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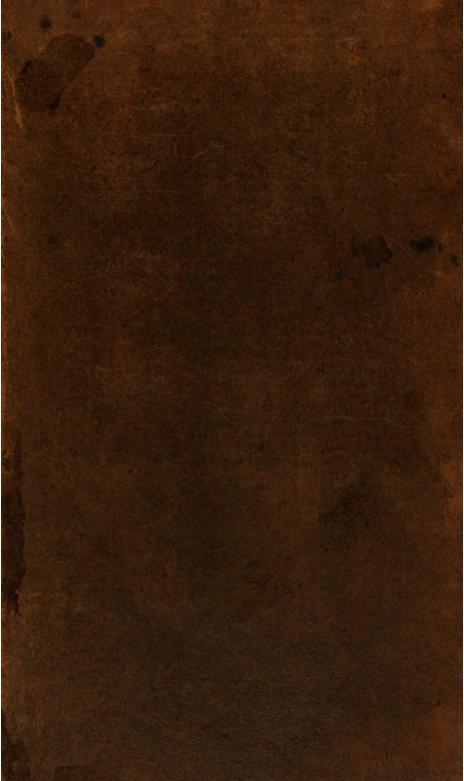
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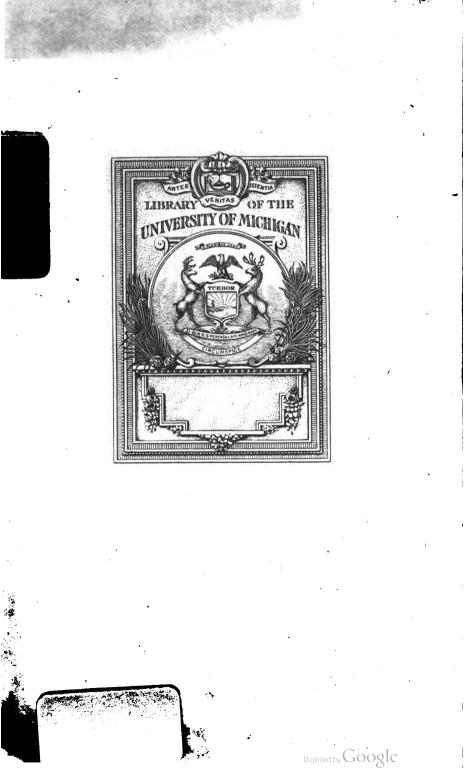
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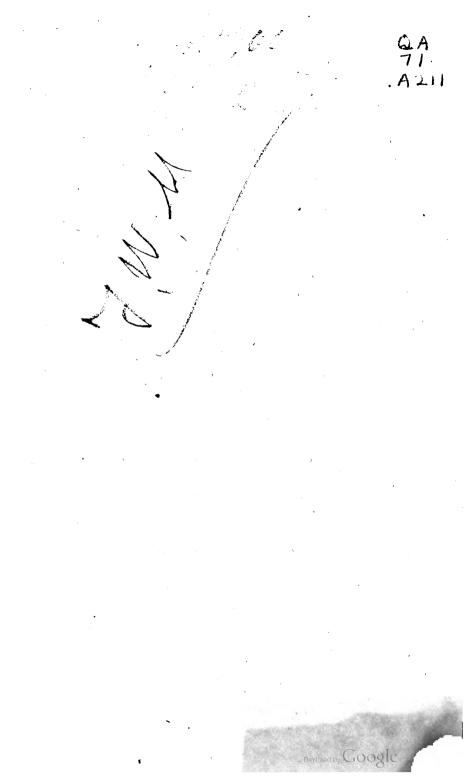
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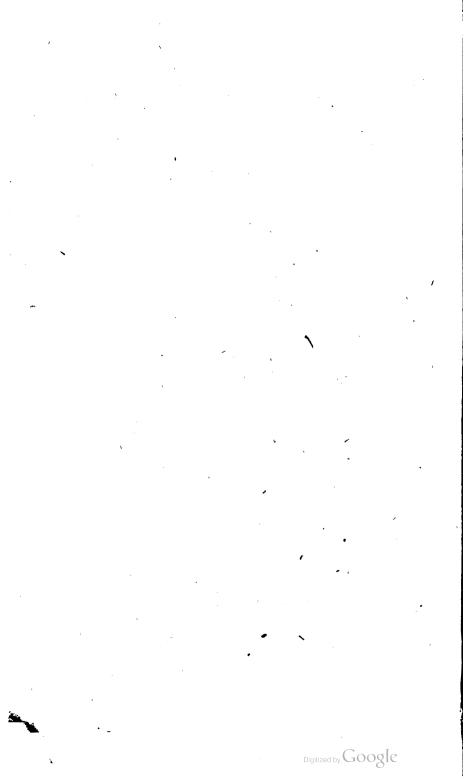
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111 APPENDIX TO MR. ADAMS's Geometrical and Graphical Effays: CONTAINING A TABLE OF THE QUANTITY OF NORTHING, SOUTHING, EASTING, and WESTING. Made on any Courfe, to every Degree and Fifteenth Minute of the Quadrant, at any Distance from 1 to 100. By JOHN GALE. N D O N: Psinted by R. HINDMARSH, Printer to His Reyal Highnels the Prince of Wales, No. 32, Clerkenwell-Clefe. 1791.

