14	0	0	0	0	81062	177704	1.02	71.2	1070.6	160.9
Tioga B 8500-4.15	0	0	0	0	13673	33721	1.15	16.4	164.4	46.9
Tioga B 8500-4.16	0	0	0	0	34100	75276	1.03	31.0	507.7	71.5
Tioga B 8500-4.17	0	0	0	0	73397	153548	0.97	59.8	1081.3	146.9
Tioga B 8500-4.18	0	0	0	0	19126	45654	1.11	20.4	293.3	39.6
Tioga B 8500-4.19	0	0	0	0	68351	146190	0.99	49.6	904.1	128.9
Tioga B 8500-4.20	0	0	0	0	35001	73190	0.97	32.3	411.5	80.4
Tioga B 8500-5.1	0	0	0	0	60150	125531	0.97	46.2	919.4	128.6
Tioga B 8500-5.2	0	0	0	0	80899	173461	1.00	63.3	1225.5	169.6
Tioga B 8500-5.3	0	0	0	0	91953	199031	1.01	69.8	1256.7	184.6
Tioga B 8500-5.4	0	0	0	0	57221	119138	0.97	45.0	789.0	126.6
Tioga B 8500-5.5	0	0	0	0	50218	110404	1.02	39.6	727.8	101.7
Tioga B 8500-5.6	0	0	0	0	97935	233073	1.11	88.5	1554.2	207.7
Tioga B 8500-5.7	0	0	0	0	51302	119660	1.08	39.2	775.0	98.8
Tioga B 8500-5.8	0	0	0	0	29772	64482	1.01	24.1	496.4	69.0
Tioga B 8500-5.9	0	0	0	0	79845	182565	1.06	56.2	1198.9	155.5
Tioga B 8500-5.10	0	0	0	0	106427	247719	1.08	92.0	1571.0	227.3
Tioga B 8500-5.11	0	0	0	0	83494	185646	1.03	64.5	1116.5	163.4
Tioga B 8500-5.12	0	0	0	0	55922	119587	0.99	44.5	864.2	118.6
Tioga B 8500-5.13	0	0	0	0	67582	152129	1.05	58.4	1010.3	133.7
Tioga B 8500-5.14	0	0	0	0	51139	104913	0.95	40.1	752.6	102.6
Tioga B 8500-5.15	0	0	0	0	131521	273790	0.97	98.6	1930.8	277.5
Tioga B 8500-5.16	0	0	0	0	84194	176188	0.97	75.5	1052.3	225.3

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Tioga B 8500-5.17	0	0	0	0	61921	162991	1.22	62.8	915.7	133.9
Tioga B 8500-5.18	0	0	0	0	86420	178311	0.96	65.8	1231.4	173.0
Tioga B 8500-5.19	0	0	0	0	48015	100554	0.97	40.3	770.1	108.0
Tioga B 8500-5.20	0	0	0	0	32326	71323	1.03	29.1	454.7	72.8
Tioga B 8502-2.1	0	0	0	0	113792	243190	0.99	92.4	1717.3	231.9
Tioga B 8502-2.2	0	0	0	0	65736	142361	1.01	48.9	1056.6	134.8
Tioga B 8502-2.3	0	0	0	0	41335	87595	0.99	84.1	591.4	82.6
Tioga B 8502-2.4	1	1	1	3 ***	-84	2450	-13.50	3.5	0.0	0.1
Tioga B 8502-2.5	0	0	0	0	67619	143398	0.99	45.9	970.3	131.4
Tioga B 8502-2.6	0	0	0	0	159952	342493	1.00	132.4	2410.4	309.2
Tioga B 8502-2.7	0	0	0	0	231052	482304	0.97	178.3	3425.4	477.4
Tioga B 8502-2.8	0	0	0	0	149028	314567	0.98	110.5	2448.4	321.4
Tioga B 8502-2.9	0	0	0	0	125078	264064	0.98	96.7	1890.0	247.0
Tioga B 8502-2.10	0	0	0	0	108720	229539	0.98	75.3	1615.8	209.0
Tioga B 8502-2.11	0	0	0	0	135012	289907	1.00	94.8	2060.4	268.0
Tioga B 8502-2.12	0	0	0	0	109949	233866	0.99	76.9	1641.3	216.6
Tioga B 8502-2.13	0	0	0	0	109603	230523	0.98	86.3	1448.8	238.4
Tioga B 8502-2.14	0	0	0	0	227166	483124	0.99	149.0	2831.3	434.6
Tioga B 8502-2.15	1	1	1	3 ***	-63	922	-6.85	0.0	0.0	0.2
Tioga B 8502-2.16	0	0	0	0	60437	124976	0.96	45.1	943.1	121.8
Tioga B 8502-2.17	0	0	0	0	164017	343463	0.97	132.6	2402.8	372.9
Tioga B 8502-2.18	0	0	0	0	57531	118521	0.96	42.3	869.8	128.1
Tioga B 8502-2.19	0	0	0	0	149165	310500	0.97	124.0	1992.0	350.1
Tioga B 8502-2.20	0	0	0	0	50211	106589	0.99	50.4	765.7	116.5
Tioga B 8502-3.1	0	0	0	0	113045	230529	0.95	85.6	1642.3	203.9
Tioga B 8502-3.2	0	0	0	0	48921	104744	1.00	39.7	701.2	91.3
Tioga B 8502-3.3	0	1	0	1 *	28679	99489	1.61	39.7	397.6	49.3
Tioga B 8502-3.4	0	0	0	0	38986	83792	1.00	38.7	455.0	91.6
Tioga B 8502-3.5	0	0	0	0	43929	89902	0.95	32.0	608.0	81.1
Tioga B 8502-3.6	0	0	0	0	41713	94646	1.06	33.5	592.0	72.1
Tioga B 8502-3.7	0	0	0	0	14180	34051	1.12	11.8	213.6	26.9
Tioga B 8502-3.8	0	0	0	0	39552	88231	1.04	36.6	544.2	69.7
Tioga B 8502-3.9	0	0	0	0	51107	116453	1.06	47.8	761.7	171.8
Tioga B 8502-3.10	0	0	0	0	75324	163307	1.01	65.2	1077.2	137.4
Tioga B 8502-3.11	0	0	0	0	81371	170343	0.97	67.8	1085.4	151.7
Tioga B 8502-3.12	0	0	0	0	27666	56084	0.94	24.7	380.2	64.0
Tioga B 8502-3.13	0	0	0	0	43728	91640	0.97	35.3	569.3	72.0
Tioga B 8502-3.14	0	0	0	0	32538	67384	0.96	29.1	461.7	58.3
Tioga B 8502-3.15	0	0	0	0	44418	95340	1.00	37.7	637.7	83.1
Tioga B 8502-3.16	0	0	0	0	70893	150316	0.99	48.4	977.5	121.2
Tioga B 8502-3.17	0	0	0	0	49225	100529	0.95	33.0	698.3	87.1
Tioga B 8502-3.18	0	0	0	0	19218	38154	0.92	16.0	302.0	37.1
Tioga B 8502-3.19	0	0	0	0	35477	75418	0.99	32.1	457.2	82.0
Tioga B 8502-3.20	0	0	0	0	23187	47445	0.95	21.0	341.9	43.5
Tioga B 8502-6.1	0	0	0	0	51592	114723	1.03	34.6	761.5	96.7

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Tioga B 8502-6.2	0	0	0	0	44018	97376	1.03	31.8	670.9	87.7
Tioga B 8502-6.3	0	0	0	0	43799	90389	0.96	26.5	649.6	82.8
Tioga B 8502-6.4	0	0	0	0	53627	116169	1.01	40.1	922.9	118.1
Tioga B 8502-6.5	0	0	0	0	17786	41677	1.09	12.6	254.1	31.2
Tioga B 8502-6.6	0	0	0	0	73043	157610	1.00	56.1	1029.8	163.6
Tioga B 8502-6.7	0	1	0	1 *	8365	53631	2.98	12.7	128.3	20.6
Tioga B 8502-6.8	0	1	1	2 **	7	1202	76.96	1.3	1.8	2.1
Tioga B 8502-6.9	0	0	0	0	61577	140295	1.06	46.8	959.1	119.1
Tioga B 8502-6.10	0	0	0	0	31715	70826	1.04	23.3	504.3	68.8
Tioga B 8502-6.11	0	0	0	0	300307	623936	0.97	206.0	4197.5	546.6
Tioga B 8502-6.12	0	0	0	0	513239	1096168	0.99	436.7	4830.3	2430.0
Tioga B 8502-6.13	0	0	0	0	130804	306627	1.09	113.5	2089.0	272.4
Tioga B 8502-6.14	0	0	0	0	258083	577552	1.04	256.0	2525.0	1218.9
Tioga B 8502-6.15	0	1	0	1 *	167534	496390	1.38	180.1	2411.4	334.4
Tioga B 8502-6.16	0	0	0	0	163130	420049	1.20	166.6	2383.8	342.7
Tioga B 8502-6.17	0	0	0	0	270207	591725	1.02	190.6	4040.7	508.8
Tioga B 8502-6.18	0	0	0	0	257256	590709	1.07	207.7	3729.7	516.5
Tioga B 8502-6.19	0	0	0	0	289183	651324	1.05	261.6	4231.6	543.4
Tioga B 8502-6.20	0	0	0	0	202816	433754	0.99	133.7	2918.6	360.8
Tioga B 8502-7.1	0	0	0	0	55323	117959	0.99	48.0	782.4	104.2
Tioga B 8502-7.2	0	0	0	0	86021	189778	1.03	72.9	1060.0	210.3
Tioga B 8502-7.3	0	0	0	0	54203	116730	1.00	36.8	769.7	100.7
Tioga B 8502-7.4	0	0	0	0	79545	166593	0.97	56.9	1215.1	161.6
Tioga B 8502-7.5	0	0	0	0	89974	194737	1.01	69.9	1351.8	197.1
Tioga B 8502-7.6	0	0	0	0	82320	171792	0.97	67.8	1117.3	190.6
Tioga B 8502-7.7	0	0	0	0	62855	134157	0.99	50.3	979.5	131.8
Tioga B 8502-7.8	0	0	0	0	42503	98685	1.08	41.8	631.6	98.8
Tioga B 8502-7.9	0	0	0	0	84227	177701	0.98	73.9	1262.7	174.7
Tioga B 8502-7.10	0	0	0	0	48804	105114	1.00	39.4	632.1	120.8
Tioga B 8502-7.11	0	0	0	0	282639	592682	0.98	213.8	3980.1	586.2
Tioga B 8502-7.12	0	0	0	0	243023	522989	1.00	195.5	2854.0	562.4
Tioga B 8502-7.13	0	0	0	0	209075	438654	0.98	165.8	3234.9	413.5
Tioga B 8502-7.14	0	0	0	0	300979	635439	0.98	234.4	4154.2	572.4
Tioga B 8502-7.15	0	0	0	0	153150	354490	1.08	116.0	2652.9	336.7
Tioga B 8502-7.16	0	0	0	0	277410	576945	0.97	193.0	3732.5	512.8
Tioga B 8502-7.17	0	0	0	0	355824	762396	1.00	245.4	5010.7	677.6
Tioga B 8502-7.18	0	0	0	0	135203	327572	1.13	131.5	1910.2	264.7
Tioga B 8502-7.19	0	0	0	0	238900	511018	0.99	199.9	2590.3	581.5
Tioga B 8502-7.20	0	0	0	0	304082	624314	0.95	202.7	4263.0	559.1
Tioga B 8602-3.1	0	0	0	0	201908	421150	0.97	145.0	3046.7	412.3
Tioga B 8602-3.2	0	0	0	0	221283	462308	0.97	146.5	3139.3	490.5
Tioga B 8602-3.3	0	0	0	0	215913	459346	0.99	147.6	3213.9	468.0
Tioga B 8602-3.4	0	0	0	0	230784	484594	0.98	150.5	3695.0	478.5
Tioga B 8602-3.5	0	0	0	0	204328	428020	0.97	133.0	3076.7	385.9
Tioga B 8602-3.6	0	0	0	0	304059	630615	0.96	231.6	4404.2	782.6
Tioga B 8602-3.7	0	0	0	0	125298	268586	1.00	125.7	760.3	549.5
Tioga B 8602-3.8	0	0	0	0	217438	452051	0.97	162.8	3205.2	507.2

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Tioga B 8602-3.9	0	0	0	0	189377	399821	0.98	119.4	2936.7	383.5
Tioga B 8602-3.10	0	0	0	0	220503	459282	0.97	169.8	2813.3	529.5
Tioga B 8602-3.11	0	0	0	0	386504	813796	0.98	235.8	5600.4	780.8
Tioga B 8602-3.12	0	0	0	0	430918	917337	0.99	310.9	6087.7	816.1
Tioga B 8602-3.13	0	0	0	0	556756	1148270	0.96	326.7	8047.7	1022.4
Tioga B 8602-3.14	0	0	0	0	492914	1027923	0.97	314.0	7121.1	947.8
Tioga B 8602-3.15	0	0	0	0	525552	1147591	1.02	323.7	7428.5	952.0
Tioga B 8602-3.16	0	0	0	0	648829	1388997	1.00	387.9	9122.8	1189.9
Tioga B 8602-3.17	0	0	0	0	666511	1396188	0.97	439.4	9547.0	1189.3
Tioga B 8602-3.18	0	0	0	0	611659	1308416	0.99	596.7	3754.9	2325.5
Tioga B 8602-3.19	0	0	0	0	597376	1313877	1.02	644.5	3858.0	3232.6
Tioga B 8602-3.20	0	0	0	0	904333	1890258	0.97	585.2	13227.8	1713.8
Tioga B 8602-4.1	0	0	0	0	968723	1923787	0.92	678.9	13443.1	1796.5
Tioga B 8602-4.2	0	0	0	0	426060	875099	0.96	315.7	5982.8	800.0
Tioga B 8602-4.3	0	0	0	0	542724	1119984	0.96	423.7	5976.8	1317.7
Tioga B 8602-4.4	0	0	0	0	575784	1173279	0.95	384.6	7881.7	1011.6
Tioga B 8602-4.5	0	0	0	0	1602978	3202931	0.93	1049.4	22798.9	2945.0
Tioga B 8602-4.6	0	0	0	0	832657	1691465	0.94	563.5	11542.6	1495.7
Tioga B 8602-4.7	0	0	0	0	559472	1236376	1.03	474.2	6173.2	1534.0
Tioga B 8602-4.8	0	0	0	0	225870	480658	0.99	212.4	2328.5	572.2
Tioga B 8602-4.9	0	0	0	0	704818	1408359	0.93	469.0	9975.3	1257.7
Tioga B 8602-4.10	0	0	0	0	498954	1036957	0.97	338.0	6703.6	835.0
Tioga B 8602-4.11	0	0	0	0	108160	226275	0.97	76.5	1545.9	203.8
Tioga B 8602-4.12	0	0	0	0	100020	200263	0.93	70.9	1387.7	206.3
Tioga B 8602-4.13	0	0	0	0	120491	273571	1.06	95.7	1624.0	253.2
Tioga B 8602-4.14	0	0	0	0	56465	117610	0.97	40.9	800.4	111.9
Tioga B 8602-4.15	0	0	0	0	84876	174468	0.96	63.1	1158.9	193.9
Tioga B 8602-4.16	0	0	0	0	52304	106492	0.95	38.0	821.5	113.5
Tioga B 8602-4.17	0	0	0	0	126505	265891	0.98	91.0	1730.2	237.9
Tioga B 8602-4.18	0	0	0	0	74092	155615	0.98	54.0	1171.6	148.5
Tioga B 8602-4.19	0	0	0	0	126521	255738	0.94	85.7	1909.6	248.1
Tioga B 8602-4.20	0	0	0	0	110140	238566	1.01	81.8	1568.3	196.7

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Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho
407.0	66.6	360.4	79.1	4.5	79.0	10.3	57.2	11.8
581.8	80.9	373.0	55.9	7.2	42.8	4.3	19.3	3.8
65.2	9.1	41.7	5.7	1.1	4.9	0.4	1.8	0.4
626.6	101.5	561.1	124.6	6.0	121.1	16.1	88.4	18.5
766.8	95.9	403.7	49.9	9.0	42.8	3.9	16.9	3.4
131.6	21.6	119.1	27.9	1.9	28.3	4.2	24.9	5.6
0.2	0.0	-0.2	0.0	0.0	0.1	0.0	0.1	0.0
59.4	9.3	47.8	11.2	1.8	10.4	1.8	9.6	2.2
97.2	12.5	56.2	8.6	1.5	7.5	0.8	3.9	0.8
112.4	16.3	75.8	11.4	2.4	9.9	1.0	4.4	0.9
229.6	40.3	229.3	77.7	2.1	92.3	16.7	102.4	23.8
226.2	34.2	168.2	27.9	5.9	24.3	2.5	10.4	2.0
436.1	64.0	316.3	46.9	9.6	39.1	3.6	15.5	2.7
228.9	30.4	159.2	26.9	5.7	13.6	2.2	10.8	1.8
158.9	23.3	114.2	16.9	3.5	14.4	1.4	5.4	1.0
1361.2	199.0	958.5	142.9	29.1	120.3	11.1	46.0	8.2
3729.4	627.7	3573.2	956.2	55.1	1071.2	168.7	1039.1	245.1
476.8	79.2	447.3	123.3	6.9	137.3	21.9	131.7	31.8
1301.2	213.4	1207.7	310.0	14.9	337.3	50.4	302.7	69.5
1476.1	236.5	1297.3	307.8	19.5	305.9	44.8	264.4	60.6
1259.3	200.7	1097.6	259.6	17.3	264.2	37.3	212.0	49.8
1031.5	167.2	901.9	216.9	14.9	220.1	31.9	189.3	43.7
994.8	161.6	875.3	221.0	14.9	230.2	36.1	218.8	51.4
1461.2	248.8	1418.6	392.4	19.9	457.9	72.5	448.0	105.3
608.0	102.2	570.0	165.7	9.8	185.4	31.0	194.3	46.6
1180.7	197.3	1123.3	287.1	16.0	317.7	48.0	290.5	69.1
1556.7	255.5	1404.5	371.7	26.3	413.7	64.5	404.9	95.0
778.9	128.7	706.9	190.6	12.9	210.3	33.8	213.6	50.4
840.8	135.2	729.2	180.2	13.7	188.1	27.9	173.1	40.3
1158.6	185.3	1008.7	240.7	14.6	238.4	33.9	197.2	44.0
1548.7	252.0	1362.2	318.3	20.4	317.5	45.6	267.5	60.1
370.9	58.0	301.7	73.1	7.1	73.7	11.2	70.1	15.9
753.2	123.9	688.1	174.7	11.9	185.0	28.3	172.2	39.9
723.6	122.1	690.6	177.3	7.5	199.3	28.9	175.1	39.9
856.9	142.2	803.6	210.5	11.9	225.6	34.5	211.5	49.7
627.1	107.4	607.2	169.4	8.9	190.8	30.2	187.6	43.6
436.0	66.6	346.6	70.9	5.7	66.7	8.4	45.4	9.6
4.9	0.6	2.7	0.3	0.1	0.2	0.0	0.2	0.1
886.3	142.2	783.0	177.5	30.5	185.4	26.2	147.5	33.6

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278.3	46.0	258.7	60.6	3.5	61.4	8.3	44.4	9.3
67.2	10.0	50.4	6.9	1.9	5.9	0.6	3.0	0.6
514.4	78.0	415.9	86.7	13.8	79.2	11.1	60.4	13.3
75.3	11.6	56.1	8.6	2.0	6.5	0.7	3.0	0.6
110.3	16.8	77.0	11.2	2.6	9.5	0.9	4.4	0.9
79.8	12.3	64.2	15.1	2.2	14.2	2.1	12.2	2.7
36.4	5.5	26.8	4.5	0.9	3.2	0.3	1.6	0.3
245.2	37.2	188.0	32.5	6.3	27.4	3.1	15.8	3.5
87.2	13.5	67.1	9.5	2.4	8.4	0.9	4.1	0.8
149.8	22.4	111.3	16.2	3.9	13.9	1.4	6.3	1.3
70.8	10.2	50.3	7.5	1.8	6.4	0.7	2.9	0.6
98.4	14.9	70.3	10.6	2.4	8.8	0.9	4.1	0.9
78.0	11.9	56.1	8.7	1.9	7.2	0.8	3.1	0.7
42.6	6.4	31.2	4.3	1.1	4.1	0.4	1.9	0.3
502.6	69.4	323.7	55.9	7.7	48.4	6.2	34.5	7.7
0.6	0.1	0.1	0.0	0.0	0.2	0.0	0.3	0.1
302.3	44.7	222.2	49.6	6.6	44.9	6.6	37.4	8.9
5627.6	882.1	4797.3	1123.0	49.4	1132.6	146.5	781.4	167.2
8173.1	1327.6	7234.1	1729.1	75.0	1688.5	216.4	1141.0	240.1
5359.8	851.5	4618.1	1099.9	47.8	1075.5	138.8	730.4	153.9
6972.9	1123.5	6288.4	1502.2	55.8	1489.7	189.7	988.9	207.4
5421.9	855.0	4631.9	1113.1	51.0	1078.3	140.3	743.3	157.8
570.3	89.7	477.5	108.8	10.0	117.5	16.4	93.9	21.4
3412.5	529.6	2879.6	669.2	33.2	652.8	85.6	457.8	98.0
1653.7	257.8	1390.8	329.1	15.7	324.5	41.6	222.3	47.7
1801.4	280.9	1523.2	364.4	16.3	352.7	45.9	247.5	52.7
5920.7	937.0	5136.9	1216.7	56.9	1146.1	148.5	794.7	165.5
11254.7	1825.1	9878.8	2375.6	98.8	2309.9	300.1	1579.7	330.5
8297.6	1337.1	7324.5	1748.9	71.5	1760.6	228.8	1205.3	251.9
3606.7	552.5	2863.7	647.6	40.1	633.7	85.6	468.0	100.4
841.3	125.6	625.2	137.5	11.5	131.1	18.6	105.9	23.5
1560.2	242.8	1302.3	301.4	16.1	297.1	39.2	210.6	44.8
4813.1	665.8	3205.7	678.7	63.8	670.4	97.3	571.3	133.1
1261.1	192.6	1040.7	238.0	12.8	235.7	31.0	167.1	35.4
5053.2	785.5	4281.7	986.9	49.6	967.9	128.9	685.8	147.8
5680.8	919.5	5081.4	1184.8	50.5	1180.7	153.8	814.3	171.1
4822.6	764.8	4202.5	985.9	42.2	987.8	128.2	683.4	144.2
574.1	85.5	452.8	98.1	9.5	94.4	13.4	77.5	17.1
370.5	59.7	329.5	72.4	3.3	69.3	9.2	50.6	10.7
271.3	40.4	214.8	43.9	6.9	44.2	6.0	32.3	7.2
731.9	116.4	644.6	138.9	8.2	131.5	18.0	96.5	21.2
725.0	115.3	649.0	140.8	7.9	141.1	18.0	94.3	20.0
646.9	103.2	582.5	129.3	6.4	125.9	16.5	87.2	18.4
498.1	79.7	446.6	100.4	4.9	99.0	13.6	72.7	15.6
213.9	33.5	182.5	35.9	7.2	36.5	4.6	23.7	5.1
771.8	124.5	723.9	155.2	8.1	152.7	19.7	105.9	22.4
299.3	46.2	235.9	41.1	7.1	33.7	4.0	20.2	4.2
192.2	29.4	150.8	30.0	5.9	27.6	3.1	15.8	3.3
504.8	80.8	450.6	100.4	5.1	99.7	13.0	68.1	14.8

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209.0	28.4	130.9	22.4	3.1	18.8	2.2	11.1	2.3
385.2	61.3	337.3	73.6	3.9	73.7	9.8	50.6	10.8
531.5	87.3	479.9	107.0	5.4	106.5	14.0	73.3	15.3
262.3	43.0	233.0	52.4	5.7	54.5	7.2	40.0	8.6
432.7	68.1	381.7	85.1	4.7	81.9	11.2	59.7	12.5
405.3	66.5	377.5	83.2	3.2	84.2	11.1	59.7	12.8
3.7	0.5	2.4	0.7	0.1	0.4	0.1	0.4	0.1
591.2	96.8	544.7	121.1	5.7	119.5	15.8	80.6	17.7
1259.8	213.2	1225.7	274.5	11.5	272.1	35.8	189.7	39.8
1623.5	268.6	1495.1	340.0	16.0	332.1	43.2	234.2	48.4
681.3	114.4	641.3	143.9	6.5	144.8	19.3	101.1	21.7
1786.2	296.9	1684.0	382.6	16.0	377.3	50.0	273.4	57.3
1279.5	213.8	1210.4	268.9	12.0	262.1	34.7	189.2	39.4
1926.9	323.3	1813.1	408.9	17.8	398.2	52.9	285.4	60.7
443.6	73.1	412.1	90.4	4.0	92.3	11.7	61.4	13.5
1361.1	228.9	1303.3	297.8	11.8	294.5	39.0	212.6	45.0
1032.3	164.6	885.3	195.1	10.7	192.9	25.8	142.0	30.2
850.1	142.0	808.7	180.6	8.2	178.4	23.3	126.4	25.7
774.7	127.0	735.1	161.5	7.2	161.5	21.2	113.0	24.0
1160.0	191.3	1103.0	245.1	10.5	244.0	32.3	174.2	37.4
551.0	88.7	512.3	113.7	5.1	112.0	14.7	80.7	17.0
441.1	73.2	418.2	92.9	3.7	89.6	11.6	60.9	12.8
1173.6	192.2	1126.6	255.0	10.7	248.0	33.0	174.6	37.2
725.1	117.1	684.5	149.9	6.6	151.1	19.6	105.1	22.5
712.5	117.9	680.3	151.5	6.7	150.1	19.5	104.7	22.0
1182.5	191.0	1070.6	241.1	10.3	231.7	31.3	166.8	35.8
564.3	92.4	525.9	117.1	5.5	114.0	14.8	81.2	17.0
836.1	137.0	788.2	176.1	7.8	175.2	22.7	123.3	25.9
453.6	70.9	364.9	105.0	6.5	113.2	18.3	99.5	18.2
386.3	72.9	430.4	151.0	1.8	151.7	22.1	115.6	20.9
854.7	159.4	940.8	369.5	5.0	428.6	72.4	391.5	69.8
294.0	54.6	323.6	141.3	1.6	166.0	28.8	155.7	29.0
3.3	0.4	2.2	0.3	0.1	0.4	0.1	0.4	0.1
889.0	158.5	930.3	323.9	61.5	335.7	54.8	300.5	60.2
144.5	27.0	156.1	68.3	0.9	89.0	15.3	81.8	14.9
388.2	71.6	417.2	148.3	2.2	153.1	22.7	116.2	20.7
101.8	16.5	83.4	33.6	2.6	37.2	7.0	39.2	7.5
825.9	139.7	760.3	234.7	5.9	248.5	41.8	237.1	46.8
337.1	62.9	373.5	135.1	1.6	141.3	19.8	98.7	17.6
236.0	44.2	280.3	103.1	1.0	111.5	16.2	87.0	17.1
504.7	91.1	532.7	178.0	5.3	212.1	38.1	244.5	55.8
2060.6	343.1	1957.6	493.6	13.2	502.8	73.1	390.7	77.4
710.8	130.3	772.1	265.7	4.2	264.6	35.5	171.6	28.9
566.3	109.2	663.2	228.7	1.8	230.3	31.9	162.9	29.0
250.2	44.9	267.1	116.1	2.0	146.1	25.5	145.0	26.3
798.2	144.4	846.9	272.7	5.2	263.2	33.7	150.2	23.1
180.7	33.3	187.7	69.0	1.4	72.3	11.5	58.1	10.7
465.6	88.5	529.7	188.5	2.2	188.4	26.9	133.6	23.8
537.1	99.6	582.6	208.8	2.3	203.1	28.4	140.5	23.6

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-0.2	0.0	0.1	0.2	0.0	0.1	0.0	0.2	0.0
744.1	131.6	734.7	225.3	5.2	213.9	26.7	113.6	17.5
808.8	140.6	776.1	239.6	5.5	270.0	41.8	233.6	46.7
225.3	42.7	248.5	112.1	1.4	144.4	24.0	131.2	23.8
333.7	62.7	363.7	156.8	1.9	194.7	33.1	179.5	32.9
374.0	68.9	399.2	126.0	2.0	126.1	16.7	81.9	13.9
467.3	89.1	534.0	184.7	1.4	185.5	25.1	124.4	22.0
744.2	138.2	822.6	295.2	3.9	329.2	50.5	265.2	49.0
835.9	158.3	930.9	313.3	4.3	314.7	42.1	200.1	34.8
722.1	137.9	824.5	278.8	2.9	281.1	37.0	180.6	31.9
366.5	69.6	401.6	176.3	2.4	225.8	39.0	214.6	39.4
433.0	71.2	389.0	114.4	7.9	123.1	20.2	114.0	22.3
496.9	79.4	424.0	127.8	7.0	137.3	24.7	145.3	29.0
749.0	123.2	674.0	177.6	5.7	180.5	28.2	160.0	31.9
154.7	28.0	159.7	53.1	1.2	52.9	7.4	34.5	6.0
247.4	40.7	223.0	58.1	2.5	57.5	8.9	49.9	9.8
198.4	36.2	225.6	77.6	0.9	73.1	10.3	49.9	9.3
335.8	57.5	314.8	84.1	2.2	83.9	12.8	67.1	13.4
-0.1	0.0	-0.2	0.2	0.0	0.0	0.0	0.0	0.0
254.9	41.8	216.3	63.9	3.7	71.5	12.2	70.5	14.5
275.8	44.0	244.3	61.2	2.5	63.2	9.1	51.4	10.3
345.3	54.0	291.9	74.4	4.1	78.2	12.9	72.1	14.1
494.9	77.3	414.0	104.5	5.1	100.2	15.7	86.0	16.6
676.0	110.5	625.7	161.4	4.8	163.4	24.2	137.4	28.1
401.7	66.7	362.5	101.1	3.1	101.2	16.3	92.7	19.3
520.2	87.3	485.1	129.9	4.4	136.4	21.4	125.5	25.8
257.8	41.8	222.2	65.1	3.1	71.7	12.5	73.1	14.8
913.1	152.4	856.4	258.6	6.4	264.9	42.4	234.9	47.7
787.6	127.6	691.3	179.0	7.6	184.3	29.5	163.0	33.9
359.0	52.5	268.6	60.6	7.5	62.2	9.3	52.4	11.4
410.1	68.4	372.8	103.6	3.4	106.8	17.4	98.7	20.4
323.3	53.1	288.4	78.7	3.4	81.0	12.9	74.3	14.7
177.3	28.5	153.1	45.7	2.1	49.2	8.4	49.8	10.1
350.8	58.7	321.7	98.5	5.1	103.4	17.9	106.0	22.0
103.5	16.9	92.7	26.8	1.3	29.7	4.7	27.9	5.7
256.0	42.6	221.9	66.0	4.6	69.9	12.2	70.9	14.5
261.9	42.9	223.8	67.0	4.7	73.4	12.7	74.8	14.7
154.6	25.4	131.0	36.1	2.5	38.7	6.3	33.6	6.7
194.9	32.1	166.6	51.9	3.3	60.8	10.7	65.2	12.9
176.3	28.4	154.0	45.2	2.2	49.9	8.5	50.5	10.5
353.3	57.6	308.3	87.8	3.6	92.5	15.6	91.1	18.1
242.4	39.8	215.9	58.8	3.8	62.9	10.0	57.5	11.1
203.6	34.0	176.1	57.9	2.8	63.5	11.5	69.1	13.9
0.0	0.0	0.1	-0.1	0.0	0.1	0.0	0.0	0.0
171.3	28.1	149.6	40.7	2.5	41.3	7.0	39.8	8.1

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67.0	10.4	52.6	13.0	1.4	12.8	1.9	10.5	2.1
227.0	36.6	189.6	53.4	3.1	54.6	8.8	50.9	9.9
198.1	31.4	155.0	44.9	2.7	49.6	8.6	52.0	10.5
0.3	0.1	0.3	0.1	0.0	0.1	0.0	0.1	0.0
0.2	0.0	0.1	0.1	0.0	0.1	0.1	0.5	0.1
344.1	56.1	309.2	79.5	2.2	79.8	11.8	63.9	13.0
5.8	0.8	3.0	1.0	0.0	0.7	0.1	0.4	0.1
812.6	132.8	721.1	186.7	4.6	183.6	27.0	143.3	28.8
4.9	0.9	4.5	0.9	0.1	0.9	0.2	1.3	0.3
5.6	0.2	1.0	0.1	0.0	0.2	0.0	0.1	0.0
763.5	122.8	661.0	167.0	6.6	172.0	27.5	152.0	29.5
0.3	0.0	0.3	-0.1	0.0	0.0	0.0	0.1	0.0
374.3	61.6	324.7	93.3	5.1	102.1	17.6	105.8	21.0
355.1	58.6	324.4	96.2	6.2	100.6	17.5	103.4	20.7
40.1	6.5	33.4	5.8	0.5	5.3	0.6	2.7	0.5
0.7	0.1	0.6	0.0	0.0	0.0	0.0	0.0	0.0
0.5	0.1	0.5	-0.2	0.0	0.1	0.0	0.0	0.0
253.5	39.8	223.6	51.6	2.5	50.4	6.9	37.9	7.7
4.4	0.6	2.7	0.6	0.1	1.1	0.1	0.9	0.2
18.0	2.7	11.4	2.3	0.4	2.4	0.3	1.9	0.5
1.1	0.2	1.0	0.1	0.0	0.3	0.0	0.1	0.0
82.8	13.4	72.9	17.3	0.7	17.9	2.5	14.0	2.9
0.1	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0
1.8	0.3	1.5	0.2	0.1	0.3	0.0	0.1	0.0
1148.8	182.3	962.8	292.1	15.6	348.2	57.8	368.0	84.5
432.8	71.1	386.2	119.9	5.8	142.2	23.9	147.9	34.1
1159.7	184.8	1017.3	254.9	29.9	273.7	42.7	271.9	64.3
415.6	67.0	366.5	110.9	5.8	131.3	21.9	135.2	31.6
320.9	48.0	246.2	69.7	5.1	83.6	13.8	83.6	19.9
459.1	70.4	358.0	106.6	7.3	126.7	21.5	132.2	31.5
664.9	104.7	536.4	163.2	9.3	189.0	31.7	197.3	45.2
903.2	144.9	781.5	242.0	12.7	286.9	47.5	295.5	69.1
390.8	58.8	306.6	89.1	5.5	105.5	17.2	104.4	24.8
395.1	62.0	327.9	96.2	6.3	113.7	19.1	123.3	28.3
573.5	90.1	506.8	151.7	7.8	179.7	30.3	190.6	44.0
491.2	69.7	346.8	96.3	8.4	111.2	18.8	118.3	28.2
630.8	95.8	508.9	144.5	9.6	173.5	29.0	180.6	42.3
420.5	65.1	361.6	87.6	4.9	95.6	13.7	80.0	18.2
612.0	89.7	464.7	111.7	8.7	101.9	13.0	65.7	11.9
359.5	56.9	315.3	91.2	5.2	109.6	18.2	111.9	26.5
331.4	45.7	218.1	56.9	6.1	66.3	11.5	74.9	18.2
535.0	81.9	427.0	124.9	8.9	147.5	24.9	160.2	37.5
229.0	32.8	168.2	45.9	3.9	53.3	8.7	56.2	13.3
0.1	0.0	0.0	-0.1	0.0	0.1	0.0	0.1	0.0

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92.0	14.8	82.9	18.2	0.8	16.4	2.2	11.7	2.5
33.8	5.4	31.6	6.8	0.3	6.2	0.8	4.4	0.9
52.5	8.6	48.9	10.6	0.6	9.2	1.2	6.8	1.4
29.3	4.7	26.3	6.0	0.3	5.2	0.7	3.9	0.8
44.8	7.2	39.8	8.9	0.4	8.1	1.1	5.8	1.2
38.6	6.1	34.1	7.7	0.4	6.7	0.9	4.9	1.0
71.6	11.6	64.4	14.4	0.7	12.9	1.7	9.5	2.0
56.1	9.1	49.8	11.1	0.7	10.0	1.3	7.3	1.5
65.0	10.4	58.2	12.8	0.6	11.3	1.5	8.4	1.7
78.6	12.6	70.7	15.7	0.8	13.9	1.9	10.1	2.2
43.9	6.9	38.5	8.4	0.4	8.0	1.1	5.6	1.2
48.4	7.8	42.9	9.7	0.5	8.5	1.2	6.4	1.4
60.6	9.6	52.2	11.7	0.5	10.8	1.4	7.8	1.6
31.8	5.1	27.4	6.3	0.3	5.8	0.8	4.2	0.9
52.3	8.4	47.0	10.4	0.5	9.8	1.3	7.3	1.5
28.7	4.5	24.1	5.6	0.3	5.0	0.7	3.7	0.8
36.6	5.9	32.7	7.2	0.4	6.7	0.9	4.7	1.0
43.5	6.8	37.2	8.1	0.4	7.6	1.0	5.3	1.1
61.4	9.9	55.6	12.8	0.5	12.2	1.6	9.0	1.9
70.0	11.2	62.2	13.6	0.7	12.5	1.7	9.3	2.0
1994.8	322.2	1776.9	388.5	21.6	369.2	49.0	266.7	56.9
607.2	98.8	539.5	122.0	5.9	115.8	15.5	84.4	17.7
520.8	84.6	468.3	105.9	5.3	100.7	13.3	70.6	15.3
416.6	68.5	371.4	84.3	4.5	77.2	10.5	57.3	12.0
565.0	92.0	508.6	112.9	7.2	104.9	14.2	76.6	16.1
1065.6	171.5	956.5	216.2	17.5	207.5	29.1	167.2	37.1
914.4	146.5	781.7	165.7	12.9	150.6	20.0	107.3	22.8
362.3	58.3	318.7	73.6	3.9	67.4	9.3	49.1	10.6
918.0	144.0	786.8	169.1	9.4	155.6	20.9	115.0	24.0
446.3	72.5	399.1	90.4	4.4	85.4	11.2	61.9	13.0
465.8	76.1	411.8	92.2	4.6	86.6	11.8	62.1	13.5
572.1	92.9	514.6	113.7	5.8	109.4	14.1	76.2	16.1
417.4	68.6	378.6	84.1	4.4	82.0	11.0	59.3	12.6
506.2	81.5	446.5	98.3	5.8	93.2	12.3	67.3	14.0
550.6	88.6	480.5	108.8	5.6	100.8	13.9	74.2	15.2
786.9	128.2	698.9	156.7	7.6	154.1	20.2	110.4	23.2
1092.3	170.0	890.9	178.9	11.4	163.7	20.8	112.0	23.3
362.3	58.0	317.0	70.6	3.2	70.1	9.3	49.1	10.5
350.9	56.4	312.5	67.8	3.0	65.9	8.7	46.0	9.6
613.9	98.2	548.3	114.9	6.1	107.2	14.5	78.4	16.2
61.5	9.4	46.2	7.2	1.2	5.5	0.6	2.6	0.5
36.9	5.6	29.7	6.6	1.4	6.4	0.9	4.9	1.1
82.1	13.2	72.5	16.2	0.8	15.5	2.0	10.8	2.3
53.4	8.7	46.4	10.3	0.6	9.1	1.2	6.2	1.3
44.0	6.9	35.5	6.2	0.8	5.0	0.6	2.9	0.6
-0.1	0.0	0.0	1.3	1.1	0.0	0.0	0.0	0.0
15.8	2.6	14.1	2.7	0.4	2.2	0.3	1.3	0.3
49.6	7.8	40.7	7.3	1.1	6.3	0.7	3.8	0.8

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23.1	3.8	20.2	4.6	0.2	3.9	0.5	2.7	0.6
6.0	0.9	4.8	0.7	0.2	0.7	0.1	0.3	0.1
23.7	3.7	18.9	3.1	0.4	2.9	0.3	1.7	0.3
-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16.4	2.8	15.3	2.9	0.5	2.4	0.3	1.7	0.4
-0.1	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0
-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40.4	6.6	35.0	7.7	0.4	7.2	0.9	4.9	1.1
25.9	4.1	23.1	5.0	0.3	4.7	0.6	3.0	0.6
-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.2	0.2	0.6	0.1	0.0	0.0	0.0	0.0	0.0
23.0	3.8	20.5	4.5	0.2	4.0	0.5	2.9	0.6
253.7	42.7	234.2	51.2	2.7	46.4	6.3	33.5	6.8
14.6	2.3	10.4	2.4	0.3	2.4	0.4	2.4	0.6
122.6	19.0	96.2	14.7	2.5	11.7	1.2	5.7	1.1
214.9	35.6	193.6	43.0	2.6	39.4	5.2	26.7	5.5
210.6	35.1	189.8	40.6	1.9	38.6	5.3	28.4	5.9
0.3	0.1	0.2	0.2	0.0	0.2	0.0	0.0	0.0
119.3	19.7	112.0	21.3	3.3	18.4	2.4	12.5	2.6
42.8	7.9	45.3	14.5	0.7	16.9	3.2	20.1	4.5
75.7	10.9	50.5	9.2	1.1	6.4	0.8	3.8	0.7
219.0	35.2	195.7	41.5	2.8	37.8	5.0	26.7	5.4
20.8	3.5	19.6	3.7	0.7	4.3	0.5	2.2	0.6
0.2	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0
228.1	36.8	189.5	59.6	2.9	63.6	9.6	54.3	11.0
262.0	43.3	235.1	52.5	3.1	49.0	6.1	32.0	6.5
233.1	34.1	168.0	34.8	2.9	34.4	4.9	28.4	6.8
155.7	25.6	141.3	30.6	1.5	30.3	3.9	22.2	4.4
194.0	29.7	154.8	45.1	3.1	48.6	7.3	41.7	8.3
358.8	54.5	280.1	82.7	5.5	87.4	13.7	77.6	15.8
242.7	36.8	190.7	43.8	9.0	43.3	7.2	47.1	11.5
455.6	75.8	408.9	94.9	4.7	85.8	11.4	61.6	12.6
453.7	71.3	374.5	104.5	6.1	113.4	17.9	99.8	20.6
421.3	63.3	321.8	74.7	4.5	68.4	9.1	47.4	9.5
309.8	47.4	238.0	57.6	11.9	59.7	9.6	63.7	15.5
-0.1	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0
-0.1	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0
266.1	44.5	247.0	55.1	2.5	51.2	6.7	35.3	7.3
235.5	35.8	183.9	42.2	9.1	43.9	7.2	47.6	11.3
405.1	64.6	349.0	76.1	7.3	73.3	9.3	52.0	10.9
127.2	20.4	115.3	25.6	1.1	23.6	3.1	16.1	3.3
134.3	22.5	123.9	27.1	1.6	25.4	3.2	16.8	3.6
-0.1	0.1	-0.1	0.0	0.0	0.0	0.0	0.1	0.0
177.2	27.4	136.8	22.5	4.1	19.0	2.2	11.1	2.4
227.9	34.9	186.7	54.6	4.4	55.7	9.0	51.9	11.7
192.9	33.1	195.7	46.5	1.8	47.5	6.2	34.5	7.1
315.2	52.8	306.1	75.5	3.0	71.9	9.5	50.0	10.3
341.0	53.3	287.0	64.3	3.4	62.3	8.3	43.6	8.8
262.4	44.8	257.5	79.3	3.1	88.8	14.5	91.5	20.3
377.0	66.2	371.1	140.2	3.4	164.1	28.3	151.6	26.0
245.3	42.4	241.5	74.3	3.0	79.6	13.0	82.6	18.5

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509.4	77.9	419.8	111.5	5.7	125.4	19.7	118.4	26.8
357.5	55.1	283.0	88.4	6.8	105.3	17.5	95.4	17.5
378.8	64.2	371.3	97.9	4.1	104.8	15.3	87.4	18.9
504.2	78.3	425.3	126.3	5.8	141.9	22.9	131.8	26.9
289.3	48.3	267.5	62.1	3.2	63.5	8.6	48.9	10.1
353.9	58.7	324.3	69.1	3.6	65.9	8.4	45.6	9.2
300.3	44.9	227.0	64.1	4.5	71.6	11.6	64.5	13.1
210.8	32.1	160.2	50.7	3.8	56.6	9.7	54.4	9.8
117.4	19.8	112.4	30.6	1.7	29.9	4.5	24.5	5.2
685.1	103.0	502.2	158.1	12.2	172.2	27.8	140.3	22.7
225.2	35.8	187.7	50.6	3.0	54.8	8.2	48.3	9.9
239.7	41.3	230.4	70.4	2.8	80.7	12.8	78.4	18.1
184.1	32.2	177.9	53.7	2.4	56.3	9.0	54.8	12.6
337.5	54.5	294.5	67.3	3.8	62.2	8.3	46.2	9.0
336.7	56.9	327.8	78.6	2.5	77.2	10.5	56.1	12.5
76.0	11.5	56.8	7.7	1.4	6.3	0.7	2.9	0.6
208.4	36.1	210.5	62.4	3.0	66.4	10.5	65.0	14.5
152.0	26.0	148.3	44.6	2.0	46.6	7.3	44.1	10.1
175.1	28.6	168.6	38.9	1.7	39.6	5.3	29.6	6.5
0.1	0.0	0.1	0.1	0.0	0.0	0.0	-0.1	0.0
186.9	32.3	187.5	50.1	2.0	48.9	6.6	35.5	7.7
158.2	27.1	158.2	43.8	2.1	44.5	7.2	42.6	9.7
499.7	79.4	421.4	110.2	5.8	103.9	13.3	60.7	9.7
209.6	35.3	196.8	43.1	2.2	39.5	5.2	28.3	5.7
128.0	21.6	123.2	31.2	1.0	30.3	4.1	22.6	4.7
147.8	23.9	135.3	29.5	1.5	28.2	3.5	19.9	3.8
114.5	20.5	115.8	32.9	1.6	35.0	5.5	32.1	7.1
158.6	24.9	134.0	36.5	2.2	41.3	6.9	39.5	7.9
2345.3	1750.1	11714.8	1135.8	1933.0	1506.0	1675.4	1852.4	765.9
1744.3	187.7	2883.1	421.4	1433.6	1778.9	627.6	7662.6	1166.2
2748.5	2308.7	7337.7	2841.0	1588.2	3147.0	639.7	2146.2	992.3
2652.6	2567.6	5018.7	4566.9	2215.4	2448.2	358.5	1751.0	479.1
646.5	105.4	570.5	131.6	9.1	128.4	17.0	94.4	19.6
603.2	96.2	529.8	124.5	10.9	125.9	16.7	91.9	19.2
622.3	101.2	566.4	133.2	8.8	131.6	17.4	93.3	19.5
388.1	62.6	351.1	81.5	4.2	78.0	10.5	55.6	11.6
1084.7	178.9	994.8	230.4	13.9	227.0	30.7	164.0	34.3
588.8	96.2	529.0	122.6	8.6	118.8	15.8	85.2	17.7
940.2	151.9	841.6	195.4	11.8	188.8	25.8	139.4	29.1
446.4	71.3	393.0	88.9	7.6	87.9	12.0	65.3	13.6
546.1	87.0	488.2	114.9	7.3	111.7	15.6	83.2	17.8
1628.8	263.2	1469.4	344.7	29.3	338.4	47.3	254.0	54.1
894.1	145.1	807.9	176.8	9.8	179.9	23.3	128.3	26.6
2065.8	331.7	1878.4	423.8	22.1	424.1	55.3	301.2	62.8
725.3	120.7	657.9	157.8	25.5	162.0	21.6	121.3	25.9
1615.2	262.5	1452.0	327.6	20.3	325.0	42.3	227.5	47.2
605.3	99.8	555.0	128.2	8.7	126.0	16.9	91.5	19.1
1110.6	152.9	729.7	110.4	16.6	95.2	10.0	48.9	9.7
1054.2	164.0	859.6	176.3	22.4	167.5	21.0	111.4	22.9

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448.7	73.7	410.6	96.0	5.6	97.4	12.5	66.2	13.9
504.7	82.9	461.1	103.3	6.1	104.7	13.4	70.9	14.8
697.7	113.6	620.5	142.5	8.9	143.6	19.1	104.6	21.9
621.6	100.1	566.4	130.5	11.2	127.3	17.2	96.3	20.0
747.9	118.4	667.3	148.6	8.4	141.7	19.3	105.7	21.6
430.8	69.5	389.5	92.3	8.8	90.5	12.4	68.6	14.8
1482.4	207.1	990.5	179.9	5.0	158.5	19.8	102.7	21.2
403.4	63.2	345.4	70.6	12.4	65.4	8.5	46.7	9.3
1532.5	249.7	1440.4	328.0	17.6	312.8	43.3	237.7	49.4
1028.3	168.5	960.5	230.0	15.4	224.4	31.5	171.5	35.8
555.3	89.6	514.9	119.0	7.7	114.1	15.7	88.2	17.9
842.4	135.6	756.9	174.4	17.8	166.6	23.7	131.0	27.6
345.5	54.7	312.6	72.9	10.4	70.8	9.8	53.1	11.6
259.2	43.3	244.1	61.0	4.3	59.2	8.1	41.9	8.9
1105.7	177.5	1007.9	231.2	12.1	228.0	31.0	167.9	36.4
917.7	150.6	835.7	193.5	9.9	191.9	26.1	141.0	29.2
465.7	72.8	393.9	89.6	8.8	86.8	11.9	66.6	14.0
979.2	159.7	902.3	208.7	13.1	208.7	28.3	157.3	32.1
362.9	58.9	330.7	75.6	4.3	74.5	10.5	58.8	11.9
438.9	71.9	412.1	94.1	5.7	92.3	13.1	69.6	14.5
658.8	105.4	595.9	134.1	11.7	134.5	18.2	100.5	21.6
1737.5	278.4	1552.9	350.6	22.7	340.4	46.1	249.2	52.9
211.6	31.5	151.1	22.3	5.2	18.8	1.8	8.6	1.7
587.0	98.4	549.1	135.0	12.4	136.0	19.3	105.7	22.9
0.0	0.0	0.1	-0.1	0.0	0.1	0.0	0.0	0.0
175.0	28.7	159.1	38.9	6.7	39.3	5.5	29.7	6.5
791.5	131.0	740.9	174.5	10.8	170.0	23.1	124.4	26.2
394.1	64.2	355.7	85.5	5.9	80.5	11.4	59.8	12.9
622.9	100.2	553.4	128.8	7.7	122.9	16.9	91.3	19.4
-0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0
276.3	45.2	246.9	61.3	10.5	61.6	8.6	49.4	10.7
339.1	55.7	307.3	74.3	4.9	75.1	9.8	51.8	10.6
429.2	71.5	402.7	93.5	5.7	91.3	12.5	69.5	14.3
750.3	121.3	682.3	161.9	12.4	161.7	22.1	117.7	24.0
713.2	116.7	658.2	158.2	11.1	161.4	21.2	116.3	23.7
497.8	81.3	458.8	106.4	7.5	111.6	14.3	81.3	17.1
715.5	117.3	668.6	155.1	9.2	157.9	20.7	112.7	23.4
153.9	25.7	143.7	36.2	3.8	37.7	5.3	28.5	6.0
344.5	56.5	314.5	73.0	3.3	72.8	9.3	49.2	10.3
478.1	79.7	448.6	103.9	6.3	105.9	14.0	77.4	16.2
209.5	33.6	182.2	43.4	7.0	44.7	6.1	36.2	7.5
1556.3	249.7	1383.1	324.2	36.4	323.8	48.5	289.4	66.4
774.5	123.0	698.9	155.2	16.6	158.6	22.5	132.6	30.2
1854.0	298.3	1648.0	390.1	47.1	387.9	59.6	359.0	82.1
1081.6	172.4	962.0	216.6	23.7	219.4	31.3	181.4	40.9

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1203.1	195.2	1075.6	248.0	27.4	243.4	36.0	216.7	48.6
0.1	0.0	-0.1	0.3	0.0	0.0	0.0	0.0	0.0
766.1	124.0	675.7	157.0	14.4	150.2	23.1	133.3	30.3
1006.8	162.7	897.2	219.1	28.3	218.5	35.0	223.4	52.0
996.3	162.3	892.0	210.9	25.2	210.6	33.2	205.0	47.3
715.4	114.8	653.4	147.9	14.5	143.2	20.1	116.2	25.9
967.8	154.6	850.4	199.5	24.0	204.7	30.6	184.2	41.9
1982.4	317.0	1738.5	413.3	53.6	439.6	66.2	406.2	93.6
570.1	90.4	503.6	120.6	16.2	129.7	20.0	128.0	30.2
0.0	0.0	0.1	0.0	0.0	-0.1	0.0	0.1	0.0
1611.5	259.3	1412.4	338.3	38.8	343.1	52.1	315.3	72.4
936.7	151.0	826.0	196.9	22.8	195.3	30.1	181.7	41.9
831.0	135.1	744.4	165.9	18.3	172.0	24.8	142.7	32.4
668.0	108.8	600.2	134.8	14.6	137.4	19.8	114.9	26.1
762.4	124.4	693.4	156.9	17.4	159.9	23.8	142.8	32.4
1022.0	167.9	915.2	207.7	20.6	209.8	30.6	175.0	40.1
1021.0	164.4	900.6	213.9	25.1	211.1	31.8	187.0	42.3
1959.6	317.6	1726.8	421.6	53.3	428.9	67.7	413.6	97.7
1364.6	221.4	1202.2	290.1	34.6	292.3	44.7	268.6	61.4
476.3	76.7	418.1	102.1	14.0	101.9	16.2	97.7	22.7
822.1	134.4	719.0	183.0	25.8	194.1	31.8	200.5	47.6
887.6	142.5	775.7	190.6	26.6	196.7	31.5	198.0	47.5
781.6	125.4	676.6	174.2	24.7	183.9	31.3	201.0	50.4
1253.4	199.8	1118.7	262.3	30.8	262.0	38.1	223.3	51.7
701.4	111.8	613.7	148.0	17.4	152.8	23.3	139.9	33.5
480.7	78.9	425.3	103.4	14.1	106.2	16.9	103.4	23.7
337.5	54.9	307.9	74.4	9.9	78.4	12.5	77.4	19.3
631.6	103.4	563.1	132.9	15.9	135.2	20.5	121.7	28.1
601.3	97.1	533.3	126.6	16.4	131.7	20.1	125.7	29.6
512.4	83.3	471.3	108.1	13.4	112.9	16.8	99.6	23.2
1512.0	251.0	1392.2	338.8	35.9	350.7	56.2	347.1	82.4
341.1	54.9	308.4	72.8	9.6	75.3	11.7	70.8	16.8
1466.1	235.0	1302.7	308.7	31.0	318.5	49.0	298.2	68.3
5180.7	914.6	5234.4	1748.2	49.3	2083.8	363.8	2276.3	512.4
1995.5	362.6	2115.3	754.2	18.9	906.3	165.9	1031.2	232.0
1378.8	251.0	1439.6	514.2	15.1	612.1	108.7	682.4	152.1
1489.3	258.4	1486.0	482.6	15.3	572.3	98.2	614.9	142.4
3138.8	559.1	3217.2	1122.0	29.3	1364.5	243.1	1565.1	357.9
1524.5	268.9	1510.0	505.3	21.5	612.7	104.2	648.5	149.3
2737.2	476.3	2676.5	826.9	21.2	954.0	157.1	976.1	218.6
933.1	168.6	956.2	342.7	9.2	421.0	74.7	479.6	107.0
3781.5	668.2	3824.6	1197.4	37.9	1411.0	238.7	1499.6	335.2
886.3	159.9	913.9	314.8	11.7	382.1	68.6	432.8	98.0
474.5	83.7	489.4	169.8	4.9	204.8	37.6	236.4	53.4
0.3	0.1	0.4	0.0	0.0	0.1	0.0	0.0	0.0

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330.2	58.3	338.9	116.5	3.1	143.3	24.9	158.6	36.8
319.5	56.9	337.0	113.7	3.4	139.6	24.9	160.2	37.0
330.9	57.7	321.4	100.7	3.5	119.5	19.2	117.6	26.0
542.9	98.0	574.4	196.2	5.9	244.8	43.9	280.2	64.4
403.9	70.3	413.4	141.5	4.3	172.3	31.3	198.9	45.9
554.2	97.1	568.3	187.3	5.3	230.4	40.5	258.1	58.8
610.0	107.1	618.0	201.9	5.7	245.8	43.7	275.2	64.6
166.0	29.8	170.9	55.2	2.7	67.5	11.6	72.6	16.5
929.3	167.0	944.2	326.2	9.4	410.1	73.4	471.3	107.6
776.5	138.7	799.7	276.4	7.1	350.4	62.2	395.4	89.7
803.0	144.0	815.8	289.4	9.5	350.1	62.9	399.6	91.1
380.9	69.4	400.9	141.3	3.7	170.1	31.1	198.0	43.7
334.7	59.7	344.6	117.0	2.7	140.5	23.9	147.8	32.6
457.9	81.7	471.0	168.6	4.5	206.0	37.3	232.4	52.3
685.4	116.5	654.3	180.9	4.0	196.3	29.6	165.6	36.0
0.2	0.0	0.1	0.1	0.0	0.1	0.0	0.1	0.0
186.4	32.6	189.7	62.4	1.8	74.2	13.2	83.7	19.1
367.0	64.8	369.6	125.4	3.3	150.1	26.4	169.6	38.7
622.1	111.6	645.6	216.7	7.1	259.7	48.0	299.1	67.7
286.1	50.4	292.6	95.7	2.4	116.2	21.2	137.0	31.6
416.2	73.8	428.3	146.0	3.3	171.5	31.9	201.1	45.9
352.2	62.8	362.6	126.0	3.5	145.4	26.7	169.0	39.0
438.2	77.9	454.6	158.4	3.9	193.3	35.1	215.8	48.4
674.4	119.5	685.7	247.5	7.7	276.5	51.2	320.8	72.3
466.3	80.3	419.8	166.1	6.0	195.6	34.2	211.5	52.5
270.9	55.8	284.5	96.4	5.5	97.3	21.5	138.2	32.9
304.3	56.5	321.3	107.6	3.7	117.8	20.0	126.3	29.2
293.0	52.6	291.6	105.0	3.6	107.7	20.6	132.3	30.8
830.7	145.4	840.2	288.7	9.3	355.8	62.4	397.9	91.2
1129.5	199.6	1158.1	391.9	13.5	467.4	82.3	518.0	114.7
285.4	50.7	291.9	104.4	2.4	123.4	22.7	141.0	32.6
789.3	140.3	816.2	283.5	9.0	345.4	60.6	379.1	84.6
772.9	135.0	777.5	263.3	7.5	310.7	55.2	345.8	80.0
1076.8	190.2	1089.4	329.8	10.9	381.2	64.0	393.9	87.6
328.1	58.1	327.5	114.0	3.0	132.7	24.2	154.3	35.2
1179.4	207.1	1196.1	404.0	10.5	488.6	87.4	559.5	127.6
391.7	69.5	405.7	143.7	3.3	170.3	30.6	198.1	44.3
1426.8	245.4	1411.8	425.4	15.2	471.3	76.6	466.8	102.2
2162.8	368.6	2053.8	541.4	18.6	572.3	87.8	506.3	113.3
598.4	107.2	598.4	214.5	5.5	257.6	47.7	288.1	68.8
2181.0	400.4	2269.9	753.2	24.2	862.0	158.0	1007.1	227.3
1995.4	357.8	2026.8	651.0	20.9	752.6	134.4	834.7	192.8
1714.9	314.4	1796.9	617.0	17.6	752.0	137.1	866.7	198.0
1039.0	193.0	1091.3	362.3	11.4	415.4	75.0	461.9	105.1
856.8	155.1	890.2	280.0	10.6	332.4	59.7	365.8	88.5
1361.9	257.6	1463.6	476.1	19.3	556.0	100.8	635.9	147.5
2244.0	427.3	2456.9	811.9	28.8	953.0	173.8	1094.7	252.9

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2125.9	396.9	2279.6	732.1	29.6	846.0	152.7	967.6	223.2
98.9	18.4	105.1	34.1	1.6	39.8	7.0	43.2	10.1
185.2	32.8	187.3	62.7	1.9	75.5	13.5	87.5	19.6
87.2	15.4	87.3	29.1	1.0	34.1	6.2	40.3	8.8
394.3	72.3	417.6	138.7	4.1	173.5	30.4	192.8	43.0
150.0	30.9	169.0	55.3	3.0	64.8	11.5	71.6	16.2
196.2	37.9	214.7	74.6	2.7	93.8	16.4	103.0	22.7
310.6	55.9	310.8	103.3	5.3	121.7	21.4	135.3	31.2
210.1	37.8	222.6	77.7	1.9	91.8	16.2	103.8	23.9
188.8	35.4	209.9	67.0	2.6	79.8	14.2	91.2	20.9
168.2	31.5	179.3	57.0	2.6	70.7	12.3	78.6	18.1
832.9	149.0	843.0	278.2	9.8	327.7	58.8	370.8	84.7
476.0	87.2	507.7	175.3	7.1	210.3	37.4	233.0	53.2
445.7	80.0	449.0	155.6	5.2	187.7	33.7	212.4	48.9
701.3	125.4	708.0	239.1	11.2	291.2	50.8	323.7	73.7
884.8	153.8	888.8	296.7	11.4	349.0	61.2	382.7	88.3
239.4	42.7	247.3	81.6	3.1	100.0	17.7	109.2	25.7
669.7	117.2	668.6	222.1	8.1	256.9	45.4	289.0	65.3
409.4	73.6	418.3	139.6	5.9	159.6	27.5	172.5	38.9
670.6	116.8	653.1	204.2	5.4	226.2	36.6	211.4	45.9
787.5	141.5	813.1	274.4	8.2	335.0	58.6	370.7	83.6
391.8	69.7	410.0	136.7	4.4	162.7	29.6	187.6	42.7
382.9	66.6	385.4	112.4	3.0	121.8	19.4	113.8	23.1
554.3	98.5	571.0	178.5	7.2	198.5	33.1	204.7	44.2
476.0	86.0	482.1	160.7	5.2	178.4	32.4	206.9	46.3
134.3	23.0	130.7	36.4	1.0	36.9	5.7	33.2	7.3
217.8	39.2	227.5	72.5	2.9	86.2	15.4	95.0	21.9
439.9	78.9	457.5	150.8	6.0	176.9	31.5	203.1	45.8
119.8	21.3	122.8	40.6	1.4	46.0	8.6	55.6	12.4
388.3	68.4	388.6	128.6	3.8	146.7	26.7	173.1	38.4
237.7	41.9	243.7	73.8	3.2	79.6	13.2	81.9	17.8
391.9	68.8	407.6	134.2	5.7	164.3	28.4	180.1	41.5
523.7	90.9	526.2	175.2	9.0	214.2	37.0	236.0	53.8
566.8	99.2	562.2	184.3	10.9	226.1	39.4	247.0	56.3
384.7	67.9	383.0	122.8	4.8	145.6	25.0	157.7	35.1
318.8	56.6	321.7	108.6	5.1	136.1	23.3	148.3	32.6
646.9	112.7	656.0	225.9	12.0	272.5	47.9	305.4	69.7
306.8	54.1	315.3	108.7	2.6	137.9	24.0	153.7	34.3
218.2	38.4	219.1	73.4	4.5	88.7	15.6	97.8	22.3
485.6	84.9	492.9	167.7	6.0	209.7	36.9	239.0	53.5
690.1	118.5	688.9	227.5	9.9	275.1	48.4	310.0	69.8
494.5	87.1	498.8	166.2	5.0	194.8	35.0	215.8	48.6
364.9	63.5	364.9	120.5	5.4	143.0	26.1	166.1	38.1
409.0	71.8	414.3	139.1	6.2	162.3	29.9	193.2	43.2
310.9	53.3	314.8	101.2	7.0	116.2	22.2	144.6	32.7
851.1	148.4	851.0	276.7	8.5	332.3	59.4	378.1	84.9
670.3	114.4	644.2	188.6	8.5	204.4	34.2	211.1	45.9

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402.6	71.0	410.9	134.5	3.5	156.4	28.4	180.3	40.2
522.3	91.7	528.3	172.8	9.6	203.8	36.7	238.4	53.7
335.0	58.0	330.3	105.9	6.4	121.4	22.3	145.9	33.3
226.2	39.3	223.9	74.2	2.5	84.3	14.7	93.1	20.7
718.4	126.4	725.3	246.7	10.8	300.3	51.9	328.2	74.7
417.1	75.3	425.4	148.2	5.8	180.1	31.8	200.0	46.1
252.1	44.5	253.8	82.9	2.5	103.3	18.0	113.3	25.9
0.3	0.0	0.2	-0.2	0.0	0.0	0.0	0.0	0.0
405.4	71.5	416.5	139.9	3.6	174.9	30.2	191.6	43.0
965.0	171.4	991.1	342.9	13.5	426.6	74.7	472.1	106.0
1466.9	260.4	1489.0	498.2	20.3	612.3	104.3	658.3	149.8
1003.1	176.1	1022.0	349.0	12.8	430.8	75.1	478.3	108.6
764.0	134.7	774.5	266.8	11.8	326.2	57.3	353.8	81.5
648.4	115.3	665.1	228.6	7.4	280.8	49.5	307.4	70.5
807.0	143.3	824.4	277.0	6.8	360.0	62.1	390.9	90.4
654.1	114.2	649.5	222.6	6.4	286.4	49.1	316.9	71.6
710.3	125.8	693.3	225.9	9.5	275.2	45.9	280.3	63.1
1292.2	229.4	1310.6	433.8	17.6	523.6	91.4	564.4	123.5
0.2	0.1	0.2	0.2	0.0	0.1	0.0	0.1	0.0
375.4	68.0	386.2	134.7	5.2	173.2	29.7	183.9	40.4
1137.2	198.9	1151.0	374.9	13.6	456.0	76.8	471.4	106.6
388.7	70.1	395.2	133.1	4.1	162.8	27.2	168.9	37.8
1047.7	181.8	1038.0	327.2	12.7	390.4	63.7	379.7	86.9
357.8	63.9	362.9	116.6	4.6	142.0	24.1	151.4	33.3
640.3	113.7	664.9	229.3	7.4	287.6	50.0	321.3	71.9
280.5	50.1	296.5	99.6	3.3	126.8	21.3	135.8	30.2
156.2	28.6	167.6	58.6	2.3	72.5	12.6	80.3	17.9
270.3	46.9	270.4	80.3	3.4	95.7	14.8	90.7	20.4
244.9	43.5	253.8	82.9	2.3	104.6	18.0	115.0	26.0
231.5	41.9	244.2	87.5	2.9	107.2	18.3	119.7	26.2
84.0	14.9	88.3	30.9	0.9	37.0	6.5	41.7	9.2
220.9	40.5	241.8	89.6	3.0	111.6	18.4	113.7	23.8
503.7	85.4	456.7	134.1	8.8	153.6	25.1	153.2	34.4
429.0	78.5	449.7	155.1	5.5	188.8	32.7	211.4	47.1
475.0	85.2	490.5	160.6	6.2	200.6	33.9	214.2	48.3
198.1	35.9	205.3	68.1	2.4	84.0	13.1	80.0	16.4
235.6	43.5	251.8	88.8	3.7	110.2	19.0	119.2	25.8
185.2	33.8	194.5	69.0	2.2	86.3	14.8	95.3	21.0
262.1	48.0	278.6	95.3	3.1	116.4	20.0	129.7	27.8
390.0	69.5	404.1	144.3	4.8	181.9	31.1	202.7	43.8
278.4	50.9	291.3	101.0	2.9	122.6	21.9	135.1	31.3
119.0	21.6	128.9	45.9	1.9	55.1	9.7	60.5	13.2
252.5	44.5	251.1	81.4	2.6	91.9	15.5	95.7	20.5
138.9	25.0	140.4	49.2	1.8	61.8	10.4	67.2	15.1
299.4	52.1	300.0	107.7	2.8	136.3	24.0	149.6	33.7