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22		0.096			21.998		21.997	0.384	2:
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	24.000	0.105			23.998		23.996	0.419	24
-	25.000	0.109		0.218			24.996		2
	26.000	0.113	25.999	0.287	25.998		25.996	0.454	26
	27.000	0.118		0 236	26.998		26.996	0.471	2
	28.000	0.122	27.999	0.244			27.996	0.489	2
	29.000	0.127		0.253	28.998		28.996		20
30	30.000	0.131	29.999	0.262	29.997		29.995	0.524	30
31			30.999	0.270			30.995	0.541	3.
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36	36.000	0.157	35.999	0:314	35.997	0.471	35.995	0.628	30
37	37.000		36.995		36.997		36.994	0.646	37
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50	58.999	0.257	58.698	0.515	58.995	0.772	58.991	1.030	59
60		0.262	59.99	0.524	59.995		59.991	1.047	60
61	60.999	0.266	60.99	.532	60.995	0.798	60.991	1.065	61
62	La	0.270	61.998	0.541	61.995	0.812	61.991	1.082	62
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68	67.999		67.997	0.505	67.994	0.800	67.990		67 68
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70	69.999	0.305	69.997	0.611	69.994	0.916	69.98,	1.222	70
71	70.999	0.310	70.997	0.620	70.994	0.929	70.989	1.239	71
72	71.999		71.997		71.994		71.989	1.257	72
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78	77.999		77.997		77.993		77-988	1.344 1.361	77 78
79	78.999		78.997	0.689			78.988	1.379	79
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81	80.999		80.997	0.707	80.993	1.060	80.988	1.414	81
82	81.000		81.997		81.993		81.988	1.431	82
83	82.999		82.997	0.724	82.993		82.987	1.448	83
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88	87.999	0.384	87.997	0.768	87.993	1.152	87.987	1.536	88
89	88.999	0.388	88.997	0.777	88.992		88.986	1.553	89
90	89.999	0.393	89.997	0.785	89.992		89.986	1.571	90
91	90.999	0.397	90.997	0.794	90.992	1.191	90.986	1.588	91
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5	4.999	0.109	4.998	0.131	4.998	0.153	4.997	0.174	5
6		0.131	5.998	0.157	5.997	0.183	5.996	0.209	6
7	6.998	0.153		0.183	6.997	0.214	6.996		7 8
8		0.175	7.997	0.209	7.996	0.244	7.995	0.279	
9		0.196	8.997	0.236 0.262	8.996	0.275	8.994		9
10		0.218	9.997		9.995	0.305	9.994	0.349	10
11	10.997	0.240	10.996	0.288	10.995	0.336	10.993	0.384	11
12		0.262		0.314	11.994		11.993	0.419	12
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16 17	- 2.22-	0.349	15.995	0.419	15.993	0.489	15.990 16.990	0.558	
17	16.996 17.996	0.371 0.393	16.994		16.992 17.992	0.519 0.550	17.989	0.593 0.628	17 18
19	18.995	0.415	18.993		18.991	0.580	18.988	0.663	19
20	19.995	0.436	19.993	0.523	19.991	0.611	19.988	0.698	20
21	20.995	0.458	20.993	0.550	20.990	0.641	20.987	0.733	21
22	20.995 21.995	0.450	21.993	0.550	21.990	0.672	21.987	0.768	22
	22.995	0.502	28.992	0.602	22.989	0.702	22.986	0.803	23
24	23.994	0.524	23.992	0.628	23.989	0.733	23.985	0,838	24
25		0.545	24.991	0.654	24.988	0.763	24.985	0.872	25
26	25.994	0.567	25.991	0.681	25.988	0.794	25.984	0.907	26
27	26.994	0.598	26.991	0.707	26.987	0.824	26.984	0.942	27
	27.993	0.611	27.990	0.733	27.987	0.855	27.983	0.977	28
29	28.993	0.633	28.990	0.759	28.986	0. 8 86	28.982	1.012	29
30	29.993	0.654	29.99 0	0.785	29.986	0.916	29.982	1.047	30
31	30.993	0.676	30.989	0.811	30.986	0.947	30.981	1.082	31
	31.992	0.698	31.989	0.838	31.985	0.977	31.981	1.117	32
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36	35.991	0.7 8 5	35.988	0.942	35.983	1.099	3 5.978	1.256	36
37	36.991	0.807	36.987	0.968	36.983	1.130	36.977	1.291	37
38	37.991	0.829	37.987	0.995	37.982	1.160	37.977	1.326	38
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41	40.99c	0.894	40.986	1.073	40.981	1.252	40.975	1.431	41
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43	42.99C	0.938	42.985	1.126	42.980	1.313	42.974	1.501	43 44
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54	5 3 .987	1.178	53.981	1.414	53.975	1.049	53.907	1.885	54