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260.3	46.4	263.1	89.5	2.2	115.5	20.1	127.1	29.7
252.0	45.1	257.7	91.6	2.1	113.9	20.7	128.8	29.4
366.3	64.2	371.1	125.2	2.9	160.4	28.0	180.7	41.0
98.4	17.5	104.4	39.5	0.8	48.2	8.7	50.3	11.3
495.1	86.6	487.6	160.0	3.4	194.4	32.8	198.0	45.4
58.7	9.6	56.4	19.8	0.5	24.0	4.2	26.1	5.6
3.5	0.5	2.5	0.4	0.0	0.3	0.0	0.4	0.1
370.1	64.6	374.3	129.1	3.1	162.8	29.0	178.6	42.1
206.3	36.0	204.2	71.5	1.8	88.7	15.9	97.3	22.2
1661.0	292.3	1695.3	570.7	14.0	695.3	123.9	799.0	183.4
6693.0	1092.4	5822.6	1348.5	32.0	1332.2	182.1	1042.7	220.2
821.8	146.4	804.4	285.7	7.1	352.9	63.1	404.7	92.6
3328.1	546.6	2930.4	677.4	18.1	682.6	94.1	526.1	114.1
985.8	174.0	986.9	318.6	8.2	401.0	69.7	446.4	103.5
1030.8	179.8	1026.3	339.3	8.1	409.6	71.6	453.2	104.0
1566.4	276.9	1585.6	545.7	13.1	689.1	121.3	765.5	177.7
1532.5	275.5	1530.0	528.9	12.8	649.0	112.5	722.2	165.0
1647.5	292.1	1673.0	574.0	14.0	714.4	126.7	817.1	187.2
1110.3	198.9	1127.2	387.6	9.3	491.3	86.3	574.8	129.4
312.5	56.0	324.1	115.3	3.2	141.6	24.4	154.1	34.1
615.7	105.4	611.8	186.0	4.4	215.0	34.6	212.1	47.5
306.2	53.6	311.4	105.0	3.2	132.1	23.3	149.6	33.7
493.0	86.6	500.7	167.2	4.2	209.1	36.7	229.7	52.9
576.7	101.8	590.4	205.7	6.3	252.5	43.6	274.6	59.4
562.9	99.8	568.8	181.3	4.8	218.4	36.4	221.0	48.4
399.2	71.0	413.2	139.6	3.6	173.0	29.5	186.5	42.1
296.2	51.7	298.3	97.2	2.2	119.9	19.9	125.5	28.1
515.1	93.1	527.5	175.0	6.3	221.1	38.2	242.7	54.8
356.4	60.7	343.6	107.2	2.3	129.2	20.6	125.1	28.2
1738.4	303.8	1777.3	574.8	14.0	677.6	118.3	752.9	171.1
1600.4	281.1	1630.4	477.2	14.1	554.7	93.4	557.2	125.5
1245.5	223.5	1306.7	429.6	12.3	524.7	94.7	606.4	139.7
1717.5	303.1	1784.2	576.6	16.3	686.8	123.1	778.5	178.7
1021.3	182.4	1054.9	369.9	11.5	444.7	80.9	520.6	116.6
1547.8	270.0	1547.5	518.9	12.5	598.0	108.1	692.9	161.1
2053.0	362.4	2087.5	705.3	16.9	832.0	151.2	959.8	220.7
774.3	136.4	793.9	256.1	6.8	305.1	55.2	359.9	82.3
1662.4	289.0	1651.2	469.1	12.8	524.0	84.5	507.5	114.1
1691.3	300.5	1744.9	589.3	14.3	704.7	128.4	831.4	186.8
1213.5	224.8	1264.3	423.4	12.4	526.2	91.1	579.1	132.7
1436.9	265.0	1485.5	490.1	15.3	594.7	100.0	623.9	141.1
1383.3	256.4	1440.2	478.9	14.7	582.0	101.1	635.7	140.8
1422.8	260.2	1497.2	514.3	15.4	645.9	113.8	722.5	163.8
1163.3	212.6	1219.1	422.1	11.9	532.1	91.9	590.6	134.7
2183.5	380.7	2085.8	657.4	22.6	800.0	137.0	858.8	196.4
1377.1	212.4	1065.7	210.3	16.4	206.7	27.1	150.9	32.7
1495.3	270.8	1517.3	491.4	13.7	607.9	101.8	632.1	140.7

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1115.2	208.6	1184.5	420.7	13.7	520.5	90.7	573.8	129.4
1533.3	273.1	1522.2	480.2	14.0	565.2	93.1	567.7	125.7
2209.4	415.3	2404.3	811.7	29.5	958.1	172.0	1089.2	250.5
2394.4	432.2	2475.4	832.8	24.0	1027.2	183.6	1191.3	272.2
3139.3	556.8	3205.9	1082.8	27.6	1315.2	239.4	1528.3	352.9
2862.9	515.6	2972.5	1011.0	29.5	1199.1	216.1	1369.2	315.5
2862.9	526.6	3030.3	1044.8	32.2	1245.3	227.5	1453.0	328.9
3501.0	649.7	3684.7	1288.7	43.2	1532.6	279.9	1781.5	401.4
3666.6	639.8	3710.1	1273.7	33.0	1510.4	282.6	1797.5	412.4
5867.6	939.6	4983.4	995.1	77.4	972.8	132.0	767.9	164.1
8200.5	1287.5	6636.4	1279.4	110.7	1172.5	149.0	796.4	170.4
5042.7	937.6	5489.3	1840.0	61.4	2238.6	404.4	2558.0	576.4
5499.2	973.7	5594.4	1907.8	49.6	2237.8	406.5	2589.3	589.5
2410.8	429.8	2482.6	838.9	22.3	968.5	177.1	1144.2	258.8
3804.2	655.8	3706.5	1094.5	25.9	1176.4	194.3	1169.5	262.8
3043.2	538.7	3104.3	1072.5	28.0	1243.4	229.4	1454.9	338.8
8924.3	1609.6	9146.7	3097.2	84.7	3581.7	664.3	4255.7	989.8
4556.7	810.3	4663.6	1590.9	47.5	1860.1	343.2	2187.3	505.8
4564.7	797.7	4621.2	1418.8	39.1	1515.4	235.4	1289.5	259.0
1651.3	281.8	1580.6	454.5	10.0	476.9	78.4	467.7	102.1
3865.0	694.3	4048.5	1444.0	43.4	1661.6	307.0	1921.8	439.6
2578.2	468.9	2697.4	971.6	31.0	1105.6	203.9	1294.0	292.3
627.7	111.0	633.9	211.6	5.6	261.3	47.3	297.5	67.8
644.6	111.9	638.4	209.4	5.1	250.1	43.5	274.8	61.5
771.0	135.7	769.8	253.0	6.3	306.6	52.8	329.3	73.0
349.3	61.1	342.6	115.3	3.8	144.8	25.6	156.1	36.7
589.2	102.6	585.1	190.5	4.7	216.4	37.5	232.6	51.6
352.7	60.6	350.8	118.3	2.8	141.0	25.1	160.0	36.6
731.9	130.8	731.4	253.9	8.8	298.6	54.1	344.2	77.4
456.3	80.7	466.6	159.1	4.2	195.9	35.3	227.8	50.8
757.8	132.8	764.4	261.6	6.9	326.6	58.2	371.9	85.5
627.3	111.3	640.6	222.9	7.3	268.9	47.4	301.1	68.4

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Er	Tm	Yb	Lu	Pb	Th	U	Sample ID
23.7	2.9	14.0	1.7	3856.4	30.9	4.3	Shiphead 1.1
8.8	1.0	5.1	0.6	93.0	4.7	2.6	Shiphead 1.2
0.8	0.1	0.6	0.1	92.3	1.2	0.4	Shiphead 1.3
38.4	4.7	22.3	2.7	227.7	32.8	4.7	Shiphead 1.4
8.3	1.0	5.5	0.7	19.0	7.0	3.9	Shiphead 1.5
12.9	1.9	10.6	1.5	56.6	11.3	3.2	Shiphead 1.6
0.1	0.0	0.0	0.0	4.6	0.1	0.0	Shiphead 1.7
5.3	0.9	3.8	0.9	3.3	6.1	1.7	Shiphead 1.8
1.8	0.3	1.4	0.2	9.9	0.4	0.1	Shiphead 1.9
1.8	0.3	1.1	0.3	5.6	0.7	0.6	Shiphead 1.10
52.6	7.4	35.0	4.4	5.0	1.0	6.4	Shiphead 1.11
4.0	0.5	2.2	0.3	5.0	1.2	1.2	Shiphead 1.12
5.9	0.7	3.5	0.5	3.9	2.4	2.2	Shiphead 1.13
3.5	1.1	2.7	1.1	6.7	2.9	1.9	Shiphead 1.14
2.1	0.2	1.4	0.2	1.8	0.8	0.7	Shiphead 1.15
17.9	2.0	11.0	1.6	15.5	6.3	6.2	Shiphead 1.16
545.8	78.8	416.7	54.5	27.2	156.9	64.9	Shiphead 1.17
70.5	10.1	52.6	6.7	27.7	20.3	7.6	Shiphead 1.18
151.2	21.3	110.2	14.4	7.6	68.1	20.3	Shiphead 1.19
137.9	21.0	116.7	15.4	5.5	112.6	29.7	Shiphead 1.20
113.1	16.9	91.9	12.3	2.1	97.0	26.2	Shiphead 1.21
99.5	15.3	86.1	11.1	26.7	58.9	19.2	Shiphead 1.22
114.4	17.3	94.8	12.4	384.1	73.8	21.2	Shiphead 1.23
231.7	32.6	168.5	21.7	2.3	98.8	24.7	Shiphead 1.24
104.6	15.2	81.9	10.6	1.7	29.7	10.9	Shiphead 1.25
155.4	22.4	117.3	15.7	11.0	47.5	16.4	Shiphead 1.26
223.5	34.2	182.2	25.4	52.6	64.9	23.8	Shiphead 1.27
115.3	17.1	92.2	12.3	22.7	47.8	13.5	Shiphead 1.28
95.9	15.0	84.7	11.7	17.1	41.7	16.9	Shiphead 1.29
100.0	14.9	80.9	10.8	10.2	89.5	26.4	Shiphead 1.30
138.7	20.9	116.5	15.8	9.7	84.2	27.2	Shiphead 1.31
38.4	5.8	31.8	4.2	23.9	19.3	7.0	Shiphead 1.32
91.8	14.1	76.4	10.4	8.5	80.9	21.0	Shiphead 1.33
87.3	12.3	62.7	8.3	60.0	23.3	7.2	Shiphead 1.34
112.9	16.5	88.1	11.9	8.4	57.8	15.6	Shiphead 1.35
98.1	13.8	70.2	9.3	20.0	37.8	12.2	Shiphead 1.36
21.5	2.7	14.2	1.7	13.1	32.0	8.7	Shiphead 4.1
0.2	0.0	0.1	0.0	12.0	0.1	0.0	Shiphead 4.2
71.1	10.0	52.3	6.9	99.8	97.6	27.9	Shiphead 4.3

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17.8	2.4	11.6	1.4	14.0	5.6	1.4	Shiphead 4.4
1.6	0.2	0.9	0.1	67.4	1.0	0.5	Shiphead 4.5
28.8	4.1	22.0	2.8	11.3	57.9	6.5	Shiphead 4.6
1.3	0.2	0.9	0.1	7.9	0.7	0.4	Shiphead 4.7
1.8	0.3	1.1	0.2	9.1	1.0	0.4	Shiphead 4.8
5.7	0.9	4.7	0.7	19.3	22.1	5.0	Shiphead 4.9
0.8	0.1	0.5	0.1	8.7	0.5	0.2	Shiphead 4.10
7.9	1.1	5.3	0.8	14.2	-7.3	1.2	Shiphead 4.11
1.7	0.2	1.3	0.1	24.5	-9.4	0.5	Shiphead 4.12
2.7	0.4	2.0	0.2	1157.2	-9.2	0.7	Shiphead 4.13
1.5	0.2	1.0	0.1	7.3	-10.1	0.3	Shiphead 4.14
1.7	0.2	1.3	0.2	8.4	-9.9	0.4	Shiphead 4.15
1.5	0.2	1.0	0.1	8.9	-10.1	0.4	Shiphead 4.16
1.0	0.1	0.6	0.1	4.0	-10.6	0.2	Shiphead 4.17
18.0	2.9	16.5	2.3	52.4	-3.7	6.7	Shiphead 4.18
0.3	0.1	0.2	0.0	15.5	-10.0	0.4	Shiphead 4.19
21.2	3.4	20.4	3.0	97.1	0.9	9.2	Shiphead 4.20
363.1	49.8	263.5	34.2	31.7	249.6	157.0	Shiphead 4.21
509.7	66.6	338.4	42.8	40.9	775.3	177.8	Shiphead 4.22
332.2	43.7	226.3	28.8	52.6	240.8	117.7	Shiphead 4.23
442.7	56.0	285.0	35.4	31.7	128.3	94.0	Shiphead 4.24
333.8	44.8	235.6	29.9	17.3	137.8	123.8	Shiphead 4.25
46.9	6.4	35.0	4.5	18.1	83.0	14.9	Shiphead 4.26
214.8	29.7	161.9	20.7	18.1	282.6	130.7	Shiphead 4.27
103.1	14.1	74.9	9.7	6.1	152.3	56.0	Shiphead 4.28
114.7	15.6	80.9	10.3	8.8	199.2	63.1	Shiphead 4.29
358.1	47.7	244.5	31.4	25.7	356.9	154.4	Shiphead 4.30
705.4	93.2	480.8	62.6	45.8	750.9	250.9	Shiphead 4.31
533.7	71.3	368.7	48.0	227.2	566.3	175.0	Shiphead 4.32
224.1	31.8	172.3	23.0	12.7	126.8	102.6	Shiphead 4.33
54.2	7.9	43.4	6.0	13.1	53.4	37.2	Shiphead 4.34
96.6	13.4	71.1	9.3	13.4	171.7	57.2	Shiphead 4.35
316.6	50.7	295.0	42.3	42.0	70.9	136.3	Shiphead 4.36
78.1	10.7	56.5	7.5	5.4	44.8	37.5	Shiphead 4.37
325.1	45.7	243.3	32.7	21.4	384.7	198.9	Shiphead 4.38
367.8	50.0	259.8	33.5	24.0	282.4	140.8	Shiphead 4.39
307.2	41.9	216.5	28.8	16.5	174.3	142.9	Shiphead 4.40
36.8	5.2	28.4	3.8	27.5	18.8	11.4	Shiphead 5.1
22.5	2.7	13.4	1.8	31.9	13.5	2.6	Shiphead 5.2
15.2	2.0	10.0	1.2	36.2	8.9	0.6	Shiphead 5.3
44.4	5.7	29.4	3.7	30.3	46.4	11.9	Shiphead 5.4
39.6	4.9	24.3	3.0	14.5	26.7	4.4	Shiphead 5.5
37.1	4.7	21.6	2.7	22.4	16.4	3.0	Shiphead 5.6
31.7	4.1	19.5	2.4	20.7	48.5	9.3	Shiphead 5.7
10.6	1.4	7.1	0.9	18.8	12.8	2.2	Shiphead 5.8
44.2	5.4	26.4	3.2	14.1	15.8	2.8	Shiphead 5.9
8.8	1.3	6.6	0.9	150.5	27.4	10.2	Shiphead 5.10
7.3	0.8	4.4	0.6	29.8	15.3	2.1	Shiphead 5.11
30.3	3.5	17.3	2.0	20.5	33.2	6.8	Shiphead 5.12

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4.5	0.7	3.6	0.5	17.0	13.5	4.1	Shiphead 5.13
22.1	2.8	13.1	1.6	26.6	43.5	8.6	Shiphead 5.14
30.7	3.7	18.3	2.1	42.2	41.1	7.4	Shiphead 5.15
18.0	2.3	11.4	1.4	20.9	23.3	4.6	Shiphead 5.16
25.2	3.3	16.8	2.0	21.7	15.0	3.7	Shiphead 5.17
25.7	3.1	14.5	1.9	58.1	25.4	3.8	Shiphead 5.18
0.1	0.0	0.2	0.0	73.4	0.5	0.2	Shiphead 5.19
34.7	4.2	19.2	2.3	23.0	42.4	5.4	Shiphead 5.20
82.0	9.8	45.7	5.5	9.8	32.4	4.2	Shiphead 5.21
97.9	11.7	54.7	6.6	11.3	70.5	11.1	Shiphead 5.22
43.7	5.4	25.5	3.0	42.8	21.7	2.8	Shiphead 5.23
115.9	14.3	67.4	8.1	65.0	109.3	14.9	Shiphead 5.24
81.5	10.0	46.3	5.5	5.8	38.5	8.9	Shiphead 5.25
122.7	14.8	68.7	8.4	7.1	118.0	20.1	Shiphead 5.26
28.1	3.3	15.5	1.8	7.0	28.6	4.4	Shiphead 5.27
89.5	11.2	51.7	6.2	7.3	61.2	10.9	Shiphead 5.28
65.5	8.5	43.8	5.6	25.1	28.7	11.2	Shiphead 5.29
54.6	6.4	28.7	3.6	7.9	22.8	3.4	Shiphead 5.30
50.1	5.8	28.0	3.3	3.8	19.2	2.8	Shiphead 5.31
78.5	9.3	43.5	5.4	9.8	68.7	15.0	Shiphead 5.32
34.6	4.1	19.3	2.4	10.6	46.6	8.0	Shiphead 5.33
25.6	3.1	14.3	1.7	5.9	16.1	1.5	Shiphead 5.34
75.4	9.1	42.6	5.2	7.6	49.1	6.0	Shiphead 5.35
45.5	5.5	25.9	3.2	79.5	65.6	10.7	Shiphead 5.36
44.9	5.4	25.5	3.1	5.6	24.5	3.2	Shiphead 5.37
73.4	9.0	42.6	5.1	14.0	96.8	22.3	Shiphead 5.38
34.7	4.2	20.0	2.4	6.6	57.7	10.5	Shiphead 5.39
53.5	6.4	29.7	3.6	11.6	21.7	4.6	Shiphead 5.40
33.5	3.9	17.7	2.0	15.1	13.5	-56.0	Shiphead 6A.1
37.7	4.3	19.5	2.2	11975.0	9.8	-51.4	Shiphead 6A.2
123.6	14.2	62.4	6.9	23.9	24.5	-149.9	Shiphead 6A.3
50.1	5.8	25.0	2.6	9.6	10.9	-54.4	Shiphead 6A.4
0.2	0.0	0.1	0.0	10.3	0.1	-0.9	Shiphead 6A.5
120.3	16.4	84.1	10.4	58.9	193.0	-2015.8	Shiphead 6A.6
25.8	3.0	13.0	1.5	-1.1	7.3	5.2	Shiphead 6A.7
36.4	4.2	19.3	2.2	-1.0	15.3	13.5	Shiphead 6A.8
14.1	1.8	9.2	1.1	-2.7	10.1	15.0	Shiphead 6A.9
93.6	12.1	57.4	6.7	-0.8	26.4	34.9	Shiphead 6A.10
30.9	3.6	16.2	1.8	-0.9	9.4	6.3	Shiphead 6A.11
31.6	3.8	17.3	2.1	-0.8	5.8	4.0	Shiphead 6A.12
121.6	17.4	88.3	10.7	13.0	6.0	16.5	Shiphead 6A.13
149.9	18.9	89.1	10.6	13.1	59.0	48.7	Shiphead 6A.14
51.7	5.8	27.0	3.2	20.3	17.6	15.7	Shiphead 6A.15
51.5	6.2	27.5	3.3	8.1	14.9	9.0	Shiphead 6A.16
47.2	5.7	25.8	2.9	6.3	13.3	13.9	Shiphead 6A.17
39.6	4.1	18.5	2.2	6.5	18.5	12.3	Shiphead 6A.18
19.1	2.5	12.1	1.5	57.1	8.3	5.9	Shiphead 6A.19
40.6	4.8	21.1	2.5	6.1	13.6	8.8	Shiphead 6A.20
42.1	5.0	23.4	2.7	5.3	8.4	8.3	Shiphead 6A.21

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0.1	0.0	0.0	0.0	2.6	-0.1	0.0	Shiphead 6A.22
28.9	3.2	15.1	1.7	7.3	18.3	13.6	Shiphead 6A.23
92.6	11.9	55.5	6.7	9.4	34.5	31.8	Shiphead 6A.24
40.7	4.7	20.5	2.2	6.1	10.9	9.0	Shiphead 6A.25
58.5	6.7	30.1	3.3	17.6	13.0	12.7	Shiphead 6A.26
24.9	2.7	12.9	1.4	9.6	11.0	9.6	Shiphead 6A.27
39.5	4.6	21.1	2.5	6.4	11.6	7.6	Shiphead 6A.28
88.1	10.5	46.9	5.4	9.2	20.3	15.2	Shiphead 6A.29
61.0	6.9	31.8	3.6	9.8	22.5	16.5	Shiphead 6A.30
54.2	6.1	27.8	3.1	10.1	15.0	9.0	Shiphead 6A.31
68.9	8.2	35.2	3.8	60.2	16.8	15.8	Shiphead 6A.32
42.9	5.6	26.4	3.1	22.9	28.1	-138.3	Shiphead 6C.1
57.2	7.7	37.0	4.4	96.9	26.8	-145.8	Shiphead 6C.2
63.3	8.1	38.7	4.6	30.0	28.3	-157.9	Shiphead 6C.3
11.1	1.2	5.7	0.6	4.2	4.7	-22.5	Shiphead 6C.4
19.0	2.5	11.8	1.4	-11.7	8.6	5.7	Shiphead 6C.5
17.2	1.9	8.9	1.0	-92.2	5.9	3.3	Shiphead 6C.6
27.0	3.2	15.5	1.8	-1.0	10.4	8.1	Shiphead 6C.7
-0.1	0.0	0.1	0.0	-0.4	0.0	0.0	Shiphead 6C.8
30.0	4.1	20.4	2.5	-3.2	11.3	7.6	Shiphead 6C.9
21.9	2.6	12.6	1.5	-0.4	7.9	5.0	Shiphead 6C.10
27.2	3.6	17.3	2.1	6.2	15.5	-33.5	Shiphead 6C.11
32.2	4.0	18.8	2.2	-13.3	35.3	13.7	Shiphead 6D.1
56.0	7.6	37.4	4.5	-19.1	18.1	11.6	Shiphead 6D.2
39.0	5.2	26.6	3.2	-27.4	18.7	8.5	Shiphead 6D.3
52.5	7.0	35.0	4.3	-5630.4	20.2	11.7	Shiphead 6D.4
29.7	3.9	19.5	2.3	-7.9	7.4	4.9	Shiphead 6D.5
93.6	12.6	59.6	7.1	-9.6	33.8	22.0	Shiphead 6D.6
69.2	8.8	41.5	5.0	23.8	14.7	-33.4	Shiphead 6D.7
25.4	3.5	18.3	2.4	19.3	13.4	-20.5	Shiphead 6D.8
43.0	5.5	27.0	3.3	9.8	17.0	-30.4	Shiphead 6D.9
29.0	3.8	18.2	2.2	10.9	8.3	-14.7	Shiphead 6D.10
21.0	2.8	13.0	1.5	16.6	5.3	-10.9	Shiphead 6D.11
43.0	6.1	29.0	3.5	-12.1	10.0	7.7	Shiphead 6E.1
11.4	1.5	7.5	0.9	-27.9	2.8	1.7	Shiphead 6E.2
29.7	4.0	20.6	2.4	9.9	8.9	5.7	Shiphead 6E.3
30.4	3.9	19.2	2.3	14.6	8.8	6.0	Shiphead 6E.4
12.8	1.6	7.9	0.9	25.2	5.4	2.9	Shiphead 6E.5
24.8	3.4	16.0	1.9	11.4	6.4	4.3	Shiphead 6E.6
21.6	2.8	13.7	1.7	1.3	5.3	-10.3	Shiphead 6E.7
37.3	4.9	22.6	2.8	4.1	10.3	-17.2	Shiphead 6E.8
22.2	2.8	13.4	1.6	2.1	6.2	-11.0	Shiphead 6E.9
27.7	3.8	17.9	2.1	5.5	6.5	-13.7	Shiphead 6E.10
0.0	0.0	-0.1	0.0	6.1	0.3	0.0	Shiphead 6E.11
16.4	2.1	10.7	1.3	1.6	5.2	3.2	Shiphead 6E.12

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4.2	0.6	2.7	0.3	14071.6	2.3	0.8	Shiphead 6F.1
19.4	2.5	11.8	1.4	40.7	6.7	3.6	Shiphead 6F.2
21.7	2.9	14.7	1.8	1.2	5.5	3.9	Shiphead 6F.3
0.0	0.0	0.0	0.0	0.6	0.0	0.0	Shiphead 6F.4
0.3	0.0	0.3	0.0	4.1	0.2	0.2	Shiphead 6F.5
26.1	3.3	15.5	2.0	9.3	9.1	4.9	Shiphead 6F.6
0.2	0.0	0.1	0.0	5.8	0.8	0.2	Shiphead 6F.7
56.9	6.9	33.0	4.0	11.7	18.6	13.7	Shiphead 6K.1
0.5	0.1	0.5	0.1	16.5	1.3	0.5	Shiphead 6K.2
0.0	0.0	0.1	0.0	36.1	0.3	0.1	Shiphead 6K.3
59.3	7.3	35.1	4.0	7.0	34.9	24.5	Shiphead 6K.4
0.0	0.0	0.0	0.0	5.0	0.0	0.0	Shiphead 6K.5
43.5	5.6	26.7	3.3	14.7	20.7	12.1	Shiphead 6K.6
41.7	5.5	27.4	3.2	21.3	21.6	12.5	Shiphead 6K.7
1.3	0.2	0.8	0.1	24.5	2.5	0.3	Shiphead 6K.8
-0.1	0.0	0.0	0.0	12.9	0.0	0.0	Shiphead 6K.9
0.0	0.0	0.1	0.0	10.8	0.1	0.0	Shiphead 7.1
16.0	2.0	8.6	1.1	18.7	16.0	2.5	Shiphead 7.2
0.4	0.1	0.4	0.1	6.7	0.3	0.3	Shiphead 7.3
1.1	0.2	1.0	0.2	35.4	2.6	0.8	Shiphead 7.4
0.0	0.0	0.1	0.0	52.1	0.1	0.1	Shiphead 7.5
5.7	0.8	3.9	0.5	52.3	6.8	1.2	Shiphead 7.6
-0.1	0.0	0.1	0.0	11.3	0.0	0.0	Shiphead 7.7
-0.1	0.0	0.2	0.0	13.7	0.3	0.1	Shiphead 7.8
188.2	25.4	125.4	15.3	9.2	69.1	58.1	Shiphead 7.9
75.7	10.1	48.6	5.9	7.5	17.5	13.0	Shiphead 7.10
144.9	21.1	108.5	14.2	17.7	39.4	9.9	Shiphead 7.11
70.3	9.2	44.8	5.6	20.0	15.3	10.8	Shiphead 7.12
45.2	5.9	27.9	3.4	12.1	17.6	16.9	Shiphead 7.13
69.8	9.5	45.4	5.7	4.3	13.3	28.3	Shiphead 7.14
100.8	13.7	68.7	8.4	5.4	46.7	36.1	Shiphead 7.15
150.4	20.3	99.6	12.3	6.3	41.7	35.9	Shiphead 7.16
54.9	7.4	36.2	4.6	2.2	37.8	26.5	Shiphead 7.17
63.6	8.7	43.4	5.5	8.3	20.3	24.5	Shiphead 7.18
94.4	12.7	62.0	7.7	19.9	15.3	19.1	Shiphead 7.19
63.5	8.6	41.8	5.2	12.5	28.9	40.0	Shiphead 7.20
93.5	12.3	59.5	7.5	4.4	38.8	45.8	Shiphead 7.21
39.2	5.2	25.3	3.2	4.4	6.0	13.2	Shiphead 7.22
25.1	3.6	19.3	2.5	4.8	22.2	27.1	Shiphead 7.23
57.3	7.7	37.5	4.6	4.7	24.8	16.6	Shiphead 7.24
41.8	5.9	30.2	3.8	45.5	14.9	26.5	Shiphead 7.25
85.8	12.0	60.9	7.7	4.2	16.8	40.6	Shiphead 7.26
30.7	4.4	22.3	2.9	5.7	23.6	20.8	Shiphead 7.27
0.0	0.0	0.0	0.0	3.4	0.0	0.1	Shiphead 7.28

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4.9	0.6	2.8	0.3	1.4	5.9	0.8	Shiphead 8.1
1.8	0.2	1.1	0.1	1.7	2.1	0.2	Shiphead 8.2
2.9	0.3	1.7	0.2	1.7	4.3	0.6	Shiphead 8.3
1.7	0.2	1.0	0.1	1.7	1.7	0.2	Shiphead 8.4
2.6	0.3	1.5	0.2	1.8	2.1	0.3	Shiphead 8.5
2.0	0.2	1.2	0.1	1.5	2.5	0.4	Shiphead 8.6
4.1	0.5	2.4	0.3	1.8	4.5	0.6	Shiphead 8.7
3.1	0.4	1.8	0.2	1.7	4.8	0.8	Shiphead 8.8
3.4	0.4	2.0	0.2	1.9	5.1	0.6	Shiphead 8.9
4.2	0.5	2.6	0.3	6.2	6.0	0.8	Shiphead 8.10
2.5	0.3	1.4	0.2	1.8	2.5	0.2	Shiphead 8.11
2.8	0.3	1.7	0.2	2.1	4.4	0.6	Shiphead 8.12
3.3	0.4	1.9	0.2	2.0	4.7	0.6	Shiphead 8.13
1.8	0.2	1.1	0.1	2.6	2.1	0.3	Shiphead 8.14
3.3	0.4	1.9	0.2	0.2	2.6	0.4	Shiphead 8.15
1.6	0.2	0.9	0.1	0.4	2.4	0.2	Shiphead 8.16
2.0	0.2	1.1	0.1	0.7	4.2	0.5	Shiphead 8.17
2.2	0.3	1.3	0.2	1.0	3.9	0.5	Shiphead 8.18
3.8	0.4	2.1	0.3	0.7	1.9	0.3	Shiphead 8.19
4.0	0.5	2.4	0.3	0.7	5.0	0.6	Shiphead 8.20
117.3	14.4	70.1	8.3	12.3	101.3	13.8	Shiphead 8.21
37.5	4.5	21.7	2.6	5.5	38.7	4.7	Shiphead 8.22
31.3	3.9	18.6	2.2	9.2	42.0	5.4	Shiphead 8.23
24.5	3.0	14.9	1.7	13.5	31.8	3.9	Shiphead 8.24
33.3	4.1	20.6	2.5	9.3	38.4	5.1	Shiphead 8.25
78.8	10.3	52.2	6.6	7.9	70.8	12.0	Shiphead 8.26
47.5	6.1	30.2	3.8	5.1	53.3	7.7	Shiphead 8.27
22.4	2.7	12.7	1.5	4.9	31.2	4.6	Shiphead 8.28
50.1	6.3	30.0	3.7	3.7	36.9	6.2	Shiphead 8.29
26.4	3.3	15.4	1.8	7.8	27.7	4.1	Shiphead 8.30
27.5	3.5	15.4	1.9	7.6	26.5	4.0	Shiphead 8.31
31.4	4.0	18.9	2.3	10.9	38.9	4.7	Shiphead 8.32
25.9	3.2	14.9	1.8	2.9	34.8	4.4	Shiphead 8.33
27.8	3.6	17.7	2.1	6.2	20.1	2.7	Shiphead 8.34
32.5	3.8	18.0	2.1	6.4	42.9	5.1	Shiphead 8.35
47.7	5.8	26.6	3.3	3.9	49.0	5.9	Shiphead 8.36
49.6	6.0	29.7	3.6	2.6	27.9	4.5	Shiphead 8.37
21.2	2.7	12.8	1.5	7.4	22.0	2.7	Shiphead 8.38
19.4	2.4	10.6	1.3	2.3	28.0	1.9	Shiphead 8.39
34.0	4.0	18.5	2.2	79.6	29.5	3.6	Shiphead 8.40
1.1	0.1	0.7	0.1	1.0	0.4	0.1	Shiphead 9.1
2.3	0.3	1.5	0.2	0.9	0.5	0.1	Shiphead 9.2
4.7	0.6	2.6	0.3	0.9	2.4	0.3	Shiphead 9.3
2.6	0.3	1.5	0.2	1.4	3.6	0.6	Shiphead 9.4
1.3	0.2	1.0	0.1	2.6	0.3	0.1	Shiphead 9.5
0.0	0.0	0.0	0.0	1.1	0.0	0.0	Shiphead 9.6
0.7	0.1	0.5	0.1	0.7	0.1	0.0	Shiphead 9.7
1.7	0.2	1.2	0.2	0.9	0.3	0.2	Shiphead 9.8

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1.2	0.1	0.7	0.1	0.4	1.7	0.3	Shiphead 9.9
0.2	0.0	0.1	0.0	0.2	0.0	0.0	Shiphead 9.10
0.8	0.1	0.5	0.1	0.3	0.1	0.1	Shiphead 9.11
0.0	0.0	0.0	0.0	0.2	0.0	0.0	Shiphead 9.12
0.8	0.1	0.5	0.1	0.4	0.1	0.0	Shiphead 9.13
0.0	0.0	0.0	0.0	0.3	0.0	0.0	Shiphead 9.14
0.0	0.0	0.0	0.0	0.2	0.0	0.0	Shiphead 9.15
2.1	0.3	1.1	0.1	0.4	2.1	0.4	Shiphead 9.16
1.3	0.2	0.7	0.1	0.3	1.8	0.3	Shiphead 9.17
0.0	0.0	0.0	0.0	0.4	0.0	0.0	Shiphead 9.18
0.0	0.0	0.0	0.0	0.3	0.0	0.0	Shiphead 9.19
1.2	0.1	0.7	0.1	0.5	2.1	0.4	Shiphead 9.20
13.3	1.6	7.7	0.9	5.5	14.6	2.7	Shiphead 9.21
1.6	0.3	1.3	0.2	1.5	0.5	0.2	Shiphead 9.22
2.2	0.3	1.4	0.2	11.5	1.6	0.4	Shiphead 9.23
10.4	1.4	6.5	0.7	9.4	21.1	3.5	Shiphead 9.24
12.2	1.5	6.9	0.9	4.9	12.8	1.7	Shiphead 9.25
0.0	0.0	0.0	0.0	2.8	0.0	0.0	Shiphead 9.26
6.0	0.8	3.9	0.5	1.9	1.1	0.5	Shiphead 9.27
10.0	1.4	6.9	0.8	2.2	0.9	1.1	Shiphead 9.28
1.7	0.2	1.0	0.1	25.4	0.6	0.1	Shiphead 9.29
11.0	1.4	6.1	0.8	6.3	24.2	4.0	Shiphead 9.30
1.2	0.2	0.8	0.1	3.1	0.2	0.1	Shiphead 9.31
0.0	0.0	0.0	0.0	6.2	0.1	0.0	Shiphead 9.32
21.3	2.7	13.1	1.6	20.9	5.4	10.7	Shiphead 9.33
12.7	1.6	7.6	0.9	7.5	23.9	3.7	Shiphead 9.34
15.7	2.4	13.6	1.9	3.7	25.2	9.9	Shiphead 9.35
9.2	1.1	5.0	0.6	1.7	8.1	1.6	Shiphead 9.36
17.0	2.2	10.8	1.3	1.4	6.5	17.0	Shiphead 9.37
31.2	4.1	19.9	2.3	9.0	21.1	30.9	Shiphead 9.38
26.9	4.7	27.0	3.9	4.9	7.5	0.4	Shiphead 9.39
25.8	3.1	14.7	1.8	3.3	31.0	5.3	Shiphead 9.40
41.7	5.3	26.1	3.2	5.6	96.1	57.6	Shiphead 9.41
20.7	2.7	14.3	1.7	1593.4	15.3	11.1	Shiphead 9.42
39.3	6.9	41.3	5.9	4.9	32.3	0.5	Shiphead 9.43
0.0	0.0	0.0	0.0	1.3	0.1	0.0	Shiphead 9.44
0.0	0.0	0.0	0.0	3.2	0.0	0.0	Shiphead 9.45
15.1	1.8	8.3	1.0	4.0	12.9	2.4	Shiphead 9.46
27.5	4.5	25.5	3.6	2.7	12.8	0.4	Shiphead 9.47
22.6	2.8	13.8	1.7	6.7	18.1	2.4	Shiphead 9.48
7.2	0.8	3.4	0.4	3.0	5.9	1.0	Shiphead 9.49
7.3	0.9	3.9	0.5	22.7	11.3	1.9	Shiphead 9.50
0.0	0.0	-0.1	0.0	2.5	0.0	0.0	Shiphead 9.51
5.6	0.7	4.1	0.5	45.7	2.4	1.0	Shiphead 9.52
26.9	4.0	21.8	3.0	13.0	13.5	15.8	Shiphead 9.53
14.6	1.9	9.1	1.1	12.9	12.5	2.8	Shiphead 9.54
21.6	2.5	12.6	1.5	8.1	20.0	4.7	Shiphead 9.55
18.8	2.7	15.1	1.9	12.7	29.0	16.6	Shiphead 9.56
43.3	5.8	28.2	3.4	12.4	19.1	4.2	Shiphead 9.57
42.5	4.2	17.3	1.8	122.2	1.1	3.9	Shiphead 9.58
40.4	5.5	25.5	3.1	2.6	16.4	3.8	Shiphead 9.59

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58.0	8.3	42.3	5.4	11.8	12.5	12.5	Shiphead 9.60
30.4	3.7	16.6	1.9	5.3	24.9	41.3	Shiphead 9.61
38.8	5.1	25.3	3.0	3.5	31.3	6.9	Shiphead 9.62
53.5	6.6	31.7	3.7	19.6	20.6	20.3	Shiphead 9.63
20.6	2.7	13.0	1.6	3.3	28.2	5.6	Shiphead 9.64
18.5	2.3	10.4	1.2	15.5	23.7	3.8	Shiphead 9.65
24.3	3.3	15.3	1.9	12.9	7.0	15.5	Shiphead 9.66
18.2	2.2	9.9	1.2	19.3	22.8	35.3	Shiphead 9.67
11.3	1.3	6.6	0.8	78.2	14.1	3.0	Shiphead 9.68
39.6	4.6	22.5	2.8	12.0	45.9	72.9	Shiphead 9.69
19.7	2.6	12.2	1.5	68.1	15.4	10.7	Shiphead 9.70
37.0	5.1	24.8	3.0	9.0	19.9	4.1	Shiphead 9.71
26.8	3.6	17.6	2.1	6.5	20.3	3.5	Shiphead 9.72
17.8	2.2	10.2	1.3	65.2	24.2	5.0	Shiphead 9.73
25.9	3.2	16.0	2.0	9.9	22.0	3.8	Shiphead 9.74
1.2	0.2	0.9	0.2	2.6	0.9	0.2	Shiphead 9.75
31.6	4.1	20.2	2.4	2.9	13.6	3.6	Shiphead 9.76
21.4	2.8	13.2	1.6	9.5	14.6	3.2	Shiphead 9.77
13.9	1.7	7.7	1.0	6.8	6.5	1.1	Shiphead 9.78
0.0	0.0	0.0	0.0	7.5	0.0	0.0	Shiphead 9.79
15.0	1.9	8.7	1.1	24.6	13.7	2.8	Shiphead 9.80
20.5	2.6	12.5	1.6	6.5	16.6	3.6	Shiphead 9.81
18.1	2.3	12.9	1.7	6.5	11.1	14.8	Shiphead 9.82
11.8	1.4	6.3	0.8	56.7	16.4	2.6	Shiphead 9.83
9.9	1.3	5.7	0.8	10.8	9.1	1.6	Shiphead 9.84
7.5	1.0	4.2	0.5	1.5	11.5	1.9	Shiphead 9.85
14.9	2.0	9.8	1.2	10.6	11.0	1.9	Shiphead 9.86
15.2	1.9	9.2	1.1	7.6	4.9	7.4	Shiphead 9.87
3843.3	1302.6	3656.2	2349.5	4287.3	39.6	446.1	Shiphead 9.88
2159.6	1119.0	1890.3	753.7	5569.5	249.2	115.7	Shiphead 9.89
951.4	758.5	1960.3	637.6	5195.6	477.0	509.1	Shiphead 9.90
1252.5	446.5	810.9	485.2	5253.1	308.9	422.2	Shiphead 9.91
40.6	5.2	23.9	2.8	2.4	32.8	5.8	Shiphead 10A.1
41.1	5.2	25.6	3.2	1.4	9.1	2.7	Shiphead 10A.2
39.3	4.9	23.6	3.0	4.0	20.8	3.5	Shiphead 10A.3
23.4	2.9	13.4	1.7	6.3	8.1	1.4	Shiphead 10A.4
71.2	8.7	41.0	4.9	6.6	32.8	5.6	Shiphead 10A.5
37.2	4.5	21.8	2.6	2.7	52.1	3.8	Shiphead 10A.6
60.2	7.5	34.0	4.2	4.1	40.8	7.4	Shiphead 10A.7
28.4	3.7	17.6	2.2	3.9	13.3	2.3	Shiphead 10A.8
36.2	4.5	21.8	2.6	7.4	25.1	3.1	Shiphead 10A.9
111.7	14.7	70.7	8.8	5.9	38.7	8.9	Shiphead 10A.10
54.9	6.8	31.5	3.8	5.2	25.0	4.6	Shiphead 10A.11
127.9	15.8	73.8	9.1	5.3	49.2	15.2	Shiphead 10A.12
52.9	7.1	34.6	4.6	29.0	49.2	13.3	Shiphead 10A.13
95.2	11.7	55.1	6.6	13.0	47.0	13.9	Shiphead 10A.14
38.0	4.9	23.6	2.8	23.5	29.0	6.4	Shiphead 10A.15
20.3	2.7	14.0	1.8	15.2	14.7	5.5	Shiphead 10A.16
48.2	6.2	29.0	3.7	45.7	59.7	12.0	Shiphead 10A.17

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29.4	3.5	16.6	2.0	61.4	11.7	1.9	Shiphead 10A.18
29.6	3.7	17.3	2.2	9.8	23.8	3.7	Shiphead 10A.19
44.5	5.5	26.2	3.0	16.5	32.5	6.9	Shiphead 10A.20
41.5	5.5	26.5	3.4	14.6	13.8	3.3	Shiphead 10B.1
43.8	5.3	24.4	3.0	43.2	16.8	5.1	Shiphead 10B.2
30.6	4.0	20.0	2.6	7.4	17.7	3.6	Shiphead 10B.3
46.9	6.0	28.7	3.4	8.7	26.9	12.8	Shiphead 10B.4
19.5	2.6	12.4	1.6	9.9	22.8	4.5	Shiphead 10B.5
99.6	12.6	60.4	7.2	27.3	37.0	8.1	Shiphead 10B.6
71.9	9.4	46.6	5.6	8.5	41.8	8.2	Shiphead 10B.7
36.7	4.7	21.5	2.7	4.6	13.4	3.1	Shiphead 10B.8
57.8	7.4	37.3	4.6	5.8	22.9	5.9	Shiphead 10B.9
24.1	3.1	16.8	2.3	10.7	7.7	2.9	Shiphead 10B.10
18.5	2.3	10.7	1.3	13.7	8.5	1.1	Shiphead 10B.11
72.9	9.2	44.3	5.2	19.2	25.4	5.4	Shiphead 10B.12
59.4	7.4	34.2	4.3	9.2	20.7	4.8	Shiphead 10B.13
29.2	3.8	19.0	2.4	19.1	28.8	4.1	Shiphead 10B.14
66.8	8.2	39.7	4.8	6.8	29.1	5.9	Shiphead 10B.15
25.0	3.3	17.2	2.2	14.2	10.6	1.9	Shiphead 10B.16
30.0	3.8	18.6	2.2	10.3	11.0	2.1	Shiphead 10B.17
45.6	5.7	28.7	3.6	12.0	18.3	3.5	Shiphead 10B.18
108.2	13.6	64.7	8.0	28.1	42.4	8.5	Shiphead 10C.1
4.3	0.5	2.5	0.4	7.8	2.0	0.9	Shiphead 10C.2
47.9	6.4	30.8	3.9	2.9	23.1	5.1	Shiphead 10C.3
0.0	0.0	0.0	0.0	10.0	0.0	0.0	Shiphead 10C.4
13.2	1.8	8.4	1.1	51.3	5.7	1.4	Shiphead 10C.5
52.2	6.8	32.5	4.1	5.0	14.7	4.2	Shiphead 10C.6
26.3	3.4	15.6	1.9	8.5	12.8	2.4	Shiphead 10C.7
39.4	4.8	23.2	2.9	3.2	12.5	2.9	Shiphead 10C.8
0.0	0.0	0.0	0.0	1.5	0.0	0.0	Shiphead 10C.9
23.9	3.0	15.3	1.9	1.7	13.1	2.2	Shiphead 10C.10
21.4	2.6	12.3	1.4	-3.0	6.9	1.9	Shiphead 10C.11
29.4	3.7	17.4	2.1	-3.4	7.0	2.0	Shiphead 10C.12
50.7	6.0	27.7	3.5	-1.6	18.5	5.3	Shiphead 10C.13
48.8	6.0	29.5	3.5	-1.1	14.9	3.7	Shiphead 10C.14
34.4	4.5	22.1	2.6	-1.9	8.5	2.5	Shiphead 10C.15
47.2	6.0	29.3	3.6	-2.7	10.2	2.8	Shiphead 10C.16
12.0	1.7	8.8	1.0	-2.4	3.8	1.4	Shiphead 10C.17
20.6	2.5	11.1	1.3	-2.1	1.9	1.2	Shiphead 10C.18
32.8	4.1	20.1	2.4	-2.3	7.0	2.6	Shiphead 10C.19
16.2	2.2	10.5	1.3	-0.8	15.7	3.0	Shiphead 10C.20
149.5	20.5	103.4	13.2	12.9	43.7	8.9	Shiphead 11A.1
64.9	8.8	44.3	5.7	34.6	16.9	3.8	Shiphead 11A.2
182.3	25.5	126.6	16.7	5.8	57.6	13.4	Shiphead 11A.3
88.3	11.9	59.0	7.6	8.2	18.4	5.2	Shiphead 11A.4

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108.6	14.6	73.8	9.4	4.5	24.8	6.0	Shiphead 11A.5
0.0	0.0	0.0	0.0	3.1	-0.2	0.0	Shiphead 11A.6
66.0	9.1	45.9	5.9	4.3	26.3	6.1	Shiphead 11A.7
118.2	17.3	89.7	11.8	3.7	40.5	7.1	Shiphead 11A.8
106.1	15.0	76.9	10.2	3.6	27.7	6.0	Shiphead 11A.9
55.8	7.4	36.6	4.8	2.3	19.1	3.5	Shiphead 11A.10
94.7	13.0	66.5	8.7	12.0	26.0	5.7	Shiphead 11A.11
210.5	29.1	151.3	19.4	6.0	45.8	12.8	Shiphead 11A.12
70.3	10.0	52.1	7.0	49695.1	11.0	2.9	Shiphead 11A.13
0.0	0.0	0.0	0.0	4.2	0.0	0.0	Shiphead 11A.14
162.9	22.7	116.4	15.0	55.5	43.2	9.1	Shiphead 11A.15
93.2	12.9	63.8	8.4	6.7	29.1	8.5	Shiphead 11A.16
72.2	9.5	49.3	6.2	9.5	17.3	5.9	Shiphead 11A.17
55.6	7.7	39.5	4.9	52.2	16.3	4.9	Shiphead 11A.18
71.6	9.9	50.3	6.5	5.5	18.4	5.2	Shiphead 11A.19
87.7	11.8	59.4	7.7	10.3	25.3	7.9	Shiphead 11A.20
93.1	12.7	64.0	8.2	15.5	50.5	8.2	Shiphead 11B.1
219.6	31.5	162.1	21.2	22.1	65.4	13.6	Shiphead 11B.2
138.9	18.9	99.4	12.6	16.9	42.4	8.8	Shiphead 11B.3
51.1	7.1	36.0	4.7	9.0	22.6	4.6	Shiphead 11B.4
113.4	16.0	84.5	11.2	26.6	46.7	7.9	Shiphead 11B.5
106.6	15.5	80.9	10.7	7.1	18.7	6.0	Shiphead 11B.6
117.7	17.5	93.1	12.2	46.0	22.7	5.7	Shiphead 11B.7
114.4	15.4	79.2	10.3	27.7	22.8	7.3	Shiphead 11B.8
76.6	10.5	56.1	7.3	27.0	13.9	4.3	Shiphead 11B.9
53.2	7.7	40.1	5.1	26.8	21.3	4.1	Shiphead 11B.10
44.3	6.4	33.0	4.5	10.3	8.4	2.3	Shiphead 11B.11
62.3	8.9	45.6	5.8	18.0	20.8	6.0	Shiphead 11B.12
67.7	9.6	49.1	6.7	36.4	11.7	4.7	Shiphead 11B.13
52.1	7.1	36.3	4.7	3.1	13.1	4.1	Shiphead 11B.14
186.1	27.4	143.6	18.7	28.0	64.6	16.8	Shiphead 11B.15
37.9	5.4	27.3	3.6	14.1	13.1	2.3	Shiphead 11B.16
155.8	21.9	111.6	14.4	35.6	48.7	12.6	Shiphead 11B.17
1129.6	154.3	768.5	92.7	44.3	68.3	143.3	Tioga B 8500-1.1
513.8	72.4	369.0	45.7	49.8	13.9	64.0	Tioga B 8500-1.2
322.6	46.4	237.5	28.9	24.1	25.2	36.1	Tioga B 8500-1.3
320.3	43.5	219.6	26.3	17.0	38.6	54.3	Tioga B 8500-1.4
782.7	112.4	564.7	69.9	45.1	23.8	95.7	Tioga B 8500-1.5
320.1	45.2	220.0	27.4	30.7	42.5	63.6	Tioga B 8500-1.6
469.8	65.8	329.5	40.1	42.1	38.8	63.2	Tioga B 8500-1.7
235.5	33.1	170.5	20.3	58.5	5.4	27.4	Tioga B 8500-1.8
730.7	99.5	506.1	60.3	24.5	115.5	92.4	Tioga B 8500-1.9
213.4	30.5	151.8	18.6	18.6	23.9	25.4	Tioga B 8500-1.10
117.9	16.5	83.7	10.3	8.9	9.2	15.8	Tioga B 8500-1.11
0.1	0.0	0.1	0.0	5.3	0.0	0.0	Tioga B 8500-1.12

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82.9	11.4	56.2	6.8	4.5	1.9	9.4	Tioga B 8500-1.13
81.1	11.4	57.3	7.0	3.5	6.3	9.0	Tioga B 8500-1.14
55.1	7.4	35.1	4.4	4.4	8.0	10.6	Tioga B 8500-1.15
146.8	20.6	105.4	13.1	8.6	3.3	20.8	Tioga B 8500-1.16
101.9	14.3	71.9	8.9	4.9	4.1	11.0	Tioga B 8500-1.17
130.1	18.2	92.3	11.1	8.2	3.6	14.6	Tioga B 8500-1.18
141.4	19.5	96.5	12.0	12.9	10.3	20.0	Tioga B 8500-1.19
36.2	5.0	24.8	2.9	3.7	4.2	5.1	Tioga B 8500-1.20
237.2	33.4	164.4	20.3	17.6	13.3	31.6	Tioga B 8500-2.1
198.0	28.2	140.7	17.1	11.5	3.4	20.2	Tioga B 8500-2.2
201.6	28.8	146.4	17.7	12.7	11.9	29.9	Tioga B 8500-2.3
94.6	13.9	70.6	8.5	9.5	3.1	10.7	Tioga B 8500-2.4
71.4	10.0	50.9	6.0	3.7	1.9	8.1	Tioga B 8500-2.5
115.8	16.6	83.7	10.3	7.6	3.5	14.0	Tioga B 8500-2.6
73.8	9.9	47.0	5.7	3.6	5.9	15.7	Tioga B 8500-2.7
0.1	0.0	0.1	0.0	3.4	-0.1	0.0	Tioga B 8500-2.8
42.2	6.0	29.4	3.6	7.8	2.2	4.6	Tioga B 8500-2.9
84.8	12.0	60.3	7.2	9.3	4.5	9.7	Tioga B 8500-2.10
148.7	20.6	103.9	12.4	8.0	-69.1	19.8	Tioga B 8500-2.11
70.1	9.7	49.0	5.9	3.6	-84.0	7.7	Tioga B 8500-2.12
100.6	14.0	70.6	8.5	16.6	-86.5	11.2	Tioga B 8500-2.13
84.8	12.2	62.0	7.5	4.9	-88.7	10.0	Tioga B 8500-2.14
105.0	14.4	71.5	8.6	2.0	-89.1	13.3	Tioga B 8500-2.15
156.1	23.2	121.7	14.1	6.1	-18.1	18.3	Tioga B 8500-2.16
104.6	16.0	62.0	9.9	23.7	48.7	14.1	Tioga B 8500-2.17
84.4	10.7	58.7	7.4	38.3	-15.2	9.7	Tioga B 8500-2.18
74.3	9.9	49.7	6.6	7.1	-64.6	9.4	Tioga B 8500-2.19
69.2	9.9	49.1	6.3	24.6	-55.2	9.3	Tioga B 8500-2.20
202.9	28.6	141.8	17.4	22.6	-11.0	22.8	Tioga B 8500-2.21
252.7	35.0	172.0	21.4	7.2	-16.1	42.3	Tioga B 8500-2.22
70.8	10.4	51.0	6.4	6.5	-25.3	7.5	Tioga B 8500-2.23
185.2	26.1	126.1	15.5	7.4	-13.7	30.5	Tioga B 8500-2.24
178.6	25.0	122.9	15.1	4.1	-24.2	20.0	Tioga B 8500-2.25
191.2	26.3	127.4	15.4	4.3	-19.0	24.8	Tioga B 8500-2.26
78.4	11.1	56.2	6.7	3.0	-26.7	9.0	Tioga B 8500-2.27
282.2	40.0	197.5	24.3	6.3	-20.5	34.1	Tioga B 8500-2.28
100.2	14.5	70.4	8.8	3.9	-26.8	16.1	Tioga B 8500-2.29
219.3	29.8	146.9	17.7	7.7	6.0	64.1	Tioga B 8500-2.30
244.5	32.4	158.4	19.5	21.7	22.8	39.5	Tioga B 8500-3.1
151.1	21.6	105.1	13.3	19.1	2.9	18.0	Tioga B 8500-3.2
502.2	69.6	343.7	41.5	53.8	37.5	72.9	Tioga B 8500-3.3
422.5	58.7	287.8	35.1	22.5	35.6	86.9	Tioga B 8500-3.4
431.0	62.2	303.3	37.3	15.8	15.4	62.8	Tioga B 8500-3.5
225.3	31.5	153.7	18.8	69.1	9.8	35.8	Tioga B 8500-3.6
195.1	27.7	137.7	16.7	14.3	12.9	28.0	Tioga B 8500-3.7
328.4	46.4	229.3	27.9	51.6	30.0	64.7	Tioga B 8500-3.8
551.3	77.8	385.4	47.2	60.5	27.4	64.5	Tioga B 8500-3.9

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494.7	70.1	346.1	42.5	70.6	40.9	98.1	Tioga B 8500-3.10
22.5	3.2	15.6	2.0	1.7	2.6	4.0	Tioga B 8500-3.11
41.5	5.9	29.6	3.6	7.3	2.1	4.9	Tioga B 8500-3.12
19.0	2.6	13.9	1.7	3.7	0.6	2.3	Tioga B 8500-3.13
95.6	13.5	68.0	8.3	6.9	4.1	14.9	Tioga B 8500-3.14
36.7	5.1	26.1	3.1	3.6	3.0	4.9	Tioga B 8500-3.15
47.4	6.7	34.4	3.9	33.8	4.7	6.5	Tioga B 8500-3.16
68.2	10.3	51.4	6.3	3.9	10.1	34.8	Tioga B 8500-3.17
51.1	7.5	38.7	4.5	3.4	2.2	8.5	Tioga B 8500-3.18
46.5	6.6	31.5	3.8	14.7	3.0	5.6	Tioga B 8500-3.19
39.4	5.7	28.4	3.5	10.0	6.5	10.6	Tioga B 8500-3.20
186.7	26.0	128.1	15.7	11.6	42.8	33.7	Tioga B 8500-4.1
117.6	16.3	81.2	10.1	4.9	11.3	21.7	Tioga B 8500-4.2
105.4	14.9	74.2	9.3	8.0	8.4	17.5	Tioga B 8500-4.3
163.4	22.8	112.0	13.8	6.8	39.8	27.7	Tioga B 8500-4.4
192.0	27.0	134.1	16.4	6.0	33.5	32.3	Tioga B 8500-4.5
57.4	7.6	39.4	4.9	104.9	3.7	8.4	Tioga B 8500-4.6
144.2	20.2	103.0	12.7	6.0	30.0	20.8	Tioga B 8500-4.7
84.2	11.6	57.2	6.9	12.7	7.3	12.0	Tioga B 8500-4.8
94.3	13.0	62.6	8.1	9.4	11.2	23.1	Tioga B 8500-4.9
183.8	25.7	129.8	16.0	13.4	16.7	24.4	Tioga B 8500-4.10
94.9	13.3	66.8	8.2	12.3	10.7	15.1	Tioga B 8500-4.11
46.6	6.2	30.2	3.5	5.4	1.7	6.8	Tioga B 8500-4.12
95.5	13.1	63.5	7.8	17.7	15.8	15.1	Tioga B 8500-4.13
101.4	14.2	71.0	8.5	16.9	8.8	15.4	Tioga B 8500-4.14
15.1	2.0	9.8	1.1	3.3	2.8	1.5	Tioga B 8500-4.15
49.4	6.8	33.9	4.2	35.6	4.1	6.6	Tioga B 8500-4.16
100.3	14.1	69.1	8.5	4.3	10.4	15.4	Tioga B 8500-4.17
27.4	3.9	18.9	2.4	1.6	2.9	4.5	Tioga B 8500-4.18
85.3	12.1	60.8	7.3	3.2	4.5	10.1	Tioga B 8500-4.19
37.6	5.1	25.7	3.0	7.1	6.2	5.7	Tioga B 8500-4.20
91.3	12.7	62.1	7.5	4.4	10.5	17.7	Tioga B 8500-5.1
120.5	17.0	83.3	10.3	6.7	13.0	33.9	Tioga B 8500-5.2
124.7	17.3	87.3	10.5	11.8	15.8	31.7	Tioga B 8500-5.3
76.5	10.3	51.0	6.0	10.2	12.0	19.5	Tioga B 8500-5.4
71.1	9.7	47.3	5.8	8.0	7.8	20.3	Tioga B 8500-5.5
156.3	21.8	107.4	13.1	18.1	13.9	21.8	Tioga B 8500-5.6
77.6	10.7	52.7	6.4	10.7	1.3	8.9	Tioga B 8500-5.7
49.2	7.2	36.7	4.6	4.0	7.0	20.7	Tioga B 8500-5.8
118.8	16.8	85.5	10.4	9.1	16.3	21.3	Tioga B 8500-5.9
152.1	21.3	104.3	12.8	10.1	13.5	27.9	Tioga B 8500-5.10
104.0	14.4	72.5	8.7	5.3	4.6	15.4	Tioga B 8500-5.11
82.8	11.5	57.6	7.1	4.6	11.2	17.6	Tioga B 8500-5.12
94.1	13.4	66.8	8.4	10.2	11.8	19.3	Tioga B 8500-5.13
72.4	10.4	50.7	6.3	6.1	8.3	14.4	Tioga B 8500-5.14
182.4	25.8	125.3	15.3	9.4	9.5	29.4	Tioga B 8500-5.15
98.4	13.2	65.9	7.7	7.2	12.1	26.4	Tioga B 8500-5.16

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88.3	12.4	60.6	7.7	24.2	2.1	10.8	Tioga B 8500-5.17
118.9	16.6	82.9	10.0	3.8	9.5	20.5	Tioga B 8500-5.18
73.6	10.5	52.4	6.2	7.8	13.9	17.5	Tioga B 8500-5.19
43.7	6.1	30.4	3.6	6.1	7.3	16.6	Tioga B 8500-5.20
161.1	22.8	113.5	14.3	29.4	28.2	44.6	Tioga B 8502-2.1
101.7	14.6	74.2	9.1	34.1	9.4	12.2	Tioga B 8502-2.2
57.3	7.8	38.7	4.8	12.2	2.3	6.1	Tioga B 8502-2.3
0.0	0.0	0.0	0.0	42.5	0.0	0.0	Tioga B 8502-2.4
91.1	13.1	62.7	7.9	7.1	1.5	11.3	Tioga B 8502-2.5
229.8	33.5	168.6	20.5	24.2	28.4	55.3	Tioga B 8502-2.6
329.4	46.2	220.8	27.5	18.6	39.4	74.0	Tioga B 8502-2.7
239.0	33.7	168.7	20.8	32.9	26.2	42.9	Tioga B 8502-2.8
180.9	25.3	123.4	15.5	320.4	14.0	20.4	Tioga B 8502-2.9
154.2	21.9	108.6	13.4	6.8	7.7	19.5	Tioga B 8502-2.10
199.6	28.2	141.2	17.0	4.4	3.5	22.8	Tioga B 8502-2.11
160.2	22.3	111.8	13.4	5.9	4.3	20.8	Tioga B 8502-2.12
138.9	19.1	95.9	11.5	3.7	22.7	48.5	Tioga B 8502-2.13
270.4	39.2	199.1	24.3	8.9	16.7	39.0	Tioga B 8502-2.14
0.0	0.0	0.1	0.0	5.7	-0.4	0.0	Tioga B 8502-2.15
87.4	12.2	59.4	7.3	5.0	9.8	19.3	Tioga B 8502-2.16
229.3	32.0	157.1	19.2	9.7	25.2	44.3	Tioga B 8502-2.17
81.4	11.3	56.5	6.8	3.9	4.4	10.2	Tioga B 8502-2.18
184.1	25.0	123.9	14.7	6.6	26.4	62.5	Tioga B 8502-2.19
72.0	9.7	47.9	5.8	12.1	12.6	20.7	Tioga B 8502-2.20
158.5	22.5	112.0	14.1	7.5	10.9	18.7	Tioga B 8502-3.1
67.5	9.5	46.1	5.8	4.3	9.9	9.3	Tioga B 8502-3.2
38.4	5.4	27.4	3.5	21.1	5.3	6.3	Tioga B 8502-3.3
42.6	5.8	27.8	3.5	16.2	13.1	15.1	Tioga B 8502-3.4
56.9	8.1	38.3	4.8	5.2	2.5	6.2	Tioga B 8502-3.5
56.5	8.1	41.8	5.1	9.1	4.7	5.4	Tioga B 8502-3.6
20.8	2.8	13.6	1.7	7.4	1.9	2.9	Tioga B 8502-3.7
48.7	7.0	36.3	4.4	16.9	7.9	7.9	Tioga B 8502-3.8
75.7	10.6	50.5	6.4	15.8	17.7	25.2	Tioga B 8502-3.9
102.7	14.6	74.6	8.8	8.6	15.0	15.8	Tioga B 8502-3.10
106.8	14.7	73.5	8.9	4.5	22.6	34.4	Tioga B 8502-3.11
34.9	4.7	23.0	2.7	12.4	5.0	8.0	Tioga B 8502-3.12
57.6	8.0	41.0	5.1	31.3	9.1	10.5	Tioga B 8502-3.13
45.8	6.4	33.2	3.9	2.0	6.0	7.2	Tioga B 8502-3.14
62.5	8.4	40.7	4.9	6.4	8.9	8.7	Tioga B 8502-3.15
96.2	13.7	69.6	8.6	40.9	12.1	15.6	Tioga B 8502-3.16
70.2	10.0	49.1	6.0	1.9	5.1	9.0	Tioga B 8502-3.17
28.9	4.1	20.9	2.5	3.3	5.4	6.1	Tioga B 8502-3.18
45.4	5.9	29.3	3.5	18.1	4.9	6.1	Tioga B 8502-3.19
32.6	4.5	22.2	2.8	4.8	5.0	5.3	Tioga B 8502-3.20
73.5	10.9	54.5	6.8	155.0	2.3	9.9	Tioga B 8502-6.1

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66.0	9.3	48.0	5.8	6.2	2.4	7.6	Tioga B 8502-6.2
63.3	9.3	48.6	6.0	2.2	1.8	7.9	Tioga B 8502-6.3
90.0	12.8	65.8	8.0	4.6	3.4	4.3	Tioga B 8502-6.4
25.2	3.5	17.9	2.2	4.8	0.8	2.9	Tioga B 8502-6.5
98.3	13.9	70.6	8.4	15.9	2.6	12.7	Tioga B 8502-6.6
11.9	1.7	8.3	1.0	5.0	2.0	1.9	Tioga B 8502-6.7
0.2	0.1	0.2	0.0	2.5	0.5	0.1	Tioga B 8502-6.8
89.5	13.3	67.2	8.0	4.2	2.1	10.9	Tioga B 8502-6.9
49.3	7.0	36.9	4.5	8.7	3.5	6.6	Tioga B 8502-6.10
410.8	57.6	285.1	35.1	75.1	4.4	52.9	Tioga B 8502-6.11
462.9	58.2	280.7	33.7	83.6	80.5	43.4	Tioga B 8502-6.12
201.4	29.2	147.9	18.3	128.6	1.9	28.2	Tioga B 8502-6.13
239.2	30.5	147.6	17.9	117.3	92.3	29.4	Tioga B 8502-6.14
232.0	32.4	158.6	19.3	72.6	0.4	25.0	Tioga B 8502-6.15
232.1	32.2	161.7	19.6	86.5	14.2	32.1	Tioga B 8502-6.16
399.7	56.7	284.9	34.7	82.4	2.6	48.4	Tioga B 8502-6.17
361.3	52.5	266.0	32.4	243.9	5.8	46.1	Tioga B 8502-6.18
407.9	59.0	292.1	35.1	105.5	-2.8	48.2	Tioga B 8502-6.19
286.5	41.3	212.9	25.3	39.7	-1.9	33.3	Tioga B 8502-6.20
74.8	10.8	53.3	6.6	4.6	57.0	8.7	Tioga B 8502-7.1
102.7	13.6	65.6	8.2	11.7	41.2	13.7	Tioga B 8502-7.2
74.8	10.5	54.2	6.5	4.0	67.8	9.0	Tioga B 8502-7.3
117.8	16.3	81.3	9.8	7.1	7.8	13.7	Tioga B 8502-7.4
128.4	18.0	89.7	10.7	15.3	139.5	16.5	Tioga B 8502-7.5
105.5	14.2	72.0	8.5	8.9	95.3	15.3	Tioga B 8502-7.6
89.3	12.7	62.8	7.6	7.1	54.9	9.6	Tioga B 8502-7.7
59.8	8.1	40.6	4.9	13.6	10.2	7.8	Tioga B 8502-7.8
120.4	16.6	82.9	10.1	5.8	83.8	17.7	Tioga B 8502-7.9
61.8	8.1	39.0	4.9	1.9	2.1	7.4	Tioga B 8502-7.10
375.8	51.5	254.3	30.7	47.4	95.6	42.4	Tioga B 8502-7.11
268.2	36.2	176.2	21.4	40.5	291.0	37.0	Tioga B 8502-7.12
302.3	42.1	212.9	25.7	168.5	283.8	35.3	Tioga B 8502-7.13
394.7	54.9	269.6	33.2	47.9	393.9	48.9	Tioga B 8502-7.14
256.5	37.2	193.5	23.3	38.8	425.5	31.0	Tioga B 8502-7.15
343.7	50.2	248.8	29.7	25.7	19.1	36.9	Tioga B 8502-7.16
488.4	68.9	347.4	42.5	47.3	61.7	52.4	Tioga B 8502-7.17
180.8	25.4	128.5	15.6	77.7	75.0	21.8	Tioga B 8502-7.18
245.7	32.3	157.8	19.1	53.2	297.1	37.6	Tioga B 8502-7.19
412.0	58.0	289.6	35.6	37.2	28.7	48.8	Tioga B 8502-7.20
297.1	41.1	202.2	25.0	12.3	22.1	29.3	Tioga B 8602-3.1
307.5	43.2	215.1	26.6	7.3	7.7	38.4	Tioga B 8602-3.2
310.2	43.5	212.7	26.5	6.7	8.6	31.6	Tioga B 8602-3.3
364.2	51.7	254.1	32.0	6.8	8.9	35.7	Tioga B 8602-3.4
308.1	42.6	211.7	26.2	8.0	4.6	34.8	Tioga B 8602-3.5
434.6	61.8	307.1	38.5	10.2	10.3	50.6	Tioga B 8602-3.6
74.5	9.6	47.9	6.0	5.7	8.1	5.6	Tioga B 8602-3.7
304.9	41.7	201.1	24.8	6.5	6.8	39.4	Tioga B 8602-3.8

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287.5	41.2	202.6	25.4	5.8	5.0	32.8	Tioga B 8602-3.9
271.3	37.1	178.3	23.0	5.8	6.4	36.8	Tioga B 8602-3.10
559.4	79.4	394.3	48.4	29.9	13.8	67.8	Tioga B 8602-3.11
601.3	85.0	417.8	51.8	73.0	9.5	71.4	Tioga B 8602-3.12
777.1	113.5	561.5	68.7	29.8	13.7	90.3	Tioga B 8602-3.13
694.4	100.6	492.6	61.1	66.9	13.3	77.4	Tioga B 8602-3.14
742.6	106.4	530.0	66.1	57.1	13.9	88.2	Tioga B 8602-3.15
893.1	129.4	644.2	80.5	49.4	15.6	102.8	Tioga B 8602-3.16
914.3	131.1	637.4	79.8	52.0	12.7	100.2	Tioga B 8602-3.17
358.5	48.2	236.5	30.2	46.1	30.3	25.0	Tioga B 8602-3.18
369.0	47.8	236.4	29.5	139.3	82.0	27.4	Tioga B 8602-3.19
1274.4	181.0	883.9	109.4	56.5	27.8	140.0	Tioga B 8602-3.20
1305.5	182.0	901.7	111.5	104.9	26.6	151.2	Tioga B 8602-4.1
573.9	78.5	390.3	47.5	44.6	12.7	60.0	Tioga B 8602-4.2
559.9	77.0	370.3	45.2	31.2	21.6	78.9	Tioga B 8602-4.3
753.6	106.0	529.6	64.3	26.6	9.9	80.8	Tioga B 8602-4.4
2235.6	313.7	1557.4	190.2	86.5	62.0	269.4	Tioga B 8602-4.5
1131.9	158.4	785.1	97.4	48.5	24.5	123.6	Tioga B 8602-4.6
522.2	68.1	338.5	41.1	76.2	19.3	113.0	Tioga B 8602-4.7
216.7	28.3	140.1	16.6	53.1	4.7	28.3	Tioga B 8602-4.8
974.2	137.8	683.8	84.8	37.1	32.0	91.2	Tioga B 8602-4.9
643.3	91.3	465.9	56.9	31.2	19.3	67.8	Tioga B 8602-4.10
149.6	20.6	103.7	12.6	7.0	2.8	16.0	Tioga B 8602-4.11
137.0	18.6	91.7	11.3	5.4	3.2	15.4	Tioga B 8602-4.12
159.2	21.4	105.5	12.9	6.4	2.8	19.5	Tioga B 8602-4.13
79.4	11.0	53.5	6.7	5.7	1.9	9.5	Tioga B 8602-4.14
114.1	15.3	74.9	9.2	6.2	2.9	13.5	Tioga B 8602-4.15
81.2	11.1	54.4	6.6	4.7	2.0	8.4	Tioga B 8602-4.16
170.5	24.0	119.9	14.8	29.8	10.8	22.1	Tioga B 8602-4.17
111.9	15.8	76.8	9.7	8.4	3.1	15.3	Tioga B 8602-4.18
188.7	26.4	128.0	16.2	7.0	4.3	17.4	Tioga B 8602-4.19
149.0	21.5	109.2	13.1	6.2	3.5	17.9	Tioga B 8602-4.20