55	54.987	1.200	54.981	1.440	<u>54.974</u>		54.966	1.919	55
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61		1.331	60.979	1.597	60.972	1.863	1	2.129	61
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76		1.658	75.974	1.989	75.965	2.321	75.954	2.652	
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89 90		1.948	89.969	2.356	89.958	3.748	89.945	3.141	90 90
		1.985		2.382	90.958	2.779	90.945	3.176	91
91 92		2.007	91.968	2.408	91.957	2.809	90.945	3.211	92
93		2.029	92.968	2.434	9 2.9 57	2.840	92.943	3.246	93
94	93.978	2.051	93.968	2.461	93.956	2.871	93.943	3.281	94
	<u>94.977</u>	2.072	94.967	2.487	94.956	2.901	94.942	3.315	95
96		2.094	95.967	2.513	95.955	2.982	95.942	3.350	96
97	96.977	2.116	96.967	.2.539	96.955		96.941	3.385	97
98	97.977 9 8.9 76	2.138 2.160	97 .9 66 9 8.9 66	2.565 2.591	97-954 9 8.954		97.94° 98.94°	3.420 3.455	98 99
99 100		2.181	99.966	2.618	99.953	3.054	99.940 99.939	3.490	
	E. W.	N. S.	E. W.	N. S.	E. W.	N. S.	E. W.	N. S.	
Diff		Min.	·	Mio.		Min.	-		Di₽.
17	- <u>4, '</u>				Degrees.		o Min.		1.5
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1			2]	Degrees.			3 D	egrees.	
Dia.	15	Min.		Min.	45	Min.		Ain.	9
₹	N. S.	E. W.	N. S.	E. W.	N. S.	E. W.		E. W.	Diඈ.
I	0.999	0.039	0.999	0.044	0.999	0.048	0.999	0.052	1
2	1.998	0.078	` 1 -998	0.087	1.998	0.096	1.997	0.105	2
3	2.998	0.118 0.157		0.131 0.174	2.996		2.996		3
4 5			3.996 4.995	0.218	3.995 4.994	0.192 0.240	3 • 994 4 • 993	0.209 0.262	4
6		0.236				0.288			_5
7	6.995	0.275		0.305	5993 6.992	0.336	5.992 6.990	0.314 0.366	6 7
8	7.994		7.992	0.349	7.991		7.989	0.419	8
9		0.353	8.991	0.393	8.990	0.432	8.988	0.471	9
10		0.393	9.990	0.436	9.988	0.480	9.986	0.523	10
	10.992		10.990	0.480	10.987		10.985	0.576	11
	11.991 12.990		11.989 12.988	0.523 0.567	11.986 12.985		11.984 12.982	0. 628 0.680	12
	13.989		13.987	0.611	13.984		13.981	0.733	13 14
	14.988		14.986	0.654	14.983	0.720	14.979	0.785	15
16	15.988	0.628	15.985	0.698	15.982	0.768	15.978	0.837	16
17	16.987	0.667	16.984	0.741	16.980	0.816	16.977	0.890	17
	17.986		17.983	0.785	17.979	0.864	17.975	0.942	18
20	18.985 19.985		18.982 19.981	0.829 0.872	18.978	0.912 0.960	18.974	0.994 1.047	19
	20.984		20.980		19.977	1.008	19.973		20
	21.983		21.979	0.916 0.960	20.976 21.975		20.971	1.099 1.151	21 22
	22.982	0.002	22.078	1.003	22.974		22.968		23
	23.981	0.942	23.977	1.047	23.972		23.967	1.256	24
1	24.981		24.976	1.090	24.971	1.199	24.966	1.308	25
	25.980	1.021	25.975	1.134	25.970	1.247	25.964	.1.361	26
27	20.979 27.978	1.000	26.974		26.969	1.295	26.963	1.413	27
20	28.978	1.138	27.973	1.221	27.968 28.967	1.343 1.391	27.962 28.960	1.465 1.518	28
30		1.178	29.971	1.309	29.965		29.959	1.570	29 30
31	30.976	1.217	30.970		30.964		30.958	1.622	31
	31.975		31.970		31.963		31.956	1.675	32
	32.975	1.296	32.969	1.439	32.962	1.583	32.955	1.727	33
	33.974		33.968	1.483	33.961		33.953	1.779	34
35			34.967	1.527	34.960	and the second division of the second divisio	34.952	1.832	35
36	35.972 36.971		35.966	1.570	35.959	1.727	35.951	1.884 1.936	36
38	37.971	1.402	36.965 37.964	1.657	36.957 37.956	1.822	36.949 37.948	1.930	37 38
. 39	38.970		38.963	1.701	38.955	1.871	38.947	2.041	39
<u>4</u> c	39.969		39.962		39.954		39.945	2.093	40
41	40.968	1.610	40.961	1.788		1.967	40.944	2.146	41
	41.968	1.649	41.960	1.832		2.015	41.942	2.198	42
	42.967 43.966	1.688		1.876	42.950		42.941	2.250	43
	43.900	1.767	43.958 44.957	1.919 1.963	43 · 949 44 · 948		43•940 44-938	2.303 2.355	44
	45.965		45.956	2.006	45.947		45.937	2.407	45
	46.964	1.845	46.955	2.050	45.947		45.937		40 47
48	47.963	1.884	47.954	2.094	47.945		47:934	2.512	48
	48.962	1.924	48.953	2.137	48.944	2.351	48.933	2.564	49
50	49.961	1.963	49.952	2.181	49.942	2.399	49.931	2.617	50
	E. W.	N. S.		N. S.	E. W.	N. S.		N. S.	U
DiR:	45	Min.	30	Min.	15	Min.	61	Min.	Dift.