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P	Ca	Sr	Y	La	Ce	Pr	Nd	Sm
12.5	9.3	3.0	4.1	3.0	4.7	3.1	3.5	5.3
25.1	9.9	1.7	3.4	3.2	2.2	2.7	4.9	4.8
107.3	10.1	4.6	6.6	1.2	3.8	2.5	5.0	7.5
20.5	7.6	2.9	3.6	2.1	4.9	2.5	4.8	5.6
19.8	8.6	3.3	3.8	2.9	4.7	3.0	4.6	4.2
179.0	14.8	1.9	4.0	4.8	4.7	2.3	4.4	4.4
291.5	39.5	3.2	92.8	30.2	148.0	268.0	161.3	213.0
22.4	166.3	17.9	56.8	54.8	53.3	54.5	53.9	34.6
115.1	8.4	4.0	6.3	2.0	2.8	3.1	5.9	11.7
55.4	98.0	65.9	15.3	5.9	5.9	14.0	22.2	9.3
8.2	6.3	2.4	2.2	3.4	6.5	5.7	2.8	8.2
8.7	9.2	6.0	57.9	1.9	2.3	2.5	6.4	11.6
7.0	8.2	2.2	2.5	2.9	2.2	3.2	6.2	5.1
107.5	108.3	102.0	108.5	100.2	100.6	101.4	102.4	108.1
8.6	5.0	3.2	5.3	5.3	4.5	3.8	5.7	10.5
5.8	6.9	1.9	1.6	3.4	1.8	1.3	4.7	5.9
10.9	14.6	3.7	4.6	4.8	6.5	3.5	6.3	6.8
14.4	17.1	2.9	4.1	5.5	4.8	3.5	5.0	4.8
11.7	9.9	1.7	4.7	6.6	5.8	2.1	5.6	5.5
7.0	7.7	2.7	5.1	4.3	4.9	2.4	3.8	3.9
8.6	13.8	2.7	4.8	4.0	3.7	1.4	7.1	3.7
8.6	12.1	5.3	7.0	4.3	5.5	3.4	3.9	5.6
10.6	12.8	3.0	4.0	5.7	5.9	3.5	3.0	6.2
7.0	9.6	6.1	7.3	3.7	4.8	1.4	4.6	4.2
11.6	14.2	4.2	5.5	7.0	5.1	2.4	4.9	6.6
7.1	5.1	4.3	3.9	3.3	4.6	2.5	2.6	4.9
5.8	10.0	3.5	5.8	5.6	8.4	2.3	8.0	8.2
16.0	14.5	7.4	18.3	13.1	12.8	13.9	17.0	15.5
9.3	12.8	3.6	5.8	7.1	7.2	5.5	8.6	6.8
21.2	29.1	12.1	14.8	19.3	19.5	18.3	20.5	20.7
2.6	11.6	3.9	6.5	7.0	7.8	6.4	6.9	7.5
9.0	28.7	5.0	4.8	7.9	7.6	6.5	8.9	8.8
5.4	25.4	5.1	6.1	6.5	6.5	3.7	4.5	6.0
2.3	10.3	3.6	7.0	6.1	6.6	2.3	6.0	8.2
8.4	19.4	3.5	6.6	5.7	6.0	2.2	7.3	8.1
5.9	16.9	5.6	7.5	8.3	7.5	4.9	9.5	9.1
25.6	10.1	3.2	3.9	3.6	5.1	1.0	3.5	8.9
395.6	17.7	8.4	7.8	8.5	8.4	17.9	20.9	85.9
11.5	5.6	2.7	4.5	2.4	3.9	2.3	4.0	6.1

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45.5	10.5	3.2	5.2	4.1	4.5	1.6	5.6	5.5
45.7	11.5	4.4	4.6	3.5	1.9	5.1	8.9	9.8
21.2	7.8	2.0	3.2	4.2	4.2	2.1	6.1	8.4
30.7	9.1	4.2	5.3	5.3	4.5	5.6	4.8	7.5
25.0	9.0	3.6	4.2	5.5	3.0	5.2	3.5	10.8
60.1	10.6	4.8	5.2	1.3	6.0	6.0	7.4	5.2
81.1	8.2	6.2	3.8	2.5	4.5	5.6	7.8	8.9
14.0	8.5	2.6	2.8	1.6	3.0	2.8	4.3	5.9
38.0	8.6	1.8	2.5	4.4	4.2	3.2	5.1	10.3
25.8	8.6	2.2	3.4	3.8	2.3	2.0	3.8	6.5
36.3	8.7	2.9	5.2	4.9	3.2	3.0	5.1	6.5
30.4	8.3	3.5	5.0	3.1	3.3	4.1	7.7	10.5
51.8	9.2	1.8	6.4	4.9	2.7	3.8	4.7	12.0
131.4	9.2	4.2	5.1	4.9	2.8	4.2	5.6	15.6
22.5	8.0	2.0	3.3	2.9	3.3	1.3	3.3	6.1
117.5	16.1	6.2	9.8	52.8	14.2	57.2	245.1	665.9
40.3	7.5	2.6	2.6	3.1	3.1	0.9	3.0	4.4
9.1	10.6	3.4	6.0	6.2	7.1	5.0	7.5	7.8
8.1	11.9	3.3	5.2	5.2	5.7	2.9	6.4	6.9
6.9	10.9	4.4	5.3	4.4	5.8	2.1	6.5	5.9
7.0	11.1	3.7	6.6	4.4	5.1	1.6	5.2	6.0
8.9	8.5	4.9	6.4	5.6	4.7	1.0	6.1	5.8
8.9	11.9	3.6	6.5	5.0	5.5	2.3	4.4	6.7
12.0	14.3	5.4	7.8	4.5	4.7	0.9	4.2	6.2
6.8	10.7	4.5	5.2	5.5	6.6	3.3	4.1	7.4
8.6	8.7	5.6	6.7	4.9	5.0	1.7	6.6	4.7
8.2	9.7	4.8	6.6	4.5	4.4	1.4	3.6	4.7
2.6	7.2	3.4	5.2	6.0	6.0	4.0	3.8	6.4
2.8	6.8	4.0	5.1	6.3	7.7	4.4	5.5	7.5
3.0	9.4	2.7	4.7	5.0	3.8	1.8	10.0	4.4
5.3	16.0	2.3	5.7	5.8	8.5	3.8	6.4	7.8
4.3	10.7	4.1	7.1	8.0	5.6	1.3	9.1	9.1
4.3	4.6	3.1	5.6	8.4	10.9	2.6	7.2	9.6
3.8	10.1	5.7	5.4	4.2	6.1	4.5	5.3	7.0
4.1	5.5	2.8	6.0	8.2	7.9	2.5	7.5	6.9
2.5	7.4	2.3	4.9	6.7	6.6	2.5	7.3	8.9
3.5	10.1	4.3	5.2	4.6	5.8	2.6	7.3	4.5
42.6	6.7	2.2	3.1	2.8	1.2	4.6	2.9	2.5
60.1	6.0	2.0	3.6	2.5	1.6	2.6	2.9	2.8
43.8	4.7	4.4	3.2	3.5	2.5	2.1	5.4	3.4
22.0	5.2	2.6	3.4	3.0	1.8	3.4	4.7	2.3
26.1	4.8	2.6	2.6	2.8	2.2	4.2	5.4	2.9
32.2	4.3	3.8	3.2	2.8	1.7	3.1	5.9	3.4
34.4	3.6	2.7	3.4	4.3	1.4	3.5	5.0	2.8
31.0	6.4	2.9	3.2	4.1	2.1	5.4	6.9	5.2
29.9	6.5	3.0	3.4	3.9	2.4	2.9	4.7	4.7
20.1	6.9	2.7	3.5	5.3	1.9	5.4	6.7	5.0
22.5	10.2	3.3	4.5	3.7	4.1	2.9	3.1	5.4
31.5	4.0	3.7	3.5	2.8	4.0	2.7	5.2	5.1

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48.7	10.7	4.5	4.5	4.7	5.7	4.1	5.4	8.6
31.6	8.5	3.6	4.9	2.5	2.9	3.7	4.2	6.1
30.4	9.3	4.1	3.1	3.1	3.3	2.7	2.7	5.0
24.1	9.5	2.9	3.2	3.9	4.8	2.5	3.2	5.1
41.9	10.2	3.7	3.4	3.4	5.4	2.0	5.2	5.8
26.4	8.8	4.0	3.9	2.2	4.6	1.0	4.5	4.9
337.8	11.5	4.8	12.0	18.0	6.0	22.8	8.8	39.5
33.4	10.5	3.8	4.0	4.9	3.6	1.9	5.9	3.8
12.6	12.5	5.2	6.5	4.9	5.6	3.7	5.2	6.6
10.4	13.6	5.4	6.9	4.7	5.3	0.9	5.8	5.7
11.5	15.2	3.9	3.3	5.0	4.6	1.9	5.1	4.2
11.4	13.7	3.7	4.4	4.7	4.3	1.4	5.8	5.5
9.6	11.3	3.0	3.6	3.1	4.0	3.3	3.3	3.5
7.3	10.3	3.1	4.9	4.1	6.0	1.1	5.0	6.6
13.1	15.1	4.6	5.5	4.9	4.3	2.9	5.4	5.7
10.9	14.4	3.2	4.5	4.3	5.5	0.8	6.7	6.1
10.0	12.2	2.9	4.7	4.3	3.7	2.1	5.5	6.4
7.1	12.3	6.7	6.3	5.3	6.8	3.1	5.3	6.4
3.5	12.1	3.8	5.2	4.5	4.1	2.5	7.4	6.2
3.7	12.8	3.6	4.9	6.5	5.2	2.1	8.9	8.0
4.5	16.8	6.2	6.7	6.4	5.6	2.3	7.0	8.0
4.4	13.7	5.2	7.0	6.8	9.0	4.4	4.7	9.1
8.0	12.3	4.8	6.6	7.2	8.2	2.8	6.6	7.3
6.1	11.4	4.6	7.7	5.3	7.7	2.4	7.6	8.1
5.8	16.1	3.7	5.8	4.7	7.4	2.7	6.5	4.9
2.5	12.8	3.3	6.8	6.8	5.5	1.7	7.6	6.0
5.3	18.8	7.5	5.9	5.1	6.6	2.5	7.4	6.1
7.4	13.7	4.4	6.1	5.2	5.7	2.8	10.5	6.9
19.0	6.0	2.4	0.8	3.0	1.9	4.1	5.1	2.6
19.8	2.1	2.5	2.3	2.1	1.2	3.8	5.8	1.9
18.3	4.3	2.5	2.2	3.8	1.5	2.4	5.4	2.0
30.9	4.7	4.6	3.0	4.3	2.6	2.7	6.4	2.0
407.7	7.4	6.2	16.8	14.6	12.1	37.7	46.5	143.0
5.9	7.0	3.4	3.2	4.4	3.4	3.0	4.8	5.5
53.1	9.0	3.4	2.8	4.0	4.0	3.4	3.9	3.9
37.0	10.1	3.6	4.3	3.4	4.6	1.4	4.2	5.2
52.9	9.9	3.1	4.2	6.5	4.0	2.3	4.7	2.3
27.4	10.6	4.4	4.6	3.9	4.3	2.7	2.8	4.4
40.9	10.8	3.9	3.1	3.3	3.2	1.5	6.1	6.3
44.0	11.5	5.5	5.1	3.6	2.0	2.5	5.7	6.8
9.7	12.1	5.0	6.7	5.9	5.7	1.6	8.7	6.8
7.5	9.7	3.3	4.4	3.8	4.8	2.4	5.8	5.7
8.1	9.6	4.1	5.9	3.8	7.4	1.7	5.2	8.1
9.8	14.4	6.0	5.1	5.9	5.9	2.9	6.6	7.6
14.9	15.1	5.2	5.7	5.7	6.9	2.6	6.5	9.5
10.1	9.4	4.0	4.3	5.1	5.9	2.3	5.6	5.9
19.6	22.7	9.0	6.3	7.3	6.2	3.3	6.1	5.5
10.2	14.6	3.6	4.9	5.3	4.9	1.4	7.0	7.0
11.0	14.7	6.4	7.5	5.2	8.0	4.2	4.2	6.9

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264.7	23.5	24.0	74.8	104.1	85.7	488.3	291.7	51.3
7.1	6.7	4.5	5.9	6.8	5.9	3.7	5.4	5.7
5.8	12.8	5.1	5.1	4.5	5.9	2.6	6.3	5.4
8.6	26.3	7.6	7.5	6.3	6.3	4.3	8.7	8.5
8.0	26.8	8.5	6.8	4.9	7.2	2.6	6.9	7.2
5.3	10.6	4.0	5.0	6.4	5.5	2.3	6.3	6.4
5.1	10.3	15.5	5.6	8.4	9.0	1.9	5.6	9.1
5.8	12.1	4.8	4.7	8.4	7.7	3.5	7.4	8.8
5.1	8.5	3.6	4.6	7.8	11.0	4.4	4.2	10.7
3.8	10.7	7.3	6.3	7.6	8.2	2.7	5.1	7.8
7.5	12.2	5.8	4.7	6.1	6.3	2.5	8.0	6.2
11.0	9.3	2.6	4.9	4.5	1.6	1.2	4.8	2.4
34.1	6.2	1.1	3.0	3.6	2.6	2.9	5.2	2.0
44.8	5.2	2.8	2.9	3.6	1.9	3.6	4.0	1.7
70.8	8.8	3.9	2.5	2.8	1.7	2.2	6.5	3.7
57.9	6.8	2.6	1.9	3.3	1.5	4.5	6.7	4.6
77.8	8.8	4.2	3.0	3.0	1.1	4.8	6.4	4.3
54.8	12.0	2.6	2.5	3.5	2.7	1.5	4.8	6.3
600.5	115.1	11.2	110.4	127.2	202.7	1714.0	44.5	67.0
70.1	11.3	2.4	4.4	4.8	3.9	2.6	3.3	7.2
47.5	10.5	2.6	4.4	4.0	4.3	2.3	4.2	5.9
54.3	12.2	6.2	4.7	4.3	5.4	1.0	3.4	6.0
61.8	7.5	3.3	4.1	3.8	1.2	2.9	4.5	3.1
43.0	4.5	2.9	3.2	3.7	1.3	3.2	6.0	0.5
137.9	5.6	1.6	1.8	1.8	1.9	3.1	3.6	2.1
60.2	3.6	2.7	2.7	5.2	2.2	3.5	7.3	3.0
170.5	8.1	2.4	3.5	2.8	1.8	4.5	6.5	2.3
34.2	4.4	2.4	4.0	3.2	1.0	2.1	7.1	2.5
22.7	9.3	2.8	5.1	2.1	4.5	2.2	3.5	3.2
25.2	7.7	5.0	3.6	2.8	4.8	4.9	6.1	6.4
68.0	11.8	2.6	3.4	3.9	3.4	2.6	4.6	6.1
38.7	11.1	5.4	3.8	3.4	4.3	4.1	3.6	6.9
100.9	16.2	5.6	4.1	3.3	4.4	1.3	6.0	10.5
62.0	5.1	2.5	1.4	3.9	1.6	3.5	6.8	3.1
195.9	12.9	4.6	3.6	2.4	3.7	3.7	6.3	6.1
57.3	6.2	1.8	3.0	3.0	1.2	2.6	7.5	3.7
38.2	7.0	2.6	3.1	1.7	1.3	3.0	4.7	4.5
64.3	8.0	1.5	2.4	4.5	1.6	2.1	6.9	3.7
44.3	11.2	3.2	3.3	3.9	1.5	4.2	6.5	3.5
107.9	14.3	6.9	4.5	5.4	4.4	2.1	4.5	8.2
50.0	10.3	4.3	3.9	4.3	4.2	1.5	4.8	4.4
42.4	10.5	3.3	4.8	4.7	3.4	2.6	6.9	7.6
96.6	13.8	3.8	3.3	3.5	5.7	1.8	4.3	5.9
597.4	62.8	3.0	630.0	1048.7	461.4	1947.4	126.0	148.5
66.5	12.9	4.7	4.9	2.4	3.8	3.1	5.3	5.5

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69.0	10.8	2.0	126.4	2.8	3.4	4.2	7.9	6.9
176.6	6.0	1.2	3.0	1.6	2.2	4.5	7.0	5.4
43.9	8.2	4.1	3.2	4.3	1.8	5.5	5.3	4.5
2467.4	17.7	6.3	55.7	58.0	47.3	64.2	101.7	179.1
2809.8	19.3	8.6	4.1	105.9	70.4	168.2	279.9	163.2
68.4	8.7	2.5	3.9	2.8	1.2	2.4	6.1	4.6
185.1	24.2	10.8	20.1	7.6	11.9	19.2	15.8	20.8
28.2	11.1	4.5	5.2	3.3	3.9	1.2	6.3	2.8
817.0	14.0	4.9	8.8	7.4	11.3	17.9	21.8	30.7
118.5	416.2	9.3	13.0	11.8	12.2	45.9	54.7	178.5
31.7	8.4	2.6	4.0	2.3	3.0	1.1	3.9	5.5
387.2	26.6	36.4	20.9	31.0	67.1	74.5	101.8	200.1
15.5	7.3	5.5	5.9	3.2	5.0	3.1	4.6	6.0
11.9	11.2	2.0	2.1	3.5	2.6	0.8	4.0	3.1
32.7	19.3	4.6	3.1	6.2	8.2	2.7	10.1	20.6
268.5	59.3	7.2	7.9	18.9	23.0	47.6	58.0	546.0
123.1	192.5	3.5	27.4	96.8	54.4	79.5	91.9	93.9
33.9	6.7	3.6	3.5	4.2	3.4	3.9	5.4	4.4
278.2	60.3	5.7	4.4	6.3	2.5	13.5	19.4	47.6
193.8	9.8	3.2	5.0	4.0	4.1	5.8	6.1	19.6
2478.1	143.5	3.2	13.5	25.6	24.1	23.0	77.7	211.1
197.0	4.2	2.6	3.2	3.4	0.3	5.6	10.2	8.7
3344.7	46.3	5.6	68.6	22.8	102.1	38.7	72.6	1135.3
757.4	23.1	2.4	15.6	6.6	8.0	32.0	29.0	112.3
8.7	8.5	4.4	5.8	6.3	6.1	2.3	8.5	6.1
11.7	12.7	3.4	6.1	6.4	7.1	3.1	6.1	8.1
8.5	7.9	5.3	6.6	4.7	6.7	3.8	4.0	6.6
12.7	14.9	2.8	5.4	6.1	5.9	2.7	5.0	10.5
11.8	19.5	3.4	5.0	6.1	4.4	2.3	8.1	8.2
9.6	15.3	4.7	5.3	5.4	6.7	2.1	5.6	6.5
15.1	11.4	3.9	6.0	5.6	6.0	2.6	4.9	4.7
11.3	12.8	6.1	5.8	3.5	5.5	4.1	4.7	6.7
18.2	18.4	5.0	6.4	4.7	5.4	1.1	5.4	7.0
11.3	8.7	6.2	6.8	6.4	7.0	2.2	7.5	9.2
4.9	6.9	2.7	4.3	7.1	5.4	1.7	9.3	8.3
3.4	17.9	3.6	4.8	3.8	6.6	3.2	6.4	5.3
7.3	12.6	5.4	7.0	5.8	6.9	2.5	5.2	7.3
9.6	15.6	5.3	6.0	4.0	4.7	2.4	7.5	5.0
9.6	17.9	5.0	6.3	5.6	8.4	3.1	5.8	8.0
9.2	11.2	4.2	6.1	7.7	7.0	2.1	8.5	10.3
9.1	18.5	5.4	6.4	3.3	6.6	4.0	8.1	6.8
6.4	11.7	4.1	5.0	7.6	6.3	3.2	5.4	7.9
6.3	101.8	7.7	5.6	6.2	6.1	2.7	8.7	6.8
570.1	23.6	5.6	547.9	108.7	209.3	106.4	172709.4	132.7

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7.5	6.9	1.3	2.1	1.3	1.7	2.6	4.1	2.4
16.4	17.8	2.4	1.7	2.5	1.6	3.3	2.8	3.6
8.6	8.3	5.8	3.8	0.9	1.9	1.6	3.0	3.8
22.3	77.7	14.5	3.1	1.3	2.8	2.7	3.5	4.0
12.7	21.7	3.7	1.8	1.9	2.5	1.0	1.6	2.2
6.5	11.8	2.5	2.4	1.6	1.6	2.2	2.1	3.3
12.5	8.2	2.9	1.7	0.7	2.5	2.6	2.3	4.5
12.9	7.3	4.7	2.1	2.1	2.1	2.8	3.8	1.5
8.8	8.7	1.9	2.9	2.3	1.3	2.1	3.0	2.7
11.6	3.2	4.0	2.5	0.9	1.4	2.1	2.0	0.7
8.9	7.6	4.1	3.4	1.9	2.2	1.7	2.6	2.2
9.8	6.9	5.2	3.2	1.4	1.1	0.6	3.0	3.7
8.3	10.2	3.4	1.5	2.2	2.1	1.3	3.5	1.1
6.9	55.7	6.5	3.1	2.7	2.4	3.0	2.5	2.1
14.8	9.8	4.5	3.1	2.2	1.8	1.7	3.5	4.1
19.0	80.8	11.0	4.9	1.9	2.0	1.3	3.2	4.4
6.8	11.4	3.0	1.9	0.7	2.8	1.4	2.6	3.9
9.9	11.7	4.3	2.2	1.7	2.7	2.0	2.4	3.0
7.5	9.9	7.4	1.4	2.6	1.2	2.6	3.0	3.4
6.8	4.3	3.5	2.2	1.4	1.4	1.4	2.0	3.3
5.2	5.9	2.8	2.7	2.6	3.4	2.6	3.5	2.2
10.0	7.6	3.3	4.7	1.6	3.5	1.8	2.4	3.2
11.5	10.2	3.5	3.5	3.5	2.9	2.2	4.2	4.3
14.1	7.3	3.5	4.3	2.0	2.3	0.9	2.9	2.7
7.9	9.0	3.3	3.7	2.7	3.3	3.4	4.1	5.2
7.8	6.0	1.8	4.0	3.1	3.5	1.5	3.5	4.8
6.5	6.4	1.1	3.6	0.9	1.5	1.1	3.2	1.5
9.0	8.4	4.7	3.7	1.6	3.3	2.4	1.7	3.3
6.0	4.6	1.2	2.8	2.6	3.9	1.1	3.6	5.0
8.6	4.6	4.1	4.3	3.2	2.7	2.7	3.2	4.8
10.4	7.4	1.7	3.7	2.7	3.5	0.9	3.2	5.4
3.9	5.0	3.4	3.2	1.9	2.7	2.5	4.0	3.8
12.3	8.6	3.8	4.0	3.5	3.3	2.1	3.5	1.3
9.3	10.6	1.2	2.6	3.2	3.1	1.5	5.1	3.9
7.8	8.4	0.9	2.8	4.2	3.1	1.7	3.1	6.0
5.6	7.1	1.9	2.5	3.4	3.5	0.4	1.7	3.4
7.5	7.4	1.5	1.2	3.3	3.8	0.7	3.6	4.5
13.0	6.9	2.1	2.5	2.6	4.9	3.0	3.1	3.9
9.7	10.6	6.4	3.9	2.7	3.6	1.3	5.1	3.9
7.6	8.4	2.1	2.9	4.0	3.5	1.7	3.5	3.8
5.7	5.5	2.8	1.3	1.5	2.0	2.6	4.5	2.1
4.2	4.4	3.2	3.0	3.3	2.1	1.9	4.9	3.7
2.7	7.1	2.8	1.6	2.1	1.5	1.4	2.4	2.5
9.6	10.4	2.2	3.2	1.8	1.4	2.5	4.9	4.9
5.6	4.0	3.2	2.4	0.9	1.6	2.9	3.9	2.8
67.6	3.0	2.1	34.8	23.3	18.7	52.7	93.6	9.5
16.3	9.6	2.7	1.1	2.3	3.5	4.3	1.4	3.0
3.8	5.3	3.3	4.0	1.9	1.0	1.6	4.5	1.3

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19.3	13.7	6.2	2.4	1.4	1.9	2.6	2.5	2.0
17.9	19.3	4.4	2.2	3.3	2.7	3.2	5.5	11.7
7.9	8.5	2.2	3.1	3.7	3.4	1.1	4.4	5.1
41.8	1.6	1.0	34.9	22.7	14.2	61.2	32.5	494.7
5.6	4.1	1.8	2.2	2.7	3.0	1.5	5.7	4.6
35.6	2.6	0.7	7.7	7.5	12.1	44.7	48.5	111.3
11.6	2.8	0.6	17.4	13.1	20.5	47.9	101.6	55.1
10.8	19.0	5.7	2.2	2.2	1.9	2.1	3.0	3.5
26.0	12.0	12.1	2.8	2.1	2.0	2.5	3.1	2.6
35.2	2.7	1.3	10.3	22.7	21.1	74.6	67.1	405.2
51.8	24.8	11.6	1508.8	5.5	4.8	10.1	13.5	56.0
9.3	10.6	5.9	1.6	2.4	3.7	2.3	2.6	0.5
18.2	6.6	1.8	2.8	3.4	3.6	3.5	2.4	4.0
26.8	12.3	2.6	6.5	7.5	3.0	7.7	11.4	12.7
10.8	9.4	4.1	6.1	2.7	2.8	4.6	6.9	6.6
18.0	9.9	2.0	2.9	3.7	2.3	3.3	4.9	3.7
21.8	7.2	2.6	2.5	3.1	2.7	3.1	4.5	6.2
29.3	16.9	7.1	26.1	13.4	72.5	59.1	161.9	86.8
10.5	9.6	2.0	2.6	1.3	2.6	4.0	6.4	5.5
74.3	13.5	3.2	5.3	2.9	2.7	9.9	6.5	5.2
49.9	7.3	3.0	4.4	2.2	4.1	4.2	6.8	2.9
21.8	8.2	3.2	4.2	3.5	5.0	2.0	2.8	5.0
308.5	7.3	2.1	5.7	7.5	3.3	4.5	12.9	7.3
195.4	37.6	32.4	154.4	218.0	394.5	186.9	122.2	354.7
11.4	13.0	5.2	6.7	4.6	5.7	2.5	6.1	3.9
20.3	23.4	3.6	2.9	7.0	4.7	0.9	6.0	8.6
16.9	13.9	4.4	4.8	3.7	6.3	3.2	4.6	8.7
28.9	30.8	7.0	5.4	5.1	4.4	2.8	7.5	6.7
12.4	15.1	5.9	5.7	4.4	6.5	5.8	6.3	6.3
8.7	11.0	4.6	6.8	5.4	5.5	1.4	6.6	6.3
11.4	19.5	5.3	6.2	5.9	6.7	3.4	6.1	7.2
15.3	13.6	3.9	6.3	6.1	4.7	1.5	8.1	10.3
13.3	11.0	4.5	4.5	3.6	5.2	4.1	4.9	3.9
9.1	29.0	5.5	7.6	6.7	7.3	1.9	8.3	9.7
13.5	39.1	2.7	5.0	6.6	6.1	3.0	8.6	6.9
200.7	11.8	2.7	116.4	32.6	162.3	124.0	2640.1	375.4
128.6	28.5	3.7	912.6	147.2	170.2	109.7	456.2	109.4
9.9	36.0	8.3	5.9	5.8	6.8	3.0	6.1	7.8
9.6	41.0	4.7	5.0	6.6	5.9	2.9	3.0	7.6
3.2	17.3	5.5	5.7	6.3	5.9	2.2	7.5	5.8
14.7	89.0	22.0	7.6	5.7	6.2	5.3	8.8	6.1
21.8	295.0	7.7	5.3	5.7	6.1	0.8	5.8	8.4
56.5	26.1	3.8	599.4	2628.9	151.7	42.1	292.6	255.6
12.9	19.0	10.0	7.9	11.6	10.2	12.2	10.4	9.5
9.2	11.2	5.6	4.0	2.2	2.2	3.7	5.7	4.4
6.3	8.4	5.4	9.2	8.5	7.7	10.3	10.5	9.5
5.9	7.0	4.3	11.6	7.8	7.7	8.6	9.1	12.3
5.2	10.1	1.6	1.9	3.9	2.4	2.3	5.3	4.2
4.2	4.5	7.0	4.7	5.7	3.3	4.0	5.7	4.9
4.7	5.1	4.2	4.1	4.1	4.3	3.3	4.5	3.3
2.7	9.0	3.3	3.1	1.2	2.8	2.2	2.2	3.0

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3.7	3.4	2.3	2.1	1.6	1.5	1.9	4.1	6.4
2.7	5.6	2.7	2.5	2.2	1.4	1.9	1.9	3.7
3.1	16.8	2.0	2.8	1.1	2.3	2.0	1.1	2.1
2.5	6.6	3.7	3.1	2.1	1.6	1.3	2.5	3.5
3.6	8.3	0.7	1.4	2.5	1.3	0.8	2.5	3.3
3.5	39.1	6.1	2.7	2.0	1.2	2.7	1.9	3.8
2.4	11.9	3.1	2.3	1.8	1.9	1.7	1.1	4.1
4.3	19.3	2.6	2.8	3.0	1.4	2.8	2.5	2.0
4.6	18.3	2.3	2.4	1.7	1.6	2.2	4.3	4.2
3.6	5.4	0.5	1.9	1.7	1.8	1.0	3.0	1.3
3.6	13.7	2.1	1.4	2.4	2.6	1.7	2.3	1.3
4.0	11.6	3.3	1.7	1.9	1.1	1.8	3.2	2.9
1.8	14.6	5.7	2.9	1.6	2.2	0.8	4.3	4.5
3.2	6.4	1.8	4.1	2.4	1.8	1.5	3.1	5.7
4.5	10.2	2.4	2.9	1.4	1.9	1.1	2.9	2.7
5.5	9.6	3.3	4.5	1.5	2.1	1.4	4.3	9.8
3.5	10.9	2.3	2.1	2.6	2.5	3.8	1.4	3.0
3.5	14.0	1.7	2.2	2.3	1.4	2.1	3.4	5.7
4.4	21.8	5.5	3.5	2.0	2.1	2.0	1.5	4.0
234.8	24.1	14.4	58.6	52.9	126.7	101.6	140.2	106.9
4.3	4.2	3.2	1.9	0.9	2.2	1.8	2.6	3.0
4.5	33.2	3.3	2.4	2.0	1.8	1.9	2.1	4.7
0.7	4.2	1.4	2.6	2.0	1.5	1.8	1.5	4.6
3.7	20.5	2.2	2.4	2.1	1.8	1.9	3.7	3.5
9.1	24.0	4.2	2.6	1.2	2.1	2.5	1.8	3.8
8.9	72.7	9.5	2.0	1.8	2.3	1.9	2.4	3.7
3.6	28.8	4.9	2.6	2.0	1.5	2.3	2.5	1.5
4.6	29.7	4.2	4.0	2.0	1.7	3.0	2.5	5.4
4.6	5.6	25.4	38.1	105.1	129.8	162.8	111.5	227.3
4.7	3.6	15.6	114.0	55.8	34.8	137.1	47.9	236.8
4.5	4.2	23.8	54.5	133.8	123.1	70.7	104.8	176.9
6.6	6.7	16.0	82.8	61.4	71.2	78.6	164.2	99.9
24.7	3.5	1.3	1.8	3.9	1.5	3.0	6.8	3.8
13.6	4.8	2.6	2.6	3.6	2.6	4.0	2.8	1.5
23.8	7.5	2.7	3.0	3.7	1.3	3.2	4.3	2.1
27.0	6.8	2.4	3.1	2.5	1.6	3.1	5.9	0.9
9.6	5.6	4.4	4.1	2.5	1.8	2.1	3.0	3.0
15.9	3.4	3.3	3.1	1.4	1.0	4.0	3.9	3.4
22.4	7.1	2.3	2.8	1.6	1.0	2.1	4.0	2.6
20.5	4.7	1.0	1.7	3.4	1.1	2.7	6.4	2.2
17.9	4.8	3.3	3.3	1.9	1.3	1.8	2.4	1.7
8.1	5.6	1.5	2.2	3.0	1.8	1.9	3.0	3.5
12.2	9.1	3.3	3.1	2.7	3.5	1.0	5.4	3.8
12.3	4.9	4.4	5.2	3.7	5.2	2.6	4.0	5.6
11.7	8.2	3.1	3.8	3.6	2.6	0.4	4.9	3.9
13.1	7.2	3.3	4.7	4.3	4.5	2.0	4.2	5.1
27.7	9.7	1.9	3.3	5.1	3.6	1.9	7.1	7.3
6.2	8.9	3.5	4.9	3.2	5.0	1.9	5.4	7.6
7.6	7.9	2.8	3.3	3.3	5.2	1.8	4.8	4.4