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Dift	15	Min.	30	Min.	45	Min.	ON	_	Dift
₽	N. S.	E. W.		E. W.		E. W.		ACCORDING TO A	A.
51	50.961	2.002	50.951	2.225	50.941	2.447	50.930	2.669	51
	51.960		51.951	2.268	51.940		51.929	2.721	52
	52.959	2.081	52.050	2.312	52.939	2.543	52.927	2.774	.53
54	53.958	2.120	53.949		53.938	2.591	53.926	2.826	54
55	54.958	2.159	54.948	2.399	54.937	2.639	54.925	2.878	55
56	55-957	2.198	55.947	2.443	55.936	3.687	55.923	2.931	56
	56.956	2.238	56.946		56.934	2.735	56.922	2.983	57
58	57.955	2.277	57.945	2.530	57.933	2.783	57.921	3.035	58
	58.955	2.316	58.944	2.573	58.932	2.831	58.919	3.088	59
60	59.954	2.350	59.943	2.617	59.931	2.879	59.918	3.140	60
	60.953	2.395	60.942	2.661	60.930	2.927	60.916	3.192	61
	61.952	2.434	61.941	2.704	61.929	2.975	61.915	3.245	62
	62.951	2.473			62.927	3.023	62.914	3.297	63
	63.951	2.513	63.939		63.926		63.912	3.349	64
05	04.950		64.938		64.925	3.119	64.911	3.402	65
66	1 2 2 1 2	2.591			65.924	3.167	65.910	3.454	66
	66.948		66.936		66.923		66.908	3.506	67
	67.948		67.935		67.922		67.907	3.559	68
	68-947		68.934		68.921		68.905	3.611	69
70			69.933	3.053	69.919		69.904	3.663	.70
	70.945		70.932	3.097	70.918	3.406	70.903	3.716	71
	71.944		71.931	3.141			71.901	3.768	.72
	72.944		72.931	3.184		3.502	72.900	3.820	73
	73.943		73.930	3.228	1	3.550	73.899	3.873	74
	74.942	2.944		3.271	74.914		74.897	3.925	75
	75.941	2.984	75.928	3.315	75.912			3.977	. 7.6
	76.941	3.023	76.927	3.359			76.894	4.030	77
7.8	77.940	3.062 3.101	77.926	3.402			77.893	4.082	78
80	78.939 79 938	3.141			78.909	3.838	78.892		79
-			79.924		79.908		79.890	4.187	
	80.938	3.180	80.923	3.533	80.907		80.889	4.239	81
	81.937 82.936	3.219	81.922 82.921	3.577	81.906		81.888	4.292	82
83	83.935		83.920		83.903	3.982	82.886	4.344	83 84
85		3.337	84.919		84.902		84.884	4.396	85
								4.449	
86	85.934 86.933		85.918	3.751	85.901 86.900	4.126	85.882 86.881	4.501	86
	87.932		87.916	3.828	87.899	4.174	87.879	4.553	88
	88.931	3.404	88.915	3.882	88.898		88.878	4.658	89
	89.931	3.533	89.914		89.896		89.877	4.710	90
	90.930				90.895		90.875		
	91.929	3.612	90.913 91.912		91.894		91.874	4.763	91
	92.928	3.651	92.911	4.057	92.893		92.873	4.815	92 93
	93.928		93.911		93.892		93.871	4.920	95
	94.927		94.910		94.891		94.870	4.972	95
-	95.926		95 909	4.187			95.868	5.024	96
	96.925	3.808	96.908		96.888		96.867	5.077	97
	97.924		97.907	4.275	97.887		97.866	5:129	98
90	98.924		98.906	4.318	98.886	4.750	98.864	5:181	99
	99.923	3.926	99.905	4.362	99.885	4.798	99.863	5.234	
-	E. W.	N. S.	E. W.	N. S.	E. W.		E. W.		-
Die l	Contractor	lin.	30 1	M.n.		Min.	1	lin.	Dia
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		.	3 D	egrees		-	4 D	egrees.	-