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26.0	12.4	1.7	3.9	3.0	3.9	1.5	5.9	7.9
31.0	7.7	2.4	4.1	3.7	4.8	2.1	5.4	6.2
24.5	4.5	2.8	3.6	3.7	5.4	1.7	3.5	4.7
15.1	7.7	3.1	4.7	4.2	4.6	0.7	3.7	5.7
23.6	8.1	2.7	4.1	2.4	2.1	1.5	3.8	4.5
27.5	9.1	3.0	4.5	3.1	3.1	3.6	5.4	5.2
14.9	8.8	3.0	2.8	1.8	4.1	3.0	3.9	4.2
19.1	8.8	3.5	4.6	3.5	4.1	3.1	4.5	6.0
14.8	7.6	3.7	3.7	2.5	3.2	2.0	3.9	4.9
17.5	10.1	2.8	3.6	3.0	3.3	1.3	3.5	5.0
27.6	9.5	2.1	3.0	3.0	3.9	0.9	2.6	3.9
11.6	7.1	2.4	4.4	4.0	3.2	2.2	5.4	5.8
15.6	7.9	2.1	3.2	2.9	4.3	1.3	5.1	5.3
70.3	11.4	1.7	3.2	1.7	3.6	2.7	2.4	4.2
22.8	11.4	1.8	2.8	2.7	2.5	1.3	4.0	5.2
24.9	7.9	2.3	3.6	2.9	3.2	1.6	3.0	5.3
29.7	10.5	4.2	4.7	3.8	4.7	2.3	3.9	4.8
17.2	10.8	3.2	4.5	2.5	3.7	0.8	5.4	4.4
38.4	10.8	3.4	3.1	3.6	4.1	3.3	5.7	7.3
33.9	10.4	2.5	3.9	3.8	3.1	2.8	5.7	3.9
18.3	10.3	2.2	4.5	2.8	4.1	1.4	2.9	5.6
14.7	9.1	3.2	3.9	4.0	5.3	0.7	3.5	6.8
20.6	9.0	2.0	2.9	5.1	4.1	2.1	4.8	8.1
32.2	8.1	2.3	2.5	2.8	2.4	1.5	3.2	3.9
115.7	22.4	26.2	386.9	145.7	335.4	202.7	254.2	124.2
75.8	11.1	3.1	3.8	4.6	2.7	3.2	5.8	5.4
33.5	7.4	4.0	3.6	3.9	4.0	1.5	3.7	4.8
46.3	8.2	2.9	3.1	3.8	5.1	2.2	2.5	7.6
23.7	10.2	3.2	3.9	4.0	5.2	2.3	3.8	6.1
64.4	51.3	134.5	741.0	147.3	187.2	245.5	647.5	1465.2
26.2	8.0	4.1	4.0	3.7	4.2	3.2	3.5	3.8
11.7	13.1	3.4	4.7	4.4	4.7	1.5	5.3	8.0
11.6	8.8	1.6	3.9	4.7	5.2	0.9	5.6	5.9
8.9	12.3	3.6	4.6	4.4	5.0	1.5	2.9	6.3
13.5	10.6	3.4	6.2	5.2	4.6	0.9	5.1	10.0
15.3	14.8	3.7	5.3	2.4	3.2	2.0	4.5	4.0
10.4	10.1	2.5	4.7	3.8	4.5	3.1	4.1	4.5
15.2	15.2	4.0	4.7	4.5	5.2	2.5	4.5	4.6
15.1	11.7	4.0	3.1	4.9	4.6	3.4	3.4	4.8
12.5	14.6	3.3	3.8	2.7	2.8	2.9	5.1	6.3
19.9	15.4	4.4	4.3	3.9	4.4	1.9	5.8	5.4
9.9	7.7	2.4	3.6	3.0	2.1	2.3	4.3	5.1
16.6	7.3	2.8	3.4	3.8	3.0	1.3	3.8	2.4
10.6	7.6	2.9	4.7	3.4	3.0	1.7	4.3	3.9
13.6	7.9	1.1	3.6	3.4	3.7	1.4	4.1	5.9

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12.2	7.2	1.9	3.0	2.4	3.1	3.1	2.8	4.9
143.4	34.8	13.1	111.2	251.0	187.0	65.4	160.5	79.3
19.5	10.1	2.3	2.9	4.0	2.8	0.8	5.1	3.8
19.6	7.8	2.2	3.5	3.1	3.9	1.7	2.6	5.3
18.4	8.9	2.3	4.0	3.8	2.8	1.8	3.4	5.3
16.4	9.4	2.5	2.8	3.2	4.9	2.8	2.2	7.0
11.0	9.9	3.1	4.2	2.3	2.9	2.3	3.0	1.8
11.3	7.9	3.1	4.2	3.0	4.3	1.1	3.4	5.6
27.6	9.1	3.1	3.2	2.6	2.5	2.3	2.9	4.3
1190.8	18.3	15.1	2.4	40.3	896.5	166.8	254.8	255.4
12.4	10.3	2.2	3.3	3.9	3.2	2.0	4.5	4.4
15.7	8.5	1.8	2.8	3.7	4.1	3.0	3.7	4.9
10.9	9.4	3.1	3.9	2.5	2.9	1.9	4.6	3.1
11.3	9.8	2.7	5.0	3.2	2.5	1.2	5.2	4.5
19.6	9.3	2.6	4.3	3.6	4.4	2.0	4.5	5.3
14.1	9.8	2.2	3.9	4.2	3.1	1.1	4.9	4.4
13.4	7.9	2.4	4.1	2.7	3.4	2.4	4.1	4.7
11.8	7.3	3.0	4.9	3.1	4.4	1.1	4.8	4.0
15.4	7.8	1.9	3.1	3.1	3.1	1.6	3.4	3.7
36.4	9.4	2.3	3.4	3.6	3.6	1.3	4.7	7.3
22.8	9.8	2.8	4.0	4.5	3.6	2.0	4.1	5.9
20.6	7.4	2.1	4.6	2.0	2.5	1.2	4.4	5.6
28.8	9.3	4.3	4.7	3.4	3.3	3.2	4.0	4.9
13.3	7.4	1.3	2.5	3.2	3.8	2.7	2.7	5.1
21.2	7.5	2.0	3.4	3.7	4.1	2.6	3.5	6.3
33.4	11.1	2.8	4.3	3.0	3.1	2.6	4.1	4.0
39.8	12.4	3.2	4.7	4.8	2.9	2.2	3.9	6.2
18.7	12.3	2.6	3.0	2.2	2.0	1.4	3.6	3.2
22.1	7.9	2.3	3.2	2.4	2.9	1.5	4.3	7.0
21.9	6.0	3.1	3.8	2.4	4.4	1.1	3.1	2.9
13.3	9.6	3.0	3.7	3.7	3.1	1.0	3.2	3.0
38.6	10.4	1.4	2.8	3.2	3.8	3.7	4.3	6.9
16.2	9.3	3.1	3.6	4.1	3.4	1.9	4.0	5.1
4.0	7.2	1.8	2.3	64.9	4.0	1.9	2.7	2.8
3.8	5.1	2.5	4.2	3.8	3.7	2.3	2.4	4.8
5.7	7.1	3.5	2.6	3.2	1.9	1.5	5.0	3.7
7.0	8.5	2.3	3.1	2.4	1.1	3.7	3.2	2.4
5.5	6.9	1.6	2.0	2.3	1.9	1.4	3.9	1.7
5.4	8.1	1.9	2.8	3.4	2.1	3.3	3.0	3.4
4.5	3.8	3.9	3.5	2.4	3.0	2.3	3.8	3.1
5.0	8.6	2.8	2.8	2.7	2.8	1.0	4.1	3.3
3.3	6.1	2.5	2.3	1.7	2.9	1.4	4.3	3.9
3.3	5.2	1.8	2.5	3.6	3.2	2.5	2.9	2.3
7.8	7.7	4.0	4.5	4.5	4.6	2.8	7.6	4.0
243.8	23.6	39.2	72.6	23.6	70.6	68.3	64.7	345.1

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7.6	10.5	3.2	3.2	3.6	4.9	3.4	4.0	5.1
6.8	8.3	2.9	2.9	4.1	5.5	3.0	4.7	5.7
7.4	9.5	3.7	4.7	4.1	3.4	2.8	3.5	4.4
6.7	7.6	3.3	3.2	3.0	2.7	0.5	5.2	4.1
5.3	5.4	6.0	6.9	5.9	4.3	3.9	7.4	6.1
4.0	5.9	4.3	3.7	3.5	4.1	3.9	3.9	1.8
3.4	5.3	5.0	4.8	3.5	4.2	2.8	4.8	5.0
10.7	13.6	3.7	2.1	2.5	2.3	4.2	6.1	0.9
4.7	6.1	1.9	3.0	4.8	4.1	1.5	4.2	3.6
4.4	6.6	2.7	2.9	3.7	3.4	1.3	2.8	3.5
6.3	9.0	1.8	2.9	3.1	2.5	2.9	5.2	3.3
5.8	7.2	4.3	3.4	4.2	3.1	1.3	4.4	4.5
5.5	6.1	3.7	2.9	3.3	3.1	2.4	3.3	4.3
6.8	7.7	1.9	2.7	3.9	4.0	1.6	5.7	4.8
4.9	6.9	2.5	3.0	3.1	2.6	1.1	4.5	3.9
190.0	160.3	9.6	76.9	73.1	119.7	116.8	162.3	101.6
6.3	7.9	4.4	4.6	3.7	3.3	4.5	3.8	3.9
4.9	6.8	2.5	3.6	3.8	3.3	2.8	4.0	5.0
4.9	5.0	0.8	1.9	2.3	2.6	1.7	2.8	2.6
6.0	4.8	2.6	2.5	2.2	2.2	2.0	2.6	3.4
5.5	6.3	4.3	4.5	4.2	3.7	3.5	6.9	4.6
8.5	5.4	3.6	4.8	2.2	2.9	3.4	2.1	2.5
4.2	5.6	2.5	3.0	3.6	3.6	3.5	4.1	4.0
5.9	47.1	11.5	14.1	7.9	8.1	7.7	6.8	12.4
50.9	104.6	48.1	53.6	47.2	46.7	46.3	35.3	53.2
16.5	42.3	10.3	9.7	14.4	8.8	21.7	13.4	14.1
14.9	113.4	26.2	18.0	3.3	4.2	5.6	7.6	7.1
11.8	100.2	16.9	36.5	10.6	10.8	14.2	14.5	26.2
12.0	8.5	9.4	12.0	9.5	8.6	10.5	9.9	6.9
11.3	11.7	11.5	13.9	14.4	15.5	13.9	14.3	14.6
11.4	10.5	9.3	12.1	5.8	6.5	8.1	6.1	5.0
5.1	6.8	5.0	8.2	8.9	9.2	8.9	8.7	9.4
9.8	7.1	5.9	9.4	4.1	5.4	5.9	6.5	5.1
3.1	4.1	3.7	3.9	1.5	3.6	2.2	2.6	2.6
5.5	8.1	4.7	6.9	3.8	5.5	5.3	6.4	6.8
4.7	7.7	2.4	2.5	3.0	4.0	2.6	5.5	4.6
5.6	5.9	4.0	4.9	4.4	3.4	3.0	2.9	4.4
5.2	5.0	3.0	3.0	4.4	4.4	1.8	5.1	3.8
5.5	8.2	2.1	1.3	2.4	2.6	1.3	4.9	4.9
8.7	4.9	2.0	3.0	3.3	4.6	4.0	4.4	5.2
2.8	8.1	1.3	2.3	3.5	2.6	3.1	3.2	4.0
4.2	6.5	2.0	2.2	2.2	1.4	1.4	3.8	3.6
5.6	6.1	2.2	2.6	3.4	2.6	1.3	2.8	4.3
4.1	3.6	1.7	2.7	2.2	2.9	2.7	4.3	3.5
9.2	8.5	2.7	2.5	2.5	2.4	2.2	2.6	5.1
6.9	5.9	0.5	2.8	2.8	3.6	1.4	2.3	3.8
6.1	6.4	1.7	1.8	1.8	2.1	1.4	3.1	0.7

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4.7	6.4	2.3	3.1	2.1	2.7	2.1	2.4	1.2
7.5	11.9	4.7	3.4	5.1	4.8	2.0	5.5	7.0
9.8	11.6	4.2	4.5	4.7	2.4	1.8	2.3	2.7
9.2	15.0	6.6	5.6	6.0	4.7	1.6	4.2	4.7
7.5	8.2	3.6	4.6	5.0	3.8	3.1	4.0	4.9
9.0	11.3	4.0	3.6	3.1	1.7	2.7	3.4	3.0
9.2	12.0	3.2	2.1	4.2	2.2	4.0	3.5	2.9
11.6	12.5	6.6	4.5	3.4	3.7	1.6	4.4	5.0
7.1	7.1	2.8	4.6	3.6	3.4	2.9	4.8	3.6
5.8	6.4	2.8	3.3	3.4	3.6	4.0	5.1	2.3
5.8	8.3	3.9	5.5	4.8	5.6	3.5	4.0	6.5
5.7	8.6	3.4	4.6	3.2	3.5	1.0	2.6	3.8
6.8	7.2	2.9	4.2	4.0	2.5	2.5	4.6	5.2
7.2	11.0	2.4	3.2	3.7	4.8	2.7	2.6	6.3
4.5	5.7	2.3	2.5	3.3	2.7	1.3	4.4	4.3
5.0	7.3	2.3	3.1	2.8	2.1	2.0	4.7	3.1
6.9	10.3	3.0	2.9	1.7	2.0	2.8	3.5	4.7
5.8	7.6	3.4	4.1	3.1	4.7	1.7	2.0	4.8
7.6	6.6	2.7	2.6	2.6	2.0	2.3	1.8	2.9
6.3	7.3	3.1	3.7	3.4	4.0	1.5	1.8	3.5
6.2	10.9	2.5	3.8	3.1	3.0	0.9	4.3	5.0
9.5	10.7	5.4	10.1	9.6	9.5	9.0	11.0	11.0
9.2	8.5	0.6	0.9	6.2	5.6	3.4	5.1	6.3
6.3	3.2	4.6	7.7	6.7	5.7	5.7	8.6	6.9
8.3	10.4	2.0	3.5	2.1	3.4	2.0	2.1	4.6
11.8	8.1	3.0	3.1	2.6	2.3	1.1	4.2	2.9
9.1	7.1	3.9	2.7	3.6	3.1	1.9	2.2	4.5
5.3	4.1	2.3	3.6	2.1	2.3	2.1	2.4	2.2
7.9	9.3	3.5	3.8	3.2	1.3	2.8	3.3	3.3
6.8	8.2	3.1	3.9	3.6	3.1	1.6	4.3	2.4
4.5	6.2	3.0	3.9	3.4	2.3	3.4	3.7	3.4
9.4	10.0	3.4	3.5	3.8	4.3	2.0	5.2	4.2
6.9	9.0	2.8	3.3	4.4	3.6	2.8	3.4	2.8
3.3	6.0	4.1	3.1	3.4	4.2	1.9	2.9	2.8
7.3	9.8	3.0	2.0	4.0	3.3	2.6	4.7	4.4
7.1	8.3	3.2	4.5	2.0	2.4	2.1	5.2	2.5
6.6	9.2	3.2	3.5	4.1	3.4	2.1	2.9	5.9
7.1	11.2	4.2	2.8	3.9	4.6	2.7	5.1	5.2
7.4	11.0	4.2	5.0	4.5	4.3	2.8	6.5	4.5
7.2	7.9	3.3	4.1	3.9	3.0	1.6	4.6	5.2
6.4	8.5	2.4	2.8	2.7	3.4	1.5	4.1	3.7
6.7	8.8	3.6	3.6	1.3	2.1	1.5	2.1	3.3
9.7	8.6	2.9	3.9	2.1	3.5	2.2	3.9	4.7
6.9	5.1	3.4	3.7	2.6	3.2	1.5	3.0	4.1
9.4	10.0	1.9	2.3	2.5	2.7	1.6	3.4	3.8
8.0	8.3	3.6	3.5	3.0	3.4	0.5	4.1	4.3
7.2	9.0	1.9	3.3	2.0	1.0	2.5	3.5	4.9

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10.4	10.2	2.5	2.8	3.9	2.0	2.4	5.0	2.8
6.2	8.2	1.5	2.7	4.0	2.6	0.9	3.9	4.2
6.8	7.2	2.6	2.8	2.1	3.8	0.9	1.9	5.6
8.2	9.5	2.8	3.2	2.9	2.0	2.6	2.8	3.5
6.3	5.7	3.5	4.1	3.7	2.8	2.2	2.3	3.6
5.7	10.6	2.1	3.8	1.6	2.5	1.9	3.7	3.7
5.2	5.3	2.9	3.4	2.3	4.4	3.8	2.4	6.5
332.6	52.2	9.0	129.9	46.8	40.8	52.9	192.2	68.2
6.1	4.9	3.1	2.9	2.7	4.7	2.6	3.6	5.5
7.5	6.7	3.3	4.6	4.9	3.7	1.2	2.4	4.8
6.3	7.9	3.4	4.3	3.7	2.3	1.2	3.6	3.3
5.8	6.4	3.1	3.6	3.0	2.4	1.2	4.5	2.5
5.6	5.3	3.3	3.9	3.6	4.5	1.3	3.6	4.1
3.2	6.0	3.5	3.9	4.8	3.8	1.4	1.8	4.7
5.7	6.8	2.8	2.6	2.9	3.9	3.1	1.9	4.3
4.8	6.6	1.8	2.6	2.0	3.9	3.3	3.5	3.8
2.1	3.3	2.5	3.4	1.3	3.3	3.0	3.8	2.8
2.7	3.5	3.6	3.5	2.4	4.6	3.5	3.4	4.6
555.0	226.6	556.6	7626.4	40.7	76.5	30.9	137.9	158.2
5.3	7.7	3.2	3.7	2.9	1.7	1.6	6.3	4.7
5.4	7.8	2.6	2.3	2.8	3.2	1.9	3.0	3.0
5.1	6.2	2.0	2.9	2.2	2.6	2.1	3.9	3.8
2.0	3.3	3.1	3.4	2.6	3.9	1.6	2.9	3.8
5.1	6.0	1.8	1.1	3.6	1.4	2.3	6.8	4.3
5.7	7.1	4.1	4.4	2.1	4.2	3.0	4.0	3.4
6.4	8.5	5.5	3.9	3.3	2.4	3.5	2.7	4.5
6.2	6.5	2.7	4.4	4.4	3.8	3.3	3.0	4.2
5.3	3.8	5.4	4.2	1.8	3.2	2.0	3.6	4.3
4.1	8.8	2.2	3.2	2.3	3.9	2.4	3.6	5.6
6.5	8.8	4.6	3.7	2.9	2.7	2.7	4.3	2.1
6.7	6.0	4.7	3.0	1.0	4.1	2.4	5.6	1.5
4.9	8.1	1.5	3.6	4.9	5.8	2.3	4.8	5.3
6.3	5.9	4.0	4.7	3.0	4.6	1.4	3.9	4.6
3.9	3.6	2.8	2.9	2.0	4.8	2.1	3.2	5.5
5.4	4.9	1.4	2.3	3.2	2.7	1.2	4.9	3.2
3.8	5.9	3.3	4.3	3.3	2.7	2.0	5.4	3.6
6.5	9.0	1.7	3.4	3.7	4.0	3.4	2.8	4.6
5.1	7.6	2.0	2.5	3.4	3.6	2.2	3.7	6.6
3.3	4.1	3.3	4.0	3.7	4.4	1.8	3.8	6.6
5.5	6.9	2.5	4.1	2.8	4.5	2.4	4.0	7.6
5.8	7.4	2.6	3.5	3.8	3.4	3.2	4.3	5.1
5.3	10.3	3.7	2.7	1.3	3.4	2.9	3.3	4.4
4.6	8.1	3.5	3.4	3.3	3.5	3.2	4.0	5.8
5.8	6.6	4.2	3.6	4.2	3.8	2.2	4.9	7.0
5.0	6.7	2.4	3.5	3.5	2.9	2.5	3.7	5.6

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5.9	8.1	4.2	4.0	3.5	4.5	1.3	3.8	5.6
5.3	6.2	2.3	1.9	3.8	2.5	2.4	4.0	4.6
5.8	7.6	2.1	2.7	3.5	3.7	1.8	4.4	5.4
7.0	10.0	3.2	3.1	5.1	4.8	3.8	2.6	3.3
5.4	7.8	1.3	1.1	3.6	2.8	1.4	2.3	3.9
10.2	10.3	4.8	2.4	2.6	4.1	4.6	4.1	8.0
2234.3	143.9	21.5	9.1	11.7	10.8	25.8	24.4	63.1
5.1	5.9	2.8	4.2	3.7	3.7	1.4	4.0	5.7
3.5	6.4	2.0	4.7	1.5	3.5	2.1	3.8	3.6
6.7	6.1	1.3	2.4	3.7	2.6	2.2	3.6	3.1
5.1	8.7	2.0	3.6	2.4	1.5	1.3	3.9	4.6
4.7	6.2	4.2	3.7	3.6	2.9	2.0	3.4	2.9
4.9	4.0	2.7	3.1	2.4	3.3	0.7	1.9	4.3
6.8	5.7	1.8	2.4	2.1	2.5	1.6	3.3	3.2
7.1	8.0	2.5	3.0	4.2	2.6	1.0	3.1	4.1
6.6	6.6	2.6	3.0	2.5	3.5	2.4	2.1	3.9
5.8	7.1	1.8	2.4	1.8	2.2	1.5	2.8	4.9
5.2	4.6	3.1	3.1	1.6	2.8	0.8	3.1	2.6
4.5	3.6	3.1	4.2	2.2	3.0	2.0	2.2	3.4
6.2	8.8	4.6	3.4	3.9	4.0	2.9	2.7	4.9
4.0	5.1	2.7	4.3	3.3	3.1	1.0	3.7	4.2
3.8	4.7	2.1	2.5	1.2	4.5	1.1	2.1	2.1
4.5	5.4	3.7	3.7	3.8	3.9	1.7	3.5	5.2
5.3	5.1	3.8	4.0	2.6	4.2	1.4	3.3	3.5
4.7	4.2	2.6	3.7	4.0	4.1	1.0	2.9	2.9
4.7	4.4	3.4	3.7	2.9	2.9	0.7	3.8	5.1
5.5	3.8	4.2	2.8	3.1	4.6	1.7	3.6	6.0
4.8	6.7	2.1	2.8	3.4	1.8	2.1	4.8	4.9
4.8	6.4	2.5	2.2	3.2	3.2	2.2	3.7	4.5
5.7	5.7	4.1	3.1	2.9	3.9	2.8	3.0	3.7
7.1	8.1	2.8	4.8	2.8	4.0	1.4	2.1	4.9
5.1	5.6	2.1	2.6	3.8	2.6	1.6	3.4	5.7
3.8	6.0	1.6	2.5	2.0	2.9	0.8	3.6	3.8
6.8	4.5	3.3	2.5	1.7	2.8	1.8	3.2	4.2
5.5	5.8	1.3	3.2	2.6	3.4	1.2	1.6	5.1
7.0	9.2	3.0	3.1	3.0	3.0	1.6	4.5	3.8
6.0	5.5	1.9	1.5	2.4	2.8	2.4	0.8	4.2
6.9	7.0	2.0	3.4	3.2	3.0	2.6	2.1	5.1
5.5	7.0	1.8	2.2	2.3	2.7	1.2	2.5	3.3
6.4	6.6	2.8	3.0	2.8	4.3	0.9	2.7	3.9
5.4	6.0	3.5	4.2	2.9	3.0	1.4	3.2	3.6
4.7	6.2	3.3	5.2	3.6	2.7	1.6	3.5	5.6
4.9	5.7	3.3	3.6	2.6	4.8	1.6	3.0	4.7
2.7	3.8	2.8	3.4	3.1	4.0	1.8	3.4	2.0
4.5	7.4	3.4	3.8	4.0	2.7	0.9	4.5	4.8
4.8	4.9	3.5	4.2	1.6	2.8	3.1	5.2	3.5
5.9	6.3	3.3	4.7	3.8	2.5	1.6	4.7	3.1

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4.9	6.9	2.8	3.7	3.8	4.4	1.1	3.7	5.8
4.6	7.6	2.1	3.2	3.0	3.0	1.0	3.3	2.7
7.6	7.5	1.4	2.3	2.9	3.2	2.1	3.6	3.5
4.4	7.6	2.2	3.2	3.8	3.3	2.5	4.1	3.6
6.6	8.6	1.7	2.5	4.1	2.5	1.2	4.4	2.9
2.6	6.9	2.7	3.6	1.5	1.6	2.0	2.9	3.2
6.9	7.8	2.2	3.5	3.3	3.1	1.3	2.6	4.5
2.3	5.4	3.1	3.7	2.2	3.0	2.6	3.6	2.8
4.0	6.5	0.6	2.6	3.5	2.7	2.0	3.3	3.9
3.2	6.8	2.0	3.4	4.4	4.4	2.7	3.8	5.0
5.6	7.3	2.7	3.7	3.6	3.8	2.1	3.4	3.9
3.8	5.7	1.6	2.3	1.3	2.7	2.7	2.4	2.0

4.8	6.5	1.0	1.1	2.5	2.3	1.5	1.3	1.9
3.2	5.0	1.6	2.6	2.4	3.7	2.1	2.2	4.1
5.5	7.2	2.5	3.8	2.7	2.8	1.5	3.7	4.5
5.9	7.3	2.0	2.3	1.8	1.4	1.9	2.8	3.2
5.0	6.9	3.3	3.2	2.9	4.0	3.0	3.3	3.3
3.8	4.2	2.1	2.9	2.9	3.0	1.4	4.1	5.2
4.8	5.7	2.5	2.9	1.7	3.2	1.5	3.9	3.8
5.7	4.9	3.5	4.3	2.5	2.7	2.7	1.8	3.6
6.4	6.8	2.8	4.0	3.0	2.4	1.9	5.5	2.4
5.3	6.3	2.6	3.2	2.0	3.2	1.9	2.7	2.8
7.6	7.7	5.1	5.0	2.7	2.5	2.4	2.2	2.8
4.2	8.9	3.5	3.5	0.8	2.5	2.1	5.1	2.2
3.9	12.9	2.7	5.3	4.3	6.2	4.2	5.0	7.2
6.7	10.3	2.6	3.0	2.8	3.1	2.3	3.8	4.4
4.8	5.2	3.8	4.7	3.0	1.7	2.0	5.0	3.4
7.5	12.4	2.3	3.2	6.1	5.4	2.3	6.0	5.1
5.5	8.8	2.2	2.9	5.7	4.7	4.3	2.8	3.7
6.4	9.3	3.0	4.3	2.6	3.3	0.9	3.9	3.1
3.3	7.0	4.1	4.4	2.5	2.9	2.3	3.8	4.9
6.4	7.6	3.7	3.8	4.2	5.4	1.9	4.4	5.1

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Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu
2.7	2.5	4.0	4.5	1.7	8.2	3.0	5.0	4.7
2.1	3.8	1.9	4.5	3.9	10.5	4.4	17.2	4.9
5.7	13.5	8.7	20.8	11.2	26.3	18.5	30.7	18.3
4.2	5.1	4.5	6.0	3.1	2.1	3.2	2.6	5.3
2.2	4.8	3.8	8.6	3.2	6.2	3.6	9.8	9.8
7.5	6.4	5.9	7.2	5.6	7.6	5.9	10.7	3.9
122.0	104.3	427.9	307.0	258.2	99.5	133.5	447.7	54.8
9.3	46.4	15.9	37.7	32.5	26.5	16.8	49.3	56.5
3.8	10.1	8.0	11.3	12.2	18.8	14.9	18.5	18.8
5.8	18.9	24.3	25.5	33.7	33.6	92.1	43.5	99.0
8.4	3.7	2.4	8.7	3.8	5.6	2.9	6.2	2.5
4.9	13.3	25.0	51.2	49.6	57.1	67.1	66.4	56.4
5.2	5.9	3.7	3.8	3.6	6.9	5.5	7.9	5.5
109.1	103.8	120.6	112.7	121.6	95.6	133.1	106.3	131.9
4.3	4.7	12.1	18.3	5.8	18.3	14.3	14.3	14.1
3.8	6.2	4.8	5.1	1.4	6.8	3.6	5.3	7.0
3.8	0.9	3.1	6.0	2.5	2.0	3.0	1.8	2.7
4.1	3.2	3.6	6.8	3.2	2.5	4.1	3.9	3.0
4.9	3.5	2.8	5.0	2.6	3.1	2.8	3.6	2.5
3.7	2.2	3.9	5.0	2.7	2.8	3.3	4.4	3.1
1.2	2.2	2.7	4.8	3.0	4.7	3.6	3.5	3.5
4.0	1.1	2.6	5.6	2.9	3.3	2.8	5.6	2.7
2.8	1.5	4.5	4.8	2.4	3.6	3.0	3.4	2.9
2.3	2.3	1.3	1.9	1.7	3.1	1.6	3.2	1.5
5.1	0.9	2.6	5.3	2.5	1.2	3.2	2.2	3.9
3.6	2.1	2.2	3.2	2.2	1.4	3.7	1.7	2.1
5.9	3.8	4.1	4.0	2.7	3.4	3.4	2.2	1.7
7.0	16.6	17.1	16.5	15.9	15.6	11.6	10.3	11.3
5.2	7.2	5.2	3.8	3.4	4.4	2.6	3.5	2.7
10.0	18.4	18.5	17.7	15.7	13.8	13.4	12.6	10.9
5.3	4.7	5.0	8.3	5.7	6.0	5.8	6.0	5.2
7.5	5.5	7.3	6.6	6.0	4.8	5.6	3.9	5.4
4.8	2.9	3.2	5.6	3.3	2.4	2.4	2.8	4.0
5.9	2.4	2.8	3.9	2.5	4.0	2.3	2.5	0.8
6.1	1.9	2.8	6.0	3.0	4.6	3.6	2.1	2.7
4.7	4.7	4.4	4.2	4.1	5.4	3.6	3.1	4.1
5.7	3.0	1.5	5.2	3.5	8.1	5.9	6.0	7.2
17.1	26.4	48.3	79.5	20.1	74.1	412.0	77.0	202.7
2.1	2.7	1.6	4.0	2.0	3.4	3.9	4.2	3.1

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2.9	3.9	3.3	7.7	1.9	3.1	6.0	5.0	2.0
8.7	14.8	11.0	5.4	8.4	24.1	14.6	17.0	15.8
3.8	1.0	3.6	5.0	3.2	2.6	4.7	6.9	4.7
9.6	11.5	7.9	6.4	3.1	23.8	14.5	22.9	8.8
5.0	9.1	9.5	6.0	5.4	9.1	19.6	28.0	7.8
6.6	2.8	5.4	8.9	7.8	7.5	7.8	12.0	10.9
8.3	23.4	11.5	23.4	12.1	9.7	28.2	38.7	35.8
3.3	3.7	2.5	6.0	3.6	9.8	9.0	13.2	6.1
6.3	9.4	5.1	18.5	9.1	20.1	13.6	12.6	8.6
3.4	7.5	6.6	9.4	3.2	7.0	12.6	11.5	14.9
6.7	14.4	8.4	4.5	8.1	27.8	25.1	10.2	9.9
4.2	7.5	2.8	8.4	3.3	17.4	3.0	16.7	19.7
5.6	9.6	6.3	7.5	4.3	24.7	15.2	24.7	24.0
12.3	12.1	18.3	20.5	7.7	18.2	25.8	26.5	30.3
4.2	1.7	1.5	6.8	4.6	4.7	1.4	2.7	4.2
351.8	26.1	20.6	24.1	14.7	26.9	26.3	62.6	208.9
4.2	5.3	1.8	5.8	1.9	4.4	3.8	3.5	3.7
4.1	4.6	5.4	7.2	5.8	6.7	5.2	3.7	3.9
4.2	0.8	3.7	4.7	2.5	2.8	2.9	2.7	2.5
3.5	3.2	2.9	4.6	2.6	2.1	3.1	3.3	2.5
3.2	2.8	1.7	3.1	2.3	2.3	3.0	2.0	1.5
3.4	2.9	3.6	6.4	4.0	3.5	4.0	4.5	4.1
4.8	3.1	3.3	3.1	2.9	4.8	2.5	4.0	2.7
2.4	2.1	1.9	5.9	2.8	3.0	3.2	3.1	2.0
4.9	0.9	3.4	5.9	3.4	2.9	2.7	3.5	4.6
2.9	3.3	2.6	3.3	2.3	4.3	4.4	2.9	1.7
2.0	2.1	3.1	5.3	3.7	2.1	3.1	3.7	3.5
2.8	1.6	3.2	6.1	4.1	1.8	4.0	4.5	2.6
5.7	2.1	3.9	7.3	3.8	2.3	3.5	3.8	2.6
3.0	1.9	2.2	4.7	2.0	3.2	2.6	3.8	2.2
4.1	3.8	4.3	7.6	3.1	5.9	2.9	3.6	4.2
4.9	1.7	3.5	7.4	4.1	3.5	4.8	6.3	3.7
5.6	1.7	2.8	4.6	3.9	4.0	3.2	3.5	2.8
4.0	2.5	2.3	5.0	2.5	5.1	3.0	2.3	2.2
3.3	2.0	3.1	5.8	3.2	4.6	3.6	4.5	2.3
5.6	1.7	2.7	5.4	2.6	2.7	2.9	2.4	2.6
3.9	1.6	1.8	4.6	2.5	2.5	2.3	2.9	2.0
0.8	3.8	1.8	3.9	1.8	5.5	3.8	1.8	3.8
2.1	2.6	2.9	4.5	5.3	3.0	4.4	5.0	5.7
4.1	5.4	2.8	8.1	2.8	6.7	4.5	6.5	2.9
5.9	1.5	5.2	4.9	4.7	4.0	6.0	1.8	4.4
2.5	1.3	2.4	6.3	1.4	2.7	1.1	4.4	5.0
4.8	2.3	2.5	2.4	1.6	6.0	2.7	4.5	3.3
5.2	3.7	2.8	5.4	3.0	2.7	2.8	5.1	5.4
3.3	3.4	5.4	7.1	4.3	11.2	4.7	3.7	6.0
6.4	3.3	2.8	4.7	1.2	3.7	3.0	5.8	3.9
3.6	5.2	4.6	11.0	1.8	7.0	7.6	8.8	3.5
1.2	4.8	4.6	7.4	4.1	13.2	6.6	9.1	5.8
4.0	1.9	2.4	5.0	3.2	3.5	4.0	4.2	3.2