9	15	Min.		Min.	4.5	Min.	01	Min.	D,
7			N. 8.	E. W.	N. S.	E. W.	N. S.	E. W.	Â.
1	0.998	0.057	0.998	0.061	0.998	0.065	0.998	0.070	1
2	1.997	0.113	1.996	0.122		0.134	1.995		2
3	2.995	0.170	2.994	0.183		0.196			
4	3.994	0.227	3.992	0.244		0.262			4
5	4.992	0.283	4.991	0.305	4.989	0.327	4 988	0.349	-5
6	5.990	0.340	5.989	0.366	5.987	0.392	5.985		
7	6.989	0.397		0.427		0.458			8
8	7.987	0.453 0.510	7.985 8.983	0.488 0.549	7.983 8.981	0.523 0.589	7.980 8.97		
9 10	8.985 9.984	0.567		0.610		0.654	9. 976		9
	and the second s				10.976				11
11 12		0.680	10.979 11.978 12.976		11.974				12
13		0.217	12.976		12.972	0.850	11.97	3 0.907	
14		0.794	13.974	0.855	13.970		13.966		14
15		0.850	13-974 14-972	0.916			14.963	1.046	15
16	15-974	0.907	15.970	0.977	15.966	1.046	15.90		16
17	16.973	0.964	16.968		16.964		16.959		
	17.971	1.020	17.966	1.099	17.961	1.177	17.950	1.256	
1 19			18.963	1.100	18.959		18.954 19•951		
	19.968		19.963						20
21	20.966 21.965	1.190	20.961 21.959	1.282		1.373	20.949 21.940	1.465 1.535	21
	22.963	I.204	22.957	I.343 I.404	21.953	1.604	22.04	1.604	23
1.34	23.961	1.361	23.955	1.465	22.951 23.949	1.570	22.944 23.942	1.674	
25			24.953	1.526	24.946	1.635	24.939	1.744	25
26		1.474	25.952	1.587	25.944	1.700	25.937	1.814	26
	26.957	1.531	25.952 26.950	1. 64 8	26.942	1.766	26 934	1.883	27
28	27.955	1.587	27.0.18	1.700	27.940	1.831	27.931	1.953	28
29		1.044	28.946	. 1.770	28.938	1.897	28.929		29
30			29.944		29.936	1.962	29.927	-	30
	30.950		30.942		30.934	2.027	30.924	2.163	31
	31.949 32.947	1.871	31.940		31.931 32. 9 29	2.1093	31.922 32.920	2.232	32 33
33		1.918	32.938 33.937		33.927	2.224	33.911	2.372	34
35		1.984	34.935	2.137	34.925	2.289	33-91) 84-91	2.442	35
	35.942	the second day of the	35.933		35.923		35.912		36
1 27	36.940	2.098	36.931	2.2.50	36.921	2.420	36.910	2.581	37
38	37.939	2.154	37.929	2.320	37.919	2.485	37.907 38.909	2.651	38
39	38.937	2.211	38.987		38.916	2.551	36.909	2.721	39
	39.936		39.925		39.914		39.903		40
	40.934		40.924		40.912	2.681	40.900	2.860	41
42	41.932	2.381	41.922	2.594	41.910		41.898 42.89		
1 43	42.931 43.929	8.40A	42.920 43.918	2.686		2.878	43.893	3.000	43 44
44 45	44.928		44.916		44.904	2.943	44-890	3.139	45
	45.926		45.914	2.808	and the second division of the second divisio		45.888		46
	46.924	2.665	46.912		46.899	3.074	46.886	3.279	47
3	47.923	2.721	47.010	2.070	47.897	3.134	47.883	3.348	48
	48.921	2.778	48.909	2.991		3.805	48.88	3.418	49
<u> </u>		2.835	49.907	3.052	49.893		49.878		50
	E. W.	_	E. W.		E. W.		E . W	-	₽
Dif.	45	Min.	30	Min.	-	1in.	0	Min,	,₹
				86 D	egrees,				

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	1		. 3	Degrees.		. 1	4 De	grees	
Dia	15 N	lin.	30	Min.	45	Min.	O N	lin.	Dift.