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6.5	9.0	4.1	5.3	6.2	6.8	6.6	8.6	8.6
4.2	3.1	3.7	6.6	1.4	3.3	3.1	6.1	7.3
5.1	3.5	3.9	4.8	5.2	5.3	4.5	6.8	6.3
5.7	4.2	2.5	8.2	4.9	3.9	3.5	4.9	6.8
2.0	1.5	3.3	7.7	3.3	4.3	5.4	4.3	2.7
5.4	3.6	4.4	7.6	4.1	9.0	3.5	3.1	3.4
33.8	21.0	18.4	17.6	26.4	152.8	137.2	46.5	102.8
2.4	4.4	2.3	5.9	3.2	3.4	5.2	9.2	4.8
2.5	1.5	3.5	4.5	2.7	3.4	3.3	6.1	2.5
4.4	1.5	2.6	4.4	1.5	2.8	2.1	2.8	2.9
2.3	1.9	5.0	7.4	3.5	5.1	3.9	7.0	4.5
3.3	2.3	4.3	6.2	3.9	4.2	3.2	3.9	3.2
2.4	3.2	2.8	4.8	2.5	4.9	2.0	3.6	3.6
4.2	2.3	3.3	5.1	3.1	2.4	2.3	2.4	3.1
4.6	3.8	6.2	8.0	4.8	6.0	4.2	4.0	6.3
4.4	1.0	3.4	4.1	2.5	2.1	3.8	4.6	5.2
3.4	2.7	3.4	5.7	3.3	3.9	1.3	2.5	2.5
3.9	2.1	4.6	5.5	1.6	4.1	3.5	3.5	4.4
4.3	3.3	3.0	4.7	3.6	4.8	4.2	3.1	3.0
3.8	2.8	3.1	4.8	2.0	3.8	3.4	7.0	3.0
3.4	2.8	3.6	4.8	3.4	3.9	4.8	3.6	4.8
4.9	2.2	3.5	6.2	3.8	1.5	4.7	4.7	5.3
5.3	2.9	3.0	7.8	5.1	4.6	4.3	6.1	6.0
5.0	3.0	2.7	5.4	2.9	6.1	3.1	1.8	1.4
3.0	2.5	2.7	5.0	1.6	4.6	2.9	4.3	3.0
4.9	1.7	3.5	6.2	3.8	3.3	3.7	3.9	4.0
2.6	1.7	5.1	4.9	3.2	3.0	4.7	4.5	4.6
4.5	2.7	2.3	3.6	2.3	4.1	3.7	4.6	5.6
2.1	4.8	2.8	7.2	1.6	6.4	4.2	3.0	1.9
5.2	1.8	1.6	7.0	2.1	4.1	4.6	5.0	3.4
4.6	2.2	3.4	5.8	2.8	2.7	1.9	3.6	1.7
8.6	3.3	3.3	4.6	2.9	2.9	2.8	5.4	4.0
13.2	37.8	20.5	45.3	40.7	54.4	35.9	96.6	69.7
2.5	1.6	2.3	5.1	1.8	4.6	3.2	1.8	3.4
14.2	2.8	3.3	5.9	2.2	3.0	1.5	4.7	6.5
3.0	2.9	4.0	2.9	2.1	2.9	1.0	5.1	2.4
4.8	3.0	5.6	8.0	3.0	4.5	4.6	10.8	8.4
5.3	1.6	3.8	4.3	4.0	4.7	2.2	4.5	3.1
6.4	1.6	1.7	5.0	2.8	6.7	4.3	7.5	3.5
3.9	4.1	3.3	4.9	2.5	3.8	3.1	7.3	2.1
6.5	2.6	2.6	4.7	2.6	4.5	4.0	2.4	2.4
1.7	2.4	4.1	5.9	3.7	3.8	3.8	5.4	2.8
7.8	2.3	4.0	7.9	3.8	3.3	3.8	3.9	2.5
7.2	2.2	4.2	4.2	3.6	2.7	3.4	4.4	3.4
4.8	1.1	3.8	5.3	2.8	1.9	3.3	3.7	3.8
5.4	2.3	3.9	8.2	4.0	3.3	7.1	2.3	4.0
7.4	2.2	2.9	8.2	3.2	4.8	3.2	7.8	5.6
2.9	1.5	5.1	6.4	3.8	4.6	5.9	3.8	5.3
7.4	1.2	2.9	7.3	2.1	5.0	2.7	7.5	3.4

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154.3	148.2	1510.1	64.3	80.9	137.5	210.5	271.4	172.8
6.1	2.8	2.3	5.8	3.8	3.4	5.8	2.9	2.2
4.2	2.4	2.9	3.5	2.6	1.5	4.4	2.9	2.7
7.3	4.2	1.9	3.4	2.8	4.8	3.0	1.6	2.6
7.3	1.3	2.9	5.4	2.4	2.7	3.5	4.0	4.3
10.0	2.3	4.0	7.0	3.1	4.0	3.2	4.0	3.8
5.7	2.0	4.2	4.3	3.1	5.8	3.8	5.6	3.1
9.9	3.5	2.7	4.4	2.5	4.6	1.2	4.4	1.8
6.2	1.4	2.5	5.9	3.3	4.9	1.9	2.7	4.6
7.1	2.5	3.5	4.1	3.7	3.8	4.8	2.6	3.9
5.9	2.0	1.8	4.9	2.4	2.0	3.3	2.3	3.9
2.5	2.6	1.9	3.4	1.7	1.3	2.6	3.3	3.6
5.0	2.9	2.1	5.2	2.1	5.3	2.0	1.9	4.4
5.5	3.3	4.3	5.7	3.1	3.7	6.1	4.1	4.6
7.1	1.5	2.4	8.4	2.8	6.7	8.2	8.4	5.8
4.9	5.5	1.7	3.9	0.9	3.7	5.5	5.4	2.9
6.1	2.2	4.0	3.3	3.2	5.8	2.7	9.4	2.8
1.9	3.7	2.7	4.4	1.7	3.9	5.5	6.3	2.5
77.1	320.1	107.9	218.5	214.0	63.7	156.7	71.0	186.3
5.3	2.0	5.9	9.0	3.9	4.9	4.1	4.6	4.4
4.6	5.5	5.0	5.2	3.9	10.3	6.1	8.3	7.3
3.7	2.8	3.7	5.0	3.3	8.5	4.0	6.8	6.8
5.2	1.6	3.2	3.6	1.6	2.3	4.3	2.2	3.9
2.4	0.7	2.1	5.2	2.4	4.4	2.8	2.0	1.0
7.3	1.2	3.8	4.4	2.8	6.1	3.7	4.0	2.5
3.9	3.0	3.5	6.1	3.2	5.7	3.0	2.1	4.0
6.0	1.4	4.7	4.1	2.1	4.9	4.0	5.4	3.2
1.9	1.4	1.3	5.2	2.7	3.1	2.9	3.1	1.7
3.8	3.6	5.0	6.1	4.5	6.5	5.8	4.3	3.7
4.2	4.0	3.4	6.2	3.5	6.2	5.1	2.9	3.9
5.4	2.7	4.3	6.9	4.3	2.0	5.0	5.1	5.3
9.7	3.0	3.6	7.5	5.2	3.9	4.5	5.3	2.4
5.4	2.6	3.4	8.8	6.2	5.4	6.4	5.1	9.7
5.3	4.1	3.4	5.2	3.1	4.0	2.6	4.8	3.0
8.1	5.2	3.3	6.9	3.6	7.0	4.8	4.3	5.7
3.4	1.0	2.9	5.5	1.4	3.7	2.6	11.9	2.8
2.3	3.1	4.1	3.7	2.0	5.8	1.5	2.6	5.3
4.9	5.8	3.6	3.7	2.5	4.0	3.0	5.0	5.5
7.1	2.5	3.8	5.5	2.5	6.8	4.1	2.6	4.3
4.7	3.9	2.0	6.8	3.6	4.3	2.9	4.9	2.7
7.0	3.5	4.8	7.5	3.3	5.1	5.7	6.5	4.9
2.3	5.8	3.8	7.6	3.5	5.7	5.5	2.9	8.2
6.9	3.3	3.8	6.4	4.0	6.5	3.7	6.6	4.2
333.2	86.7	67.8	226.3	412.8	670.9	886.1	127.4	452.6
6.0	5.9	5.3	6.8	6.5	8.6	4.8	4.3	3.5

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10.7	6.0	3.1	4.9	5.2	10.8	9.7	8.3	9.5
4.2	4.3	3.2	5.6	1.7	6.7	6.1	3.2	2.9
1.8	4.8	4.5	6.4	5.6	6.8	3.1	4.7	7.4
277.9	121.1	143.1	115.7	506.7	190.3	649.8	137.8	104.8
56.3	86.5	23.2	19.0	26.9	40.8	38.4	44.7	50.5
2.0	3.0	3.1	5.4	6.0	5.6	2.8	5.0	3.6
65.2	26.8	24.6	71.6	13.5	27.6	87.6	84.0	153.8
3.1	1.8	3.4	5.1	3.3	3.6	5.1	5.2	4.1
29.2	27.6	22.0	5.6	9.3	50.9	25.4	23.0	31.0
105.6	41.3	41.9	113.0	50.7	78.3	265.8	126.4	1822.7
3.5	2.9	2.7	4.7	4.3	4.7	2.6	6.0	3.9
76.6	226.5	148.6	90.3	64.3	276.2	1055.7	450.5	774.5
2.6	3.2	4.6	8.6	4.3	4.1	2.8	5.9	5.8
4.8	3.2	3.6	6.7	4.2	3.7	3.7	2.6	5.2
12.5	8.0	12.5	23.1	8.4	19.4	11.4	39.1	39.0
172.8	191.9	189.2	644.2	44.3	57.8	124.0	478.9	185.7
32.0	22.2	69.6	717.5	272.1	219.5	689.4	111.8	106.2
6.4	4.3	3.8	6.9	2.3	4.5	5.4	6.2	6.1
36.2	31.6	21.8	25.7	21.2	45.7	21.6	23.7	18.2
16.4	11.6	17.2	26.3	10.0	27.6	24.8	27.0	11.2
129.9	32.9	76.1	65.5	58.0	222.4	36.4	72.0	61.2
7.7	5.2	5.4	9.4	5.9	11.5	1.8	5.1	10.3
268.5	213.2	365.5	191.0	150.1	44.1	87.6	78.8	141.0
16.9	44.3	34.2	65.3	107.4	94.3	114.5	52.9	124.9
4.7	2.6	2.7	4.8	2.3	4.1	3.1	2.3	3.2
3.5	3.3	3.4	4.8	3.2	4.4	3.5	3.3	2.4
3.8	3.6	2.5	5.2	3.0	2.6	2.8	5.1	4.9
4.1	2.7	3.3	6.3	2.7	5.0	2.6	6.6	3.8
4.6	2.3	2.8	5.1	2.3	1.1	2.7	5.7	4.7
5.6	1.1	4.2	7.4	3.9	3.8	4.5	3.1	2.4
3.8	4.3	3.0	3.9	2.8	1.9	4.2	2.6	2.6
4.3	1.7	2.4	5.3	3.6	2.3	2.9	4.5	4.6
4.5	2.0	2.8	3.7	3.1	3.6	4.3	1.6	4.5
8.6	2.9	4.2	5.7	3.6	5.2	3.5	3.2	3.8
4.1	2.1	2.1	6.2	1.0	3.0	2.3	3.8	2.7
2.3	2.6	4.0	4.1	3.6	2.5	3.3	3.7	2.7
3.0	2.6	4.1	6.4	2.6	4.5	3.5	4.3	3.3
5.2	2.8	2.1	2.9	2.4	5.3	3.5	2.5	3.0
4.6	2.0	2.6	5.4	4.3	2.5	4.6	7.9	5.7
7.0	1.4	3.9	4.9	2.0	4.7	3.3	3.0	4.1
5.1	1.8	2.8	6.0	3.6	4.7	2.3	1.8	5.2
3.8	1.7	3.2	4.9	3.4	2.9	1.9	4.4	3.7
3.0	2.8	5.7	5.3	4.1	5.8	4.8	4.9	4.1
532.6	156.0	58.7	128.9	106.7	325.7	52.7	2378.4	519.1

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1.8	0.9	1.2	4.0	2.5	4.6	1.1	1.6	1.8
5.5	5.6	3.0	3.1	2.2	4.6	5.5	2.4	3.6
2.7	5.1	1.2	2.8	2.0	7.1	5.1	5.9	4.7
3.2	5.3	3.6	5.3	3.1	3.1	4.0	8.9	5.3
2.9	4.7	3.8	2.1	2.8	5.3	1.8	4.4	2.1
3.1	4.4	1.5	4.9	2.0	3.6	1.9	5.6	5.5
1.5	3.6	2.3	2.8	1.7	2.4	2.4	2.6	1.9
4.5	1.8	3.6	2.6	2.2	3.6	2.6	2.0	2.5
2.2	3.0	3.4	3.2	1.6	4.6	3.0	2.9	3.3
4.0	2.7	2.2	2.5	1.4	3.6	1.9	6.5	4.6
4.2	4.9	1.9	6.6	2.4	5.5	6.0	3.0	2.7
4.1	2.1	4.5	3.0	1.6	6.7	2.6	2.3	2.6
5.5	3.7	2.1	0.7	0.9	3.4	1.9	2.7	6.8
6.0	4.7	3.6	3.6	3.0	5.6	2.5	7.9	4.1
4.9	1.7	2.0	1.3	1.5	4.4	4.1	3.7	3.6
5.9	6.0	3.7	4.2	1.8	4.8	5.3	4.8	5.7
2.9	2.1	1.9	4.3	3.2	8.0	3.1	4.1	5.4
5.1	2.6	1.3	2.8	2.7	4.5	1.0	5.1	4.5
2.9	3.2	2.4	2.0	0.9	2.6	2.5	1.9	2.2
2.6	4.5	1.6	2.4	1.4	3.0	1.4	6.1	1.9
3.4	1.9	2.0	4.3	2.7	3.2	3.2	5.1	2.6
1.9	3.8	3.0	3.9	2.7	3.8	1.7	3.5	7.0
4.0	2.3	2.8	0.8	3.0	7.7	3.7	6.1	4.1
4.5	3.3	3.3	4.3	3.1	6.7	4.3	3.7	5.1
2.6	2.6	2.6	2.3	2.5	3.4	1.6	4.9	2.4
1.2	2.5	3.4	4.7	3.5	4.5	3.1	2.4	2.8
3.4	1.9	2.9	4.5	2.2	2.0	3.4	5.5	3.2
4.6	2.8	3.2	4.4	2.2	5.8	4.4	3.4	5.2
1.1	2.3	2.9	3.5	2.6	6.3	3.2	6.1	4.3
5.1	5.0	4.4	2.2	2.0	2.1	1.5	3.8	6.3
2.4	3.5	2.1	2.6	2.5	3.9	4.8	3.1	4.9
2.6	2.3	2.2	3.5	2.1	5.2	4.1	4.6	3.0
5.8	2.3	2.2	3.0	2.2	4.2	4.6	5.5	4.2
6.1	1.7	1.8	7.6	2.1	7.6	3.6	4.6	3.3
4.9	2.3	2.2	3.2	2.5	2.9	2.9	6.2	2.2
1.2	1.4	1.5	2.9	2.3	3.7	4.0	5.0	4.6
1.8	4.2	0.8	3.2	2.7	1.5	2.8	4.6	2.5
6.5	3.1	3.8	5.4	1.7	4.3	2.6	5.9	3.5
4.9	3.9	1.6	3.1	2.3	6.8	4.3	6.7	4.2
3.3	3.5	3.0	4.4	1.5	4.0	4.0	6.0	4.0
3.4	4.6	1.5	5.9	3.3	7.7	4.3	5.1	5.0
3.0	4.2	3.8	7.1	4.2	6.3	2.8	7.6	4.0
1.6	1.8	0.6	3.2	1.1	2.4	1.8	3.1	2.5
3.9	3.1	4.8	4.2	3.2	5.0	2.5	7.2	5.4
1.9	6.3	2.7	6.3	2.5	6.5	4.4	5.2	6.5
2.1	549.5	360.1	87.6	32.0	67.1	389.6	32386.0	87.9
2.9	5.9	5.9	4.7	3.5	6.7	5.9	6.6	4.6
3.2	3.7	1.4	6.8	1.4	6.8	1.9	6.1	2.3

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3.5	3.5	2.8	6.7	0.5	7.2	7.0	6.5	6.8
4.7	10.9	10.0	12.5	5.0	25.8	17.2	11.4	11.3
4.1	4.3	3.3	6.7	2.9	10.5	3.1	8.5	6.3
81.4	984.4	79.3	330.1	108.2	58.6	233.6	465.5	34.9
3.7	4.9	5.8	5.2	1.6	5.0	3.9	8.4	6.5
286.5	56.9	152.0	49.1	64.3	49.9	44.9	17.2	30.0
158.2	82.8	528.5	518.9	105.9	164.8	49.1	40.6	56.4
3.2	3.2	2.9	3.5	2.4	4.9	4.3	7.2	3.7
6.2	3.7	1.7	5.1	3.0	2.9	3.8	2.6	5.7
65.6	50.2	12.9	56.5	60.6	29.3	1564.8	4398.3	75.4
84.8	34.4	20.4	90.5	741.2	157.7	9511.0	82.1	131.6
3.7	4.2	4.1	6.3	2.8	7.2	4.3	7.4	4.2
3.7	2.4	5.8	3.9	4.7	7.9	4.0	3.2	2.5
19.1	19.3	9.9	12.3	5.0	21.1	11.3	22.9	14.5
7.6	5.4	3.3	9.5	4.9	10.7	10.6	17.9	14.6
8.7	6.8	6.6	6.7	1.9	5.1	4.3	4.9	11.0
7.7	4.1	4.1	0.9	3.6	8.1	4.6	10.0	7.5
254.0	57.5	146.5	334.4	922.0	310.7	69.6	238.4	93.3
2.8	4.0	5.2	12.4	3.6	7.6	4.2	11.7	6.7
5.6	8.2	2.4	4.4	2.9	12.5	7.3	7.0	11.0
4.7	18.2	18.0	11.4	7.9	14.6	15.8	18.5	13.2
3.9	4.8	5.2	5.2	3.4	6.7	4.4	12.6	7.6
9.6	6.6	10.9	10.0	10.1	10.3	15.4	24.6	41.1
264.8	1520.0	154.1	1636.0	232.0	4316.2	468.7	376.7	716.6
4.7	4.2	6.0	6.2	4.5	2.7	2.2	8.0	5.3
3.1	4.8	6.6	8.4	4.1	7.1	3.7	7.2	8.4
7.0	1.0	3.8	5.3	4.4	4.2	4.5	7.5	3.6
8.7	2.7	4.9	11.7	7.0	9.1	4.0	5.1	6.8
2.0	2.7	2.2	7.0	3.0	4.7	6.3	5.7	9.2
3.3	4.1	2.9	8.6	5.5	3.7	4.3	2.9	6.1
3.8	5.2	1.9	6.9	2.8	0.9	6.7	3.8	4.4
3.6	2.8	4.1	6.6	3.1	7.5	7.0	6.1	5.6
6.9	2.8	1.9	6.3	2.1	3.4	3.1	8.1	3.9
5.0	3.2	2.3	5.4	2.4	6.6	3.4	4.4	3.5
5.1	3.4	4.1	4.7	3.4	6.2	4.1	5.5	3.7
66.6	84.7	2343.0	592.6	121.1	844.9	135.0	149.9	77.6
228.4	1787.6	394.6	563.1	114.3	442.8	116.1	2820.2	73.6
6.7	6.3	2.2	6.0	3.3	3.5	4.0	2.7	6.4
4.4	3.0	3.7	3.5	4.2	3.7	3.9	2.0	2.9
5.0	2.2	3.1	1.2	1.7	4.6	2.2	3.9	0.9
5.2	3.4	7.2	10.8	5.6	4.9	7.5	14.4	4.3
3.8	2.8	4.2	5.1	3.4	5.4	7.8	6.3	3.7
1443.1	887.1	451.4	37.1	1400.6	164.4	126.4	58.5	38.3
11.7	13.1	10.7	18.6	8.2	10.3	9.7	8.2	19.1
3.5	4.3	3.6	1.8	1.8	7.5	4.2	3.5	3.4
7.1	8.2	9.0	11.4	10.9	6.9	11.4	6.4	8.9
11.1	11.5	10.7	9.9	9.0	11.8	12.8	11.5	7.6
1.2	5.6	5.0	4.4	3.6	9.0	1.0	4.6	4.0
4.5	5.6	3.3	3.2	4.5	7.1	5.1	3.9	3.7
4.4	3.4	3.6	2.1	2.3	5.4	3.8	4.2	6.4
7.7	4.7	2.3	3.7	4.3	5.6	2.2	4.0	5.5

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2.6	2.4	1.8	2.3	1.2	2.9	2.3	4.1	1.4
1.1	2.2	2.4	3.4	1.4	3.4	1.9	2.7	3.3
2.8	2.3	2.9	4.1	3.0	7.5	1.7	5.0	6.3
7.9	1.0	0.5	2.8	0.8	4.5	1.3	2.0	4.2
5.0	5.2	2.1	4.0	1.2	6.5	5.2	7.8	7.2
5.8	5.3	2.7	4.7	0.8	4.5	5.6	2.9	5.5
3.3	4.8	3.0	3.4	1.4	5.8	3.8	6.4	2.3
3.1	3.0	3.4	3.2	0.9	1.3	4.8	7.6	2.0
4.1	3.4	3.3	4.3	2.2	10.2	7.6	10.8	9.1
3.1	1.9	1.1	2.5	1.7	6.1	3.6	2.4	2.0
3.8	4.3	1.0	2.5	2.1	6.8	4.6	2.8	4.8
2.0	3.6	2.5	2.0	1.9	3.8	2.3	3.5	3.6
6.4	1.7	2.1	4.9	1.2	4.9	2.4	4.3	4.2
3.6	3.3	1.6	4.0	2.3	3.9	0.8	10.4	4.5
5.0	2.7	2.8	3.2	1.7	4.2	3.0	5.5	3.0
2.7	14.2	7.2	18.8	3.9	26.9	13.7	39.0	17.7
5.4	3.4	3.5	3.4	0.7	2.7	2.7	1.5	3.3
7.0	5.0	2.9	2.8	2.3	6.2	1.8	5.3	5.2
4.7	3.4	5.7	5.6	4.5	7.1	2.0	6.5	8.5
201.2	4684.2	161.8	198.1	693.3	160.9	38.4	212.3	53.6
7.8	2.8	3.0	2.0	2.8	7.5	5.0	7.7	4.1
8.7	4.1	3.2	6.3	2.8	3.5	1.0	4.2	2.0
3.1	2.3	1.3	3.3	2.2	7.2	5.0	4.9	4.5
7.8	3.1	1.5	5.5	3.0	6.4	3.1	9.0	8.5
6.9	3.4	1.4	4.2	2.9	5.0	4.5	9.8	5.9
6.0	4.6	4.7	3.2	3.6	11.9	4.3	10.8	12.9
6.1	7.8	3.4	3.2	3.9	5.0	2.6	3.5	4.9
5.4	3.4	3.2	1.9	2.0	6.4	2.7	5.8	7.8
88.1	159.6	184.9	136.3	85.5	172.6	111.9	116.6	148.0
65.7	203.2	86.3	193.8	62.1	93.9	72.4	152.2	84.8
77.0	82.2	70.8	98.8	78.3	137.0	65.2	137.6	53.2
77.3	170.1	109.4	156.1	69.6	180.1	74.1	87.0	76.8
1.9	3.6	2.6	5.0	1.9	2.3	7.1	4.5	4.9
3.2	2.3	1.3	2.7	2.7	3.7	2.0	5.9	4.1
2.0	4.2	2.6	5.3	2.8	5.0	3.3	3.6	3.6
1.6	2.7	4.8	4.4	2.8	5.1	5.0	9.4	3.4
1.7	2.7	3.2	4.8	3.3	3.7	1.5	4.3	3.3
2.3	3.7	1.5	5.2	2.2	4.2	3.7	3.9	2.2
2.0	3.3	2.9	2.9	1.6	4.0	1.6	3.3	2.2
3.4	3.1	1.9	7.0	3.5	4.5	5.1	11.2	7.8
3.9	2.4	1.5	6.4	2.2	3.0	3.5	4.0	2.0
1.9	1.9	2.8	5.6	1.4	4.0	2.8	3.3	2.7
3.1	3.2	3.4	4.4	2.3	2.8	4.6	2.7	8.2
3.2	0.9	2.1	5.0	3.6	4.1	4.1	7.5	3.3
1.5	2.8	3.5	5.6	2.2	5.0	1.5	2.4	0.5
3.1	2.7	4.0	5.3	4.0	3.2	3.9	5.8	4.7
3.1	2.6	6.4	5.4	4.5	3.6	4.1	5.2	2.3
2.7	2.8	2.6	7.9	1.9	8.0	3.4	2.6	5.5
1.5	1.9	3.6	7.9	2.9	6.6	2.5	3.6	4.9

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4.5	2.8	3.2	5.0	1.6	2.9	2.6	8.5	3.4
4.0	2.5	2.5	5.2	3.9	2.8	3.5	3.5	3.6
5.2	2.7	3.0	5.8	1.8	4.0	5.4	4.0	6.0
4.5	2.8	3.2	4.5	1.9	5.1	2.7	4.8	4.0
4.3	2.9	2.5	5.0	2.0	2.2	2.8	5.8	4.4
2.4	1.4	3.8	3.7	4.6	4.2	2.8	3.8	4.7
3.1	0.4	4.2	6.5	4.0	3.7	3.0	2.2	3.4
3.9	2.1	3.4	4.1	4.7	4.2	3.1	2.1	8.0
2.6	1.7	2.9	5.7	3.6	3.8	3.9	1.9	5.7
3.9	1.4	3.3	6.1	3.6	5.4	4.7	4.1	5.3
4.0	2.0	4.2	4.6	3.7	1.6	4.4	8.5	4.7
3.1	2.7	1.8	3.6	1.5	5.2	2.4	2.8	2.5
1.7	4.7	3.3	6.0	3.3	4.7	4.1	4.7	2.3
2.8	3.2	1.8	4.7	2.4	6.7	3.4	3.9	1.7
4.8	2.0	2.8	6.6	1.4	4.8	3.4	1.5	1.9
2.7	2.6	1.9	4.4	1.3	2.2	1.0	4.4	2.4
3.3	2.8	2.5	1.8	1.9	5.7	5.4	6.0	2.6
2.4	1.7	3.9	6.8	3.0	2.2	4.3	7.0	4.3
4.5	2.9	3.8	3.7	2.5	3.5	2.8	3.7	4.3
3.7	1.1	3.1	5.7	3.0	4.7	6.2	4.8	4.5
1.8	2.6	2.4	8.0	3.3	5.1	2.9	2.6	2.7
4.0	2.1	2.1	4.3	1.9	2.2	3.5	4.6	4.3
2.7	7.1	6.3	14.4	2.6	6.7	12.8	16.4	7.9
1.7	3.9	1.5	6.5	0.9	3.5	3.4	4.6	4.4
274.8	314.9	216.9	219.0	156.0	362.5	240.6	162.9	122.1
2.1	3.7	5.6	6.4	5.1	5.2	4.3	8.1	4.2
1.2	2.7	3.4	5.4	2.7	4.6	7.1	7.3	3.1
2.4	3.3	5.3	7.1	3.9	6.0	3.3	5.0	5.8
5.0	5.8	2.1	6.7	2.2	3.0	3.6	5.4	2.1
262.7	111.6	1594.3	156.0	197.4	946.5	209.9	3570.4	1832.4
3.0	1.8	3.2	5.8	4.1	3.1	2.2	4.9	6.3
3.3	1.3	5.3	10.6	4.1	6.9	2.6	6.5	4.9
4.9	2.9	4.6	5.0	2.7	3.4	3.0	4.0	4.7
4.8	3.4	3.2	6.2	3.1	5.5	5.5	2.4	2.8
4.0	2.1	4.5	5.9	4.4	4.3	4.2	7.2	4.8
1.1	2.0	1.6	6.0	4.2	6.2	6.0	5.8	3.7
3.6	5.2	3.8	5.3	4.5	6.6	1.4	2.3	4.2
1.7	5.1	4.5	8.3	2.1	3.2	1.7	6.3	4.3
3.3	3.6	2.3	6.0	0.9	6.0	2.9	7.8	4.1
3.3	2.0	3.8	6.9	3.7	6.9	3.9	3.4	4.2
2.9	3.1	3.1	5.0	2.7	8.6	7.1	5.7	7.5
1.6	3.1	3.1	5.6	3.5	4.7	3.1	4.0	3.2
2.9	1.7	2.5	4.4	1.9	3.3	2.3	4.2	3.1
2.8	1.7	3.2	5.9	2.8	4.5	3.9	2.2	3.4
2.7	1.9	2.5	5.1	3.6	3.6	2.2	3.9	3.8

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3.3	2.3	2.6	6.2	2.1	2.9	1.3	4.1	2.4
441.3	955.7	1039.0	151.4	361.1	276.6	203.6	155.0	63.2
3.5	5.0	1.8	6.9	1.1	3.5	2.9	2.7	3.2
2.6	1.5	3.3	7.4	3.3	7.6	3.2	1.5	2.7
2.8	2.6	2.3	6.9	2.4	3.6	1.2	3.0	2.9
2.4	1.3	4.0	4.7	2.3	3.0	4.4	4.4	4.3
2.0	1.8	3.0	5.0	3.5	3.0	3.1	3.2	1.7
2.8	2.3	1.7	5.1	2.2	2.9	2.3	2.0	2.9
1.9	2.6	3.3	4.8	3.3	5.3	2.8	5.5	3.0
1739.3	137.4	66.9	46.3	69.1	227.0	723.7	183.4	98.2
2.2	1.7	2.6	4.7	2.4	3.6	3.0	2.4	3.8
2.8	1.8	2.6	7.3	3.3	3.6	5.3	5.7	3.2
2.4	1.4	1.6	7.0	3.7	4.0	4.4	4.9	3.7
1.9	1.4	2.4	4.9	3.0	6.2	3.8	3.1	4.5
3.3	1.6	2.0	4.5	2.1	3.9	3.6	2.5	4.0
2.5	3.4	3.4	5.8	2.8	5.6	1.8	3.3	3.8
3.0	1.0	3.0	4.1	2.0	2.2	2.4	4.0	1.7
2.5	1.7	1.9	3.7	2.2	4.3	2.8	2.6	1.8
1.3	2.0	2.4	5.2	2.0	1.9	3.6	3.1	4.5
1.4	2.8	2.8	5.5	2.5	5.8	5.0	4.9	2.8
3.8	1.9	3.8	4.0	2.0	3.4	2.2	3.0	2.3
3.4	1.6	2.2	4.5	2.1	4.4	4.8	2.6	2.6
3.6	1.3	2.2	4.7	2.7	4.8	2.2	1.9	3.2
2.5	1.7	3.3	4.6	3.1	4.5	2.4	4.1	2.4
2.3	1.4	3.0	7.7	2.5	1.5	1.5	3.1	3.8
2.7	3.4	3.9	5.0	1.6	5.2	3.3	3.8	4.4
3.0	2.8	2.6	2.3	1.4	4.0	1.6	5.0	5.4
1.8	3.7	1.3	4.2	2.3	3.6	2.3	3.8	1.9
1.1	3.4	2.5	3.1	1.8	4.3	4.2	3.6	4.1
3.9	3.1	2.4	5.5	3.1	5.7	1.4	6.3	3.5
1.7	2.6	3.7	6.0	4.0	3.4	3.7	2.8	2.2
3.8	3.4	2.4	6.6	2.4	6.6	5.6	4.9	2.4
2.5	3.0	2.3	5.1	2.6	2.9	2.5	0.8	2.7
3.0	1.2	3.6	5.0	2.3	2.0	2.9	2.1	3.3
3.6	0.6	2.7	3.4	2.0	4.6	2.3	2.0	1.3
3.5	2.0	1.7	2.1	1.8	2.8	2.5	2.0	2.5
3.4	1.4	1.3	2.8	1.5	3.3	2.3	4.9	2.7
4.6	0.9	3.6	4.8	2.9	3.0	3.2	0.8	2.9
3.6	4.1	2.5	4.8	1.8	2.2	2.8	3.9	2.6
3.8	1.3	2.0	2.4	2.1	3.1	3.0	3.7	3.9
6.3	2.4	2.2	3.1	3.1	3.0	2.9	4.2	3.9
2.3	1.4	1.7	3.3	1.9	1.5	2.2	4.1	1.5
3.6	2.9	3.5	7.0	2.2	3.7	2.3	3.6	4.0
6.5	2.7	3.0	3.1	3.0	3.6	2.9	5.2	4.1
1566.9	55.1	808.8	157.7	1884.9	204.3	61.4	118.7	34.0

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5.4	3.2	4.2	4.6	4.9	2.8	5.1	7.6	5.2
5.1	2.2	3.3	3.1	2.5	5.5	3.6	3.4	5.2
4.6	3.2	4.1	6.4	3.7	5.6	4.5	5.0	4.0
2.3	2.2	4.3	4.5	3.2	4.0	4.4	3.2	3.5
2.2	5.1	7.4	3.7	5.6	5.2	5.4	7.1	5.4
3.9	3.1	2.3	3.4	2.3	2.5	2.3	3.9	4.3
4.6	2.5	4.9	3.6	2.1	2.0	3.8	1.8	2.1
4.0	3.7	5.4	2.7	5.3	4.7	4.3	3.5	2.4
4.0	3.0	2.9	4.9	3.5	3.0	2.6	3.4	2.4
4.3	1.7	1.7	1.2	0.9	2.3	1.5	0.9	1.7
2.8	2.8	2.1	2.8	1.2	2.2	2.0	2.6	2.6
3.1	1.9	1.1	3.8	2.0	3.1	2.3	3.0	3.7
6.4	3.4	2.0	2.9	3.6	3.9	2.8	4.2	1.4
5.2	2.5	1.2	3.5	1.1	2.6	1.1	1.6	2.4
1.7	4.0	2.2	3.2	2.2	1.5	3.7	4.8	2.0
275.4	286.0	1220.2	233.0	370.7	100.5	66.1	58.6	266.9
6.3	2.6	1.0	3.1	3.8	3.5	2.3	2.7	4.9
3.1	1.2	2.5	3.3	0.3	1.4	1.7	3.5	3.5
2.6	2.9	2.6	1.8	1.8	3.7	2.1	2.2	2.1
3.0	2.4	3.2	3.0	2.2	3.8	2.5	2.9	4.0
3.4	3.2	4.6	5.9	4.6	5.7	5.1	4.5	4.1
7.8	4.1	3.8	4.0	3.4	3.7	4.2	3.5	3.9
4.5	2.6	4.4	5.3	4.5	3.1	4.0	4.5	3.5
19.7	11.5	13.0	12.5	18.4	16.0	10.1	9.7	7.9
76.3	58.5	51.6	50.2	54.6	43.0	51.2	31.9	51.3
44.3	19.1	17.0	23.0	26.5	33.8	27.9	18.0	19.0
42.5	28.4	31.1	29.4	23.1	22.6	18.7	10.9	14.5
47.2	4.6	5.0	12.4	8.7	13.0	14.7	16.5	15.5
5.4	10.0	9.8	9.5	10.3	11.0	10.4	11.6	9.5
12.5	13.3	15.2	14.8	14.8	14.9	13.4	13.9	14.4
8.3	6.5	7.2	6.7	6.4	5.7	7.2	11.7	6.3
6.7	8.7	7.5	10.6	9.6	8.6	9.8	9.5	8.7
6.7	4.5	4.5	3.1	4.3	7.8	4.8	5.7	7.2
2.2	1.7	2.6	3.1	1.8	2.9	3.2	3.0	1.6
6.4	3.3	5.0	4.5	4.7	5.9	4.5	5.5	5.4
2.1	1.5	1.0	2.2	1.1	2.9	1.7	2.2	1.9
2.5	2.4	2.2	6.0	3.5	4.9	3.6	6.0	4.7
2.7	2.3	3.1	3.6	3.8	1.4	4.0	5.5	3.5
3.8	2.0	2.4	2.2	3.4	4.0	3.8	5.2	2.3
7.5	3.3	4.4	2.8	2.3	3.5	1.7	4.7	1.8
5.2	2.8	1.4	3.0	2.1	3.4	1.7	2.7	2.5
3.6	2.7	2.5	4.9	3.4	3.4	4.4	3.8	1.6
6.4	2.7	1.4	6.1	3.7	5.7	2.5	3.8	1.9
4.8	2.4	2.1	2.9	0.8	2.2	2.0	2.1	2.4
3.7	4.5	2.6	2.9	2.0	3.3	1.8	1.3	3.7
2.8	2.0	1.6	2.8	1.7	4.0	2.5	0.5	2.0
2.4	2.6	3.1	3.4	1.9	4.7	1.6	2.6	3.5

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1.2	1.8	1.7	3.2	2.3	2.4	2.9	2.5	1.8
4.7	3.2	8.1	5.7	5.1	6.6	4.6	7.1	2.3
6.2	3.1	1.5	2.1	3.4	7.7	4.7	2.3	2.1
9.7	3.4	5.3	6.6	4.6	8.3	3.3	6.3	5.8
4.5	5.0	3.2	4.1	3.0	1.0	2.3	5.7	3.8
7.0	2.6	3.3	5.5	4.2	3.5	6.3	5.4	2.9
7.4	4.7	5.4	4.2	3.2	4.1	4.8	2.9	3.1
5.8	5.0	4.1	8.0	5.7	5.4	5.9	6.0	4.2
5.0	4.2	1.8	8.6	4.2	3.1	4.1	3.0	3.7
3.3	4.9	2.7	3.2	2.5	3.4	2.8	2.6	3.7
7.0	4.6	5.4	5.5	4.3	7.3	5.1	3.1	2.9
3.9	1.4	2.7	4.3	2.9	3.7	3.8	3.8	3.0
4.8	2.5	2.6	3.0	2.1	1.0	2.7	4.9	2.9
3.0	1.9	1.8	5.7	1.6	5.3	4.3	2.2	2.6
2.4	1.8	2.5	2.8	1.9	3.5	2.3	3.9	2.5
3.2	1.4	2.6	2.5	1.8	2.8	0.8	2.6	3.4
2.6	2.9	2.7	1.5	1.5	2.7	2.2	6.3	2.3
2.5	1.5	3.7	4.0	2.6	4.2	4.4	2.8	2.9
4.4	1.4	1.5	3.5	2.1	4.1	3.0	5.1	4.1
3.1	2.3	3.3	3.0	3.3	4.1	4.2	3.9	3.1
4.1	2.7	2.9	3.4	2.0	2.7	2.2	2.8	3.7
9.9	9.3	10.5	11.3	10.8	9.3	10.8	10.1	10.5
6.2	5.4	4.4	5.2	4.2	7.4	5.8	5.7	4.6
4.9	7.1	6.6	5.1	6.7	10.2	7.9	8.2	9.2
2.7	3.1	2.2	5.9	2.7	3.8	2.2	3.6	3.3
8.1	6.9	1.7	4.4	1.3	4.6	2.5	3.0	11.1
9.3	1.9	2.8	3.6	1.0	4.0	2.9	3.3	2.9
3.2	2.4	1.8	3.0	1.4	1.7	1.7	3.6	1.6
5.7	3.6	3.0	5.3	2.4	3.1	2.3	5.6	2.4
4.1	3.5	1.8	2.5	1.4	3.3	2.1	3.8	1.2
6.5	3.8	0.9	5.2	2.1	4.2	3.0	3.8	5.2
5.5	2.5	1.8	2.4	1.4	2.9	3.3	4.2	1.6
4.0	3.3	1.6	3.4	2.2	3.5	2.1	3.3	4.1
3.0	0.9	3.1	3.1	2.8	3.2	3.1	3.0	2.8
4.8	3.5	1.9	5.1	2.2	4.0	4.0	5.6	4.8
1.7	3.5	2.3	3.2	1.3	3.1	1.9	1.9	1.8
4.1	1.6	2.1	3.6	2.5	2.7	3.4	3.8	2.9
8.8	3.5	1.5	3.6	1.6	4.3	3.4	3.9	2.3
6.8	1.6	3.0	4.6	1.8	4.4	3.1	2.7	2.4
4.0	0.8	2.8	5.0	2.4	6.1	2.9	4.7	5.0
1.8	3.0	2.8	5.0	3.3	2.3	3.8	4.7	2.9
2.7	2.3	2.6	4.3	2.4	4.3	2.7	4.7	3.9
3.9	4.0	3.2	5.8	2.8	4.5	4.0	2.5	4.2
3.9	2.7	3.0	4.6	2.9	2.0	2.7	3.9	2.6
2.7	1.4	2.2	2.3	1.5	2.2	2.4	3.1	1.8
4.7	1.6	2.7	4.4	2.6	3.8	2.5	2.9	1.9
3.3	2.8	2.1	4.9	2.6	4.2	2.6	1.9	1.7

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6.6	2.3	2.9	3.3	2.6	3.1	1.8	1.8	4.6
3.2	3.5	2.8	5.0	2.9	3.8	2.2	2.1	3.4
4.1	3.6	3.0	2.5	3.2	1.4	4.8	2.1	2.8
3.2	6.2	1.4	3.2	2.0	3.1	4.0	4.5	1.9
3.4	1.5	1.7	3.6	2.2	3.5	1.4	2.8	1.6
3.2	1.9	1.5	2.6	1.6	3.4	1.5	2.9	2.4
5.5	3.8	4.1	5.2	2.3	4.0	3.8	3.3	3.4
134.9	384.1	417.9	430.5	764.6	1232.4	82.0	1214.3	558.8
4.4	2.7	2.5	4.1	2.8	3.4	3.3	3.9	3.6
3.9	2.5	3.2	4.2	3.7	2.8	3.6	3.8	3.8
1.9	2.9	3.4	4.1	2.5	3.1	2.4	3.2	2.1
1.8	1.7	2.5	4.6	3.3	2.9	2.7	1.2	2.6
3.8	1.8	3.2	3.2	2.3	2.3	3.2	3.7	1.5
4.0	3.3	2.4	3.2	2.7	2.0	3.5	1.3	1.2
4.6	4.9	2.5	5.4	2.5	3.6	3.5	2.5	3.4
2.9	2.6	1.3	2.5	2.6	2.5	2.8	2.2	1.4
2.4	0.8	2.9	4.3	1.8	3.5	2.4	4.6	3.0
2.8	1.9	1.7	4.3	1.7	2.1	2.0	2.5	2.1
110.8	66.4	163.2	77.1	62.3	260.8	185.1	77.8	89.1
2.5	0.8	2.7	3.7	2.3	4.7	4.0	3.6	1.8
1.4	1.5	2.4	4.3	3.2	1.2	2.7	3.2	3.8
2.3	1.2	0.9	2.3	1.7	3.5	4.0	1.5	3.4
3.1	1.8	3.1	4.2	2.8	3.7	2.6	2.3	3.7
4.1	2.3	1.5	2.8	2.3	3.9	2.0	5.9	3.5
3.5	1.2	2.9	3.4	1.8	3.9	3.1	2.7	2.7
6.4	1.9	1.9	4.8	2.1	5.2	2.7	2.0	2.5
9.6	3.6	3.3	5.2	2.6	6.6	5.0	4.6	2.3
4.1	3.0	2.2	3.3	1.9	3.3	1.4	4.3	2.1
6.6	3.3	1.9	6.6	3.4	6.2	2.6	4.1	3.3
3.5	2.0	3.4	7.8	3.5	4.1	2.4	3.1	3.5
5.9	4.4	1.8	7.0	1.2	6.0	2.1	2.8	4.7
6.7	3.8	2.0	3.7	1.0	4.4	2.6	3.9	3.5
4.0	3.5	4.0	4.6	3.0	2.8	3.0	3.1	2.1
4.9	2.3	2.8	3.5	1.2	3.5	1.5	1.2	2.8
4.6	1.1	2.2	1.9	2.4	2.5	3.2	3.1	2.8
5.6	1.3	2.3	1.6	4.5	5.1	3.3	5.2	1.6
3.4	1.2	2.5	4.1	3.1	3.2	2.9	4.6	2.3
5.8	2.8	1.0	1.8	3.4	4.1	3.2	4.0	4.5
2.8	2.4	3.9	3.5	2.2	4.3	2.8	6.7	2.8
3.0	2.0	3.1	5.8	2.3	4.4	4.2	1.6	2.7
2.7	5.0	3.8	1.6	2.1	2.3	3.8	4.4	2.3
4.8	2.9	5.5	9.3	4.7	4.3	2.3	2.4	7.5
7.4	2.2	2.0	4.5	2.4	4.5	3.0	7.2	4.0
4.8	1.8	2.1	4.0	2.4	4.5	4.5	5.1	4.1
5.6	2.7	3.3	4.1	2.1	2.2	3.2	3.5	3.6

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2.6	2.8	2.3	3.6	2.0	4.9	3.0	2.2	3.8
6.4	2.6	3.0	4.8	2.2	2.2	4.6	5.2	2.4
7.2	2.5	0.9	1.7	1.0	2.2	2.8	4.1	2.3
7.9	4.6	3.2	3.1	2.8	5.3	2.5	5.2	2.5
5.4	1.5	2.7	4.0	2.7	2.9	2.1	2.3	3.1
16.4	2.6	3.2	5.9	2.8	10.0	5.6	7.4	5.6
68.1	108.5	61.1	53.4	11.2	82.4	23.1	68.4	48.8
3.1	3.0	1.6	2.7	1.8	2.2	1.6	2.7	2.1
5.7	3.6	2.0	4.5	2.5	2.2	2.2	4.9	4.1
2.4	2.3	1.6	3.8	2.9	4.9	2.0	2.5	3.3
2.1	1.7	2.3	4.5	1.9	2.2	3.4	3.3	3.2
6.2	2.7	2.0	3.2	2.6	5.6	1.4	3.4	1.6
3.5	3.0	3.5	3.7	4.2	5.6	3.5	3.1	2.4
2.3	1.6	2.5	5.1	2.8	4.0	2.5	2.1	3.2
4.3	3.0	2.3	4.4	2.3	2.9	3.2	3.5	3.4
3.5	2.5	2.4	2.6	1.7	3.7	2.7	1.4	2.4
3.5	1.5	1.5	2.7	2.1	3.6	2.4	3.2	3.9
3.2	1.7	2.0	2.4	2.5	1.4	3.1	3.4	1.4
3.6	3.3	1.4	4.2	2.5	4.2	2.4	4.8	1.3
4.5	0.8	1.1	5.5	1.0	4.7	2.8	2.3	2.1
4.4	2.6	2.9	3.5	2.3	4.0	4.7	1.6	2.9
6.6	2.8	4.1	4.8	3.0	4.7	4.5	2.8	4.1
7.1	3.1	3.1	3.2	2.4	2.1	2.9	4.4	3.3
5.3	1.6	1.9	3.2	1.4	3.4	2.2	2.6	0.9
3.1	1.4	3.9	3.7	1.8	3.3	4.0	2.3	2.4
4.0	1.3	1.6	4.7	2.4	4.1	2.4	2.2	4.0
5.7	2.4	1.3	1.8	2.1	2.9	4.0	3.2	2.3
3.0	1.3	2.7	4.4	1.5	3.0	4.7	2.9	2.2
6.9	2.2	3.1	3.3	2.1	4.4	5.1	6.8	1.9
2.3	2.6	2.5	4.4	2.3	2.9	1.6	2.8	1.9
5.4	4.2	2.4	3.5	1.6	5.0	3.2	2.1	2.3
4.3	1.8	1.7	3.7	2.0	1.5	1.8	3.3	1.9
1.3	3.1	1.9	3.8	1.2	3.9	3.9	3.7	2.4
5.7	3.0	2.5	6.3	2.5	4.8	1.5	4.2	2.8
4.9	2.7	1.9	3.3	1.5	5.1	1.4	2.3	3.7
3.0	1.3	2.7	3.5	1.8	1.4	2.3	2.6	2.3
2.7	3.2	2.9	4.9	2.9	9.3	3.2	2.0	1.7
4.9	3.4	2.9	2.0	1.5	2.4	2.2	3.4	2.1
5.1	2.1	1.3	2.5	1.4	3.4	2.3	4.2	2.1
2.7	2.1	3.6	4.8	2.6	3.5	2.6	3.9	3.0
3.5	2.1	2.9	2.2	2.1	2.3	2.3	2.3	1.5
4.8	1.2	1.6	2.8	1.6	2.5	1.7	3.5	1.5
4.1	1.3	1.7	3.4	2.0	1.9	2.2	2.3	2.2
2.9	2.2	2.4	3.0	2.7	0.8	3.0	4.7	4.3
2.7	1.7	3.1	3.4	2.5	1.8	2.0	3.5	2.9
2.6	1.4	4.0	5.8	3.0	2.3	2.7	5.7	5.0
2.8	3.1	2.0	2.7	2.3	2.1	2.4	3.6	1.4

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3.5	2.5	1.6	3.8	2.4	1.5	2.2	4.0	1.6
4.1	1.9	1.8	4.1	2.4	2.2	2.2	2.6	1.6
3.2	1.4	2.2	3.7	2.7	4.1	3.4	5.0	3.4
3.8	1.9	3.2	5.3	2.5	2.9	2.3	2.8	2.9
3.7	1.4	2.7	3.0	1.5	1.2	1.5	1.8	2.0
1.4	1.1	2.0	3.2	1.5	1.8	1.0	2.9	2.2
3.1	3.4	1.9	2.2	0.8	2.4	1.9	1.9	2.2
1.5	1.6	2.4	4.4	3.2	3.6	2.1	2.1	2.5
3.4	1.5	2.4	2.7	1.9	2.3	2.8	1.6	2.1
3.4	2.6	2.0	4.4	2.8	3.8	2.6	2.5	2.6
2.1	2.9	1.6	2.1	1.1	2.0	4.4	4.6	2.1
2.3	2.2	2.6	3.5	2.9	2.4	3.3	3.0	2.2

2.6	2.1	2.8	4.6	3.1	2.8	2.0	3.1	3.0
4.7	2.6	1.3	3.2	1.3	2.3	1.8	2.3	2.1
3.3	0.5	1.9	1.1	1.2	2.6	1.1	2.2	1.2
3.2	1.3	2.1	3.8	2.4	2.8	2.5	3.9	1.2
1.2	1.5	1.6	2.5	1.9	2.6	1.2	1.9	1.7
2.2	2.4	2.4	2.8	1.6	2.2	1.9	1.1	3.0
1.3	2.5	2.1	3.9	2.4	1.4	1.5	4.0	3.0
4.6	2.1	2.7	3.2	1.9	2.7	4.1	3.6	1.2
3.7	2.4	2.7	2.9	1.2	3.7	2.2	3.4	1.6
3.5	2.5	1.6	2.0	1.6	2.4	1.8	1.7	3.2
1.6	3.4	3.3	3.7	2.3	2.2	3.1	4.0	3.3
3.1	3.2	2.1	6.3	3.2	2.2	1.8	3.3	2.9
4.2	2.3	2.3	4.6	3.7	5.8	1.0	3.2	3.4
4.6	5.0	3.1	3.4	1.2	3.8	3.9	3.5	1.3
3.8	3.6	2.9	2.8	2.5	3.0	3.0	1.9	3.4
4.6	1.7	4.3	3.4	3.7	2.2	4.7	4.4	2.9
3.7	5.0	3.1	3.2	2.8	4.2	3.7	2.8	3.4
4.9	4.2	2.5	5.9	3.3	1.8	2.8	5.6	1.6
3.8	5.0	3.6	4.5	4.2	5.3	3.0	3.9	4.7
2.7	2.0	2.8	3.0	1.8	3.7	2.6	1.7	2.4

Data Repository item 2003106

Pb	Th	U
1.6	4.4	7.6
3.1	13.2	11.5
1.8	18.8	15.6
3.4	4.0	9.4
1.2	8.6	8.5
2.6	7.0	8.9
15.2	116.4	136.6
67.3	49.1	31.6
5.2	33.6	46.9
73.8	35.9	40.8
10.4	15.3	5.6
5.8	10.6	21.3
8.9	17.6	6.1
42.9	133.2	130.2
4.6	28.6	17.2
1.3	5.6	2.7
10.2	5.0	3.4
8.6	6.3	3.6
25.2	3.2	7.5
19.3	5.2	3.0
43.2	4.6	7.8
5.9	4.9	6.8
3.4	4.3	3.7
31.6	7.6	3.7
56.8	3.9	4.2
11.5	4.7	5.4
3.0	3.9	5.6
3.7	5.5	6.0
3.4	4.5	4.1
4.1	10.1	5.9
5.6	5.8	3.7
3.3	5.6	11.6
4.3	6.3	3.6
2.6	2.8	1.5
4.0	5.7	5.5
3.5	7.6	3.7
3.1	2.7	3.1
1.5	151.6	112.5
2.4	3.1	3.7

Data Repository item 2003106

5.5	6.3	12.5
1.8	9.0	27.1
6.0	3.7	4.5
5.6	20.5	13.5
8.6	32.5	24.3
3.9	4.8	8.2
3.8	35.9	18.4
1.5	4.3	4.3
2.0	3.6	29.8
2.1	2.0	8.6
3.2	2.4	23.2
3.1	3.3	19.0
2.8	1.2	9.6
5.3	1.2	35.6
2.3	11.2	6.6
2.5	1.6	20.5
2.4	114.8	4.9
5.8	4.6	6.4
3.2	4.0	3.0
3.2	5.8	5.3
4.3	5.7	2.8
5.3	7.2	3.4
5.6	4.4	4.8
3.5	4.3	6.4
7.9	5.0	4.9
3.9	3.5	4.2
4.4	4.1	4.6
4.5	3.0	4.5
3.8	4.4	5.2
5.8	6.0	5.1
7.1	5.2	7.4
3.0	5.6	5.4
2.9	4.3	3.3
3.6	6.4	4.2
2.3	2.0	4.1
3.7	4.1	4.0
2.4	4.3	4.9

4.5	6.1	2.8
2.9	5.6	5.7
2.0	8.7	9.9
5.4	5.1	5.1
5.4	6.4	8.4
5.9	5.8	8.3
3.9	4.0	4.4
3.8	5.0	6.9
4.3	3.7	7.4
1.5	6.1	1.6
2.5	4.2	9.1
4.1	6.5	4.5

Data Repository item 2003106

4.7	5.8	6.2
2.4	5.2	3.8
3.1	3.9	5.6
3.4	3.8	9.3
3.3	6.7	5.0
1.8	5.9	7.8
1.2	27.5	33.1
3.0	3.7	3.3
6.1	8.9	4.5
7.6	4.0	3.1
3.6	4.7	7.0
3.4	4.5	4.5
8.4	6.8	7.5
9.6	5.6	5.9
10.6	7.0	7.5
8.4	4.9	2.5
4.6	5.5	5.6
2.8	7.0	12.9
8.5	3.7	13.5
4.3	3.2	6.1
3.6	4.2	5.8
5.6	6.9	4.4
5.3	5.4	6.3
2.3	3.2	3.3
6.0	4.5	7.0
3.9	5.0	5.0
4.1	6.9	3.9
3.8	6.5	7.0

3.0	4.3	2.5
2.5	5.8	4.3
3.5	10.0	3.2
3.6	4.0	7.0
3.7	128.6	32.2
1.9	2.1	3.2
2.8	7.2	7.9
3.5	4.0	4.0
3.5	6.4	5.9
5.0	3.9	4.7
3.6	9.3	5.3
3.0	8.9	6.1
6.4	8.8	6.3
2.1	5.3	3.5
4.3	7.6	5.2
7.6	7.7	5.4
5.2	8.2	4.3
2.5	5.1	4.0
4.7	9.9	11.0
4.7	6.5	7.1
6.8	8.5	5.4

Data Repository item 2003106

17.0	42.7	108.6
4.8	2.1	5.1
4.6	4.9	2.9
3.6	5.0	4.0
5.1	5.5	4.1
5.3	7.2	3.8
5.0	5.6	3.9
5.8	5.5	7.4
4.8	9.0	5.3
4.1	6.7	4.2
2.9	7.4	5.5

3.2	2.1	4.1
2.3	1.8	2.8
2.8	4.4	3.7
22.4	5.7	3.9
5.4	4.2	4.0
2.1	10.9	4.0
4.6	7.3	8.8
5.1	124.4	60.2
0.7	3.5	6.4
4.2	3.6	7.3
9.2	2.4	2.3

4.2	2.7	4.5
3.1	6.1	5.2
4.2	4.8	6.2
2.1	5.8	4.2
3.9	5.0	6.3
3.1	3.0	3.3
5.0	2.7	12.6
2.5	5.2	3.0
4.7	5.6	6.1
3.6	10.5	8.6
5.2	3.7	6.8

2.4	6.1	2.0
2.9	17.3	10.9
5.9	7.1	5.0
5.7	7.8	3.7
6.3	4.2	7.1
4.4	4.6	6.2
17.5	6.9	3.9
5.8	5.4	8.9
9.6	7.3	5.3
2.9	11.5	3.0
4.4	79.8	33.7
8.5	9.2	7.0

Data Repository item 2003106

1.6	6.8	12.3
2.5	2.8	10.5
42.4	9.6	6.7
33.2	164.4	429.0
8.8	44.9	16.0
4.2	5.2	3.2
7.4	31.2	60.4

2.3	3.1	3.3
3.1	13.7	13.5
5.0	19.3	44.3
3.7	3.7	3.6
4.1	248.3	473.1
1.1	7.0	5.0
3.6	2.9	3.6
3.2	10.4	21.8
2.9	1299.1	91.1

12.3	64.7	479.1
4.9	3.1	4.9
7.2	38.9	15.8
3.6	6.6	10.2
3.3	61.2	43.9
2.2	6.8	6.7
5.3	183.8	154.6
8.1	27.8	42.0
4.1	7.1	2.8
7.6	2.1	3.8
3.4	3.4	5.7
3.7	3.2	6.3
5.9	3.8	3.3
4.6	4.5	6.9
5.0	5.2	3.8
10.7	8.4	5.0
17.7	3.3	3.4
6.8	7.2	6.2
2.4	6.6	4.0
2.9	6.1	5.1
7.5	5.2	3.8
4.7	5.3	6.4
1.6	5.0	1.2
5.2	7.4	6.4
3.4	4.3	6.3
6.1	6.0	5.9
7.0	3.9	4.7
7.3	119.2	83.5

Data Repository item 2003106

1.8	1.4	1.0
1.6	2.1	5.4
1.4	1.3	3.2
2.8	1.5	7.5
1.7	1.3	3.9
3.6	3.9	1.7
3.4	4.0	5.4
4.3	2.4	3.2
2.0	1.5	6.3
1.8	2.8	3.1
2.1	1.9	3.9
4.3	4.5	2.9
3.4	2.4	2.4
2.4	4.6	7.7
10.7	2.5	4.6
5.0	1.4	3.6
2.7	2.9	2.2
3.4	2.2	6.2
2.5	2.6	6.3
2.0	1.5	3.3
4.7	3.4	3.6
5.2	5.0	7.6
5.2	5.2	3.1
2.1	5.2	7.7
3.2	2.8	8.7
3.3	3.8	4.1
1.7	3.0	2.4
4.7	5.2	3.0
5.3	5.2	3.7
15.4	2.7	3.8
3.3	3.8	8.9
2.5	3.9	9.0
1.1	4.5	3.8
2.8	3.3	10.1
2.9	2.7	3.0
2.3	1.1	7.4
4.5	3.7	5.4
4.9	4.0	6.6
4.1	3.6	4.1
2.9	5.2	6.2
2.3	3.1	8.4
5.0	4.4	6.1
1.8	1.4	2.9
3.8	3.3	5.1
2.0	7.0	6.6
5.7	54.0	140.4
6.0	13.5	11.6
2.0	7.9	4.5

Data Repository item 2003106

3.7	0.7	4.2
5.2	30.6	14.9
8.2	15.8	7.5
6.7	164.8	297.4
3.0	8.8	8.2
8.1	37.8	31.5
4.2	113.5	74.0
7.7	4.6	4.4
3.9	2.6	7.5
5.8	143.4	171.3
6.8	59.7	869.7
3.5	1.8	3.3
3.6	2.8	10.9
19.6	19.5	32.4
4.3	13.4	21.8
2.6	5.7	4.6
6.4	9.2	12.8
4.6	719.4	130.1
8.5	3.6	32.6
7.6	16.2	11.6
2.3	15.2	29.4
2.2	6.4	4.1
5.9	35.5	60.7
5.5	95.4	1074.4
3.7	7.8	6.3
8.1	5.0	8.2
13.5	5.7	2.4
19.9	5.3	6.5
12.4	9.0	6.0
10.6	6.5	7.2
3.9	5.0	12.2
5.2	5.7	6.8
7.8	5.7	5.2
2.0	6.5	2.9
6.5	4.6	14.1
18.1	85.5	124.5
2.4	591.4	7401.1
6.2	9.2	6.5
4.6	6.4	15.8
5.0	4.4	10.2
6.8	9.3	9.0
4.5	5.5	6.3
4.4	851.1	262.3
1.9	11.0	9.1
2.6	4.6	4.7
3.5	2.1	9.6
1.1	4.8	5.4
3.6	3.8	3.1
9.5	2.9	6.0
1.5	21.2	9.2
7.4	4.6	1.9

Data Repository item 2003106

3.5	5.8	3.5
5.4	5.4	2.7
8.2	4.1	5.0
1.7	3.4	1.8
4.4	3.5	6.9
2.3	3.5	6.6
4.2	4.8	2.2
3.5	1.7	2.9
1.4	4.8	9.7
4.5	2.1	1.6
0.8	3.5	5.8
2.3	2.3	9.4
8.4	6.2	5.3
1.1	4.7	4.6
4.6	3.7	4.8
1.7	16.6	29.5
12.0	2.4	8.7
6.7	3.9	3.5
2.9	4.5	11.6
3.5	4122.6	103.2
1.0	7.0	4.4
3.8	4.3	4.8
2.6	2.6	1.6
0.8	4.2	13.2
3.2	4.0	9.5
12.9	4.6	4.2
3.4	2.3	7.1
2.9	6.1	3.9
70.3	224.7	166.2
52.8	137.3	151.9
66.7	223.7	139.3
33.8	139.8	108.9
20.9	3.9	5.4
31.4	6.0	4.5
13.0	6.1	2.6
8.2	4.8	10.5
5.7	3.1	3.9
15.2	3.1	8.8
10.0	3.3	5.4
8.7	7.9	8.6
8.1	2.2	3.4
6.4	3.2	6.6
3.3	3.6	7.5
4.5	3.3	3.2
2.1	4.9	2.2
2.4	2.8	5.1
1.8	3.4	9.2
2.8	5.5	5.9
1.5	3.6	1.4

Data Repository item 2003106

3.4	3.2	10.2
4.0	3.0	3.0
3.8	2.7	8.4

1.8	2.8	7.8
2.5	4.9	4.6
3.1	4.6	5.8
4.0	4.7	6.0
3.0	4.8	5.1
1.9	5.8	3.8
5.8	4.3	3.9
7.6	4.7	6.5
2.7	2.8	5.9
1.9	3.3	2.1
2.2	2.7	12.1
3.0	1.8	8.1
4.3	4.6	7.6
2.5	4.3	2.6
3.8	3.7	3.8
2.1	6.8	9.4
2.3	7.8	4.2
3.3	6.8	5.5

2.6	4.0	4.2
6.0	7.6	17.7
16.5	7.5	4.2
4.9	364.3	2111.0
2.1	6.6	12.2
5.9	8.8	4.8
2.3	3.0	6.9
12.2	5.7	4.4
9.8	1542.0	135.5
11.2	7.1	5.9
8.1	8.4	6.9
5.3	3.5	3.8
8.3	8.5	4.5
6.0	3.8	6.8
6.9	10.8	10.8
4.8	9.4	7.2
4.4	10.1	6.9
4.9	30.2	7.7
1.8	8.8	5.2
11.7	7.0	6.4

4.2	5.8	3.0
1.8	3.6	5.8
2.9	4.0	2.4
1.9	4.3	4.6

Data Repository item 2003106

4.1	1.5	2.6
4.8	66.4	84.4
5.4	2.4	8.3
7.9	3.9	7.7
5.6	4.5	6.7
12.4	5.1	9.0
2.7	2.4	5.0
3.0	3.2	4.2
1.8	2.9	3.4
42.0	242.4	932.4
2.5	5.8	8.6
3.8	3.4	7.1
4.9	6.4	7.6
3.2	6.2	7.5
3.5	5.5	4.6
2.3	2.7	2.1

0.6	3.8	6.5
2.7	1.9	5.3
2.0	2.5	3.0
1.8	3.1	3.9
1.5	8.7	5.1
2.0	6.6	6.3
2.4	4.2	3.5
3.7	3.2	6.2
3.5	1.5	6.6
2.2	3.5	3.4
3.5	5.1	5.6
5.3	3.9	4.4
3.1	5.2	4.4
6.1	5.3	6.4
2.2	1.9	3.7
2.4	2.5	13.8
2.5	2.9	4.9

3.9	4.3	4.0
4.0	4.8	3.5
12.6	5.8	4.0
3.6	6.6	3.4
3.7	4.6	4.1
4.8	3.7	5.1
5.3	6.5	6.1
3.4	12.3	4.6
3.8	14.3	9.4
6.2	3.8	6.5
6.7	10.2	6.6
6.0	385.2	219.2

Data Repository item 2003106

7.6	9.4	4.2
3.3	18.6	4.1
3.8	5.2	4.2
6.2	5.2	5.8
6.1	12.8	5.2
5.1	5.2	7.5
3.8	5.7	5.2
8.4	11.7	7.7
1.7	4.5	4.1
0.8	12.7	5.3
2.7	5.3	2.6
5.3	9.5	4.4
4.2	10.0	6.6
4.3	12.7	5.6
6.3	5.7	3.5
3.2	161.6	125.3
2.9	6.1	6.8
3.6	7.3	5.4
1.7	1.1	1.9
3.3	0.8	2.0
1.6	2.8	3.4
3.8	1.5	5.7
5.1	1.0	5.3
14.4	544.1	5.7
52.0	307.1	55.7
26.9	90.7	9.1
63.9	43.4	9.3
69.7	93.8	27.4
2.9	34.2	8.2
4.2	5.4	14.3
4.3	3.4	9.6
3.1	7.3	8.5
6.2	2.9	8.4
11.9	3.0	5.1
3.7	1.3	5.8
3.8	3.3	3.3
2.9	1.9	4.4
3.4	24.6	4.5
9.8	8.5	3.8
2.4	29.7	5.2
4.1	5.6	3.7
3.2	10.3	1.3
4.6	12.6	4.0
3.2	9.4	5.0
2.3	12.1	3.0
2.0	9.3	4.8
4.5	6.4	2.3

Data Repository item 2003106

2.3	6.6	4.7
9.9	13.2	5.7
3.7	15.6	8.5
7.5	25.6	7.9
6.1	4.0	6.4
5.1	11.3	7.0
4.3	4.5	3.3
3.8	8.8	2.7
4.8	4.5	8.1
2.8	5.5	10.7
1.2	4.7	4.6

3.0	3.2	2.8
2.8	5.3	3.9
3.7	6.4	4.8
3.2	3.6	3.4
5.2	5.0	4.0
1.8	4.9	4.5
3.2	4.2	5.4
4.8	7.6	2.0
2.7	6.3	5.4
3.5	6.7	4.1
2.8	3.9	8.1
3.0	11.4	9.1
4.5	6.7	5.5
2.2	6.4	4.9
2.7	9.9	7.9
2.0	7.4	7.9
4.4	3.9	4.0
8.9	4.8	4.6
1.3	4.4	3.4
5.8	10.4	4.8

3.6	6.3	8.4
4.8	5.3	2.1
5.3	6.2	5.0
5.8	4.4	5.4
3.4	4.3	3.1
2.2	7.7	5.5
3.4	11.1	6.0
4.6	9.2	2.5
4.5	8.1	2.4
4.3	7.4	6.4
6.0	3.9	6.9
4.9	4.4	3.8
3.7	2.9	4.8
3.2	7.2	4.3
3.9	4.9	5.8
5.2	5.0	6.2

Data Repository item 2003106

4.1	14.2	4.0
5.1	3.2	5.0
4.4	5.9	5.4
2.2	7.1	3.2
3.7	5.6	3.7
3.1	5.7	5.6
2.6	17.4	5.7
3.8	312.0	122.9
4.7	8.6	6.7
2.3	4.0	2.5
2.3	3.2	3.3
1.4	4.9	1.5
2.0	4.2	4.0
5.6	6.0	1.8
3.7	8.7	2.8
3.4	14.1	22.8
3.7	4.6	4.5
2.1	7.5	2.1
3.9	17.8	56.9
4.2	6.3	4.4
2.4	5.6	4.2
10.8	11.2	7.3
4.3	5.4	15.5
3.8	4.2	2.4
3.6	6.2	5.9
5.1	7.9	7.8
4.0	12.1	8.7
3.2	3.3	6.7
5.3	15.9	4.6
4.6	6.9	6.8
2.5	8.5	9.6
2.0	7.9	8.7
4.0	5.6	4.9
2.6	5.1	3.5
3.4	5.8	5.3
4.2	11.1	4.5
2.6	1.6	3.8
5.0	8.2	5.2
2.6	4.4	5.6
1.8	6.2	5.9
7.9	9.1	6.9
4.1	5.6	5.7
3.6	3.8	6.7
6.2	6.6	8.2
1.8	14.3	8.6

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3.2	47.1	6.2
10.5	18.6	7.3
4.1	8.9	6.3
3.9	20.6	5.7
4.2	15.3	5.4
1.3	7.9	12.6
2.0	17.8	69.8
2.2	12.7	4.9
3.3	4.6	6.4
3.1	34.8	3.7
2.5	3.9	2.7
1.7	101.4	4.7
2.6	3.2	3.2
2.3	335.6	6.5
3.1	10.1	2.7
1.7	49.4	6.1
1.5	15.9	5.7
2.4	37.7	5.7
2.6	47.6	2.6

4.4	2.8	5.9
2.6	3.2	5.8
4.0	3.4	4.6
3.4	11.1	5.2
2.3	3.8	2.0
2.9	3.4	5.1
4.7	4.0	3.6
2.0	8.7	3.6
3.9	1.9	6.8
5.5	13.0	7.3
3.7	5.5	2.8
3.7	5.2	3.1
1.5	12.2	5.8
6.3	14.5	9.3
4.7	13.5	4.0
3.3	15.0	6.6
1.7	43.6	3.6
4.6	23.4	6.2
3.6	5.1	7.9
10.0	8.4	5.9

5.8	6.7	3.4
2.6	6.9	2.1
4.3	8.4	4.1
4.8	6.1	2.6
4.3	7.7	3.9
2.3	9.7	3.9
4.4	5.9	6.1
2.6	5.6	3.5

Data Repository item 2003106

2.8	8.9	3.9
5.9	5.1	3.0
3.5	12.5	3.7
3.8	8.9	4.1
2.4	8.7	4.3
3.1	14.6	2.7
3.3	4.3	2.7
3.1	5.6	4.7
2.4	3.2	5.4
1.8	11.0	4.8
1.7	3.5	6.4
1.8	4.2	5.4
4.1	7.8	4.0
3.6	13.8	2.5
4.6	9.1	2.0
6.3	9.1	2.2
2.4	6.5	4.0
2.7	6.2	1.5
2.7	8.2	1.8
3.3	6.5	3.5
2.1	2.9	4.3
3.5	5.6	2.5
6.8	10.3	4.1
4.5	32.9	6.4
6.9	6.1	4.6
6.4	4.9	2.7
6.4	12.8	3.8
2.7	16.2	6.4
3.5	7.4	3.2
4.8	11.4	7.5
14.9	7.4	2.8
2.6	14.8	3.5