P	N. S.	_	N. 5	E. W.	N. S.	E. W.	N. S.	E. W.	1
51	50.918	2.891	50.90	3.114	50.891	3.336	50.876	3.558	5'1
52	51.916	2.948	51.90	3 3.175	51.889 52.887	3.401	51.873	3.627	52
53	58.915	3.005	52.90	1 3.230	52.887	3.400	52.871 53.868	3.697 3.767	53
54	53.913		53.89	9 3.297	53.884 54.882	3.534	54.866	3.837	54 55
	54.912	3.118	54.89	3.350	54.002	3.663	55.864	3.906	50
56	55.910	3.175	55.89	1 2 180	55.880 56.878	1 7.728	56.861	3.976	57
57	56.908 57.907	3.288	56.89 57.89	2 7.541	57.876	3.793	57.859	4.046	58
20	58.905	3.345	58.89	3.602	58.874	3.859	58.856	4.116	59
	59.904	3.402	59.88		59.872	3.924	59.854	4.185	60
61	60.902		60.88		60.86;			4.255	61
	61.900	3.515	61.88		61.867	4.055	61.849	4.325	62
	62.899		61.88		62.865 63.863		62.847 63.844	4·395 4·464	63 64
	63.897	3.028 3.685	63.88 64.87	1 3.907 3.968	64.861	4.251	64.842	4.534	65
	64.895	-	65.87		65.859	4.317	65.839	4.604	66
	65.894 66.892		66.87	4.029	66.857	4.382	66.837	4.674	67
	67.891		67.87	4.151	07.854	4.447	67.834	4.743	68
	68.889		68.87	4.212	68.852		68.832	4.813	69
70	69.887	3.968	69.86	4.273	69.850		69.829	4.883	70
71	70.886	4.025	70.86		70.848		70.827	4.953	71
72	71.884		71.86	6 4.395	71.846	4.709	71.825 72.822	5.022 5.092	72 73
	72.883		72.86. 73.86	4 4.458	72.844 73.842	4·774 4.840	73.820	5.162	74
	73.881 74.879	4.195	74.86		74.839	4.905	74.817	5.232	75
	75.878		75.85		75.837	4.971	75.815	5.301	76
	76.876	4.309	76.85	6 4.701	76.835	5.036	76.812	5.371	77
	77.875	4.422	77.85	4.762	77.872	5.101		5.441	78
79	78.873	4.479	78.85	4.823	78.831	5.167	78.808 79.80ς	5.511 '5.581	- 79 - 80
	79.87 I		79.85	1 4.884	79.829	5.232			81
	80.870	4.592	80.84	9 4.945	80.827 81.824	5.298 5.363	80.803 81.800	5.650 5.720	82
	81.868	4.049	81.84		82.822	5.428	lo - 1	5.790	81
03	82.867 83.865	4.762	82.84 83.84	5.128	83.820	5.494		5.860	84
	84.863	4.819	84.84	1 5.189	83.820 84.818	5.559	84.793	5.929	85
	85.862	4 8-6	86.84	5.250	\$5.816	5.625	85.791	5.999	86
	86.860	4.932	86.83	8 5.311	186.814	5.090	86.788	6.069	87
88	87.858	4.080	87.82	6 5.372 [,]	87.812	5.755	87.786 88.783	6.139 6.208	- 88 89
	88.857	5.046	88.83	4 5.433 2 5.494	h ~ 1	5.886	89.781	6.278	90
	89.855	5.102	89.83	3.494			90.778	6.348	91
	90.854	5.159	90.83 91.82	5.555	90.805 91.803	6.017	91.776	6.418	92
	91.852 92.850	5.272	92.82	5.678	92.801	6.082	92.773	6.487	93
04	93.849	5.320	93.82	5 5.739	93 799		93.771	6.557	94
	94.847	5.386	94.82	3 5.800	94.797		94.769	6.627	.95
	95.846	5.442	95.82	1 5.861	95.794		95.766	6.697	96
97	96.844	5.499	96.81	9 5.922	96.792		96.764 97.761	6.7 6 6 6. 836	97 98
98	97.842	5.556	97.81 98.81	7 5.983	97.790 98.788		98.759	6.906	99
1,99	98.841 99.839	5.613 6.669	90.01 99.81		99.786		99.756	6.976	
1		N. S.			E. W.		E. W.	N. S.	
- -			-			Min.	ON	410.	Dift.
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15 Min. 45 Min. 45 Min. 0 Min. 0 Min. 0 Min. 0 Min. 0 Min. 0 <th< th=""><th></th><th></th><th></th><th>4 D</th><th>egrees.</th><th></th><th></th><th>I S De</th><th>grees.</th><th>-</th></th<>				4 D	egrees.			I S De	grees.	-
1 0.997 0.074 0.997 0.078 0.997 0.087 0.996 0.997 0.087 1 0.992 0.222 2.991 0.235 2.990 0.248 2.980 0.361 1.992 0.174 3 9.992 0.222 2.991 0.235 2.990 0.248 2.980 0.361 5 4.985 0.317 4.993 0.444 4.981 0.436 5 4.986 0.370 4.985 0.398 4.993 0.444 4.981 0.436 6 5.984 0.4455 5.997 0.647 5.977 0.523 7 6.981 0.593 7.975 0.648 6.960 0.745 8.966 0.781 10 9.973 0.741 9.966 0.828 9.962 0.871 1.0451 1.0451 1.1351 11 10.963 0.303 12.966 1.0421 12.955 1.076 12.951 1.1331 1.1433 1.141 1.951 1.255 1.5945 1.341 1.9431 1.266 1.291	3	15	Min.	30	Min.	45	Min.	0 1	Ain.	Ð
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	7	N. S.	E. W.	N. S.	E. W.	N. S.	E. W.			?
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	I	0.997	0.074	0.997	0.078	0.007				
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$ \begin{array}{c c c c c c c c c c c c c c c c c c c $		the local division of		_	0.392	4.983	0.414	4.981		Ś
$\begin{array}{c c c c c c c c c c c c c c c c c c c $		5.984								6
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	ś									· 7
$\begin{array}{ c c c c c c c c c c c c c c c c c c c$				8.072						
1110.9700.81510.9660.86310.9620.91110.9580.95911311.9670.88911.9630.94111.9590.99411.9580.96311312.9640.96312.9601.02012.9551.07612.9511.13311413.9621.03713.9571.09813.9421.15913.9471.23511514.9591.12114.9541.17714.9481.24214.9431.30711615.9561.18615.9511.26515.9451.32515.9391.39411716.9531.26016.9481.33416.9481.40218.9551.57318.9281.66912019.9451.48219.9381.56919.9311.65619.9241.743222120.9421.55620.9351.64820.9281.73920.9201.83022221.9401.63021.9321.72621.9241.82221.9161.997222328.971.92723.9261.80522.9211.9052.9122.9022.9022.9202423.9341.77423.9262.9211.9052.29122.0022.9022.9202425.9291.9272.9262.0402.9112.1532.9012.2662.17922726.9262.00126.9172.1182	10			9.969			0.828			9
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	11	10.970		-	_					10
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$\begin{array}{c c c c c c c c c c c c c c c c c c c $			0.963					12.051		12
$\begin{array}{c c c c c c c c c c c c c c c c c c c $					1.098	13.952	1.159			13
$\begin{array}{c c c c c c c c c c c c c c c c c c c $					-	14.948	1.242			15
$\begin{array}{c c c c c c c c c c c c c c c c c c c $				15.951	1.255	15.945	1.325	15.939	1.394	16
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	17	10.953			1.334	16.942	1.408	16.935		17
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	Io	17.951				17.938	1.490	17.932		18
$\begin{array}{c c c c c c c c c c c c c c c c c c c $							1.573			
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$\begin{array}{c c c c c c c c c c c c c c c c c c c $	22	21.040	1.620	21.032						21
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	23	29.937	1.704							22
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	24	23.934	1.779							23 24
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$			1.853	24.923	1.961					25
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	26	25.929	1.927	25.920	8.040	25.911	2.153			26
$\begin{array}{c c c c c c c c c c c c c c c c c c c $						26.907				27
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$							2.319	27.893	2.440	28
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$									1.527	29
$\begin{array}{c c c c c c c c c c c c c c c c c c c $						and the second division of the second divisio			2.615	30
33 32.909 2.446 32.898 2.589 32.867 2.733 32.874 2.876 3 34 33.907 2.520 33.895 2.668 33.883 2.815 33.871 2.963 3 35 34.904 2.594 34.892 2.746 34.880 2.898 34.867 3.050 3 36 35.901 2.668 35.889 2.844 35.876 2.981 35.863 3.138 3 37 36.898 2.742 36.886 2.903 36.873 3.064 36.859 3.226 3 38 37.896 2.816 37.883 2.981 35.866 3.147 37.855 3.312 39 38 37.896 2.816 37.883 2.981 3.9863 3.147 37.855 3.312 39 38 37.896 2.964 39.877 3.138 39.863 3.312 39.848 3.4866 4140.887 3.034 40.874 3.217 40.859 3.392 30.848 3.4866 4.489 3.486 4.4882 3.133 41.871 3.295 41.856 3.478 41.840 3.6660 4 41 40.887 3.036 40.874 3.217 40.859 3.395 40.844 3.573 4 42 41.885 3.133 41.871 3.295 41.856 3.478 41.840 3.6660 4 43 42.882 3.187 42.867 3.374 47.852 3.501 42.836 3.748 4 44 43.879 3.261 43.864 3.452 43.849 3.644 43.812 3.835 44.856 3.478 44.836 3.926 44.852 3.926 44.861 3.521 44.861 3.521 44.861 3.522 44.861 4.286 3.748 4.861 4.852 3.748 4.861 4.876 3.335 44.861 3.531 44.861 3.531 44.861 3.531 44.861 4.286 3.748 4.861 4.286 3.748 4.886 3.748 4.886 3.748 4.886 3.748 4.886 3.748 4.886 3.748 4.886 3.748 4.886 3.748 4.886 3.748 4.886 3.748 4.886 4.886 3.748 4.886 3.748 4.886 3.748 4.886 4.886 3.748 4.886 4.886 4.886 3.748 4.886 4.886 4.886 4.886 3.886 4.886 4.886 3.726 4.886 4.886 3.990 4.886										31
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$					2.511	31.890			2.789	32
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$					2.668	32.882	2.733			
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$							2.808	24.867		34
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	-	the second se	_	the second se			the second se			
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$							2.961	26.800		
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	- 38	37.896	2.816	37.883				37.855		38
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$					3.060	38.866				39
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$			2.964		3.138	39.863	3.312	39.848		40
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$								40.844	3.573	41
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$									3.660	42
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$							3.501			43
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$\begin{array}{cccccccccccccccccccccccccccccccccccc$						_				45
$\begin{array}{c} 48 \ 47.868 \ 3.557 \ 47.852 \ 3.766 \ 47.835 \ 3.975 \ 47.817 \ 4.183 \ 4948.865 \ 3.631 \ 48 \ 849 \ 3.844 \ 48.832 \ 4.058 \ 48.814 \ 4.271 $	40	46.871								46
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	48	47.868		47.852						47
50 49.863 3.705 49.846 3.923 49.828 4.140 49.810 4.358 5 E. W. N. S. E. W. S.	49	48.865								40
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몷	15	Min.	301	Min.	45	Min.		Min.	Dift
.₽	N. S.	E. W		E. W.	N. S.	E. W.	N. S.	E. W.	A.
	50.86c		50.843	4.001	50.825	4.223	50.806		
51 52	51.857	2.850	51.840		51.821		51.802	4.445	51
	52.854	3.928	51.840 52.837	4.158	52.818	4.389	52.798	4.532 4.619	52
	53.851	4.002	53.834	4.237	53.815		53.795	4.706	53
55	54.849		54-830	4.315	54.811		54,791	4.794	54 55
56	\$5.846	4.15C	55 827		55.808		55.787	4.881	56
57	56.843		55.8.4	4.472	56.804	4.720	56.782	4.968	57
	57.841	4.298	57.821	4.551	57.801	4.803	57.779	5.055	58
	58.838	4.372	58.818		58.797	4.886	58.775	5.142	59
	59.8 35	4.446	59.815	4.707	59.794	4.968	59.772	5.229	60
	60.832	4.52.	50.812	4.786	60.790		60.768	5.316	61
62		4.595	j1.809		61.787	5.134	61.764	5.404	62
63		4.669	52.806		62.784	5.217	62.760	5.491	63
04 65	63.824 64.821	4.743 4.817	3.803 14.800	5.021	63.780		63.756	5.578	64
-	the second se	_			15 4.7 77	5.803	64.753	5.665	65
66		4.891	·5·797	5.178	65.773	5.465	65.749 66.745	5.752	66
67 68	66.816 67 813	4.965 5.039	56.793 57.790	5.257	66.770 67. 66	5.548	00.745	5.839	67
69		5.113	8.787	5-335 5-414	58.763		67.741 68.737	5.927 6.014	68
70		5.188	9.784	5.492	69.76c		59.734	6.101	69
71		5.262	70.781						70
72	71.802	5.336	71.778		79.756		70.730 71.786	6.188 6.275	71
73			72.775	5.727	72.749	6.04	78 722	6.362	72
74			73.772	5.806	73.746	6.128	78.722 73.718	6.450	73 74
75	74.794	5.558	74.769	5.884	74.742	6.211	74.715	6.537	75
76		5.632	75.766	5.963	75.739			6.624	76
	76.788	5.706	76.763	6.041	76.736	6.376	75.711 76.707	6.711	
	77.786	5.780	77.760		77.732	6.459	77.703	6.798	77 78
79	78.783	5.855	78.756		78.729		7 8 .699	6.885	79
80		5.929	<u>79.753</u>	6.277	79.725		79.696	6.972	80
81		6.003	80.750	6.355	80.722		80,692	7.060	81
82	81.775	6.077	81.747	6.434	81.718		81.688	7.147	82
83 84	82.772 83.769	6.151	82.744 83.741	6.512	82.715 83.712		82.684	7.234	83
85	84 766	6.299	84.738		84.708		83.680 84.677	7.321	84
86		6.373	85.735					7.408	85
	86.761		86.735	6.747 6 826	85.705 86.701	7.122	85.673 86.669	7.495	86
88	87.758		87.729		87.698	7.287	87.665	7.583 7.670	87 88
89	88.755	6.596	88.726	6.983	88.694	7.370	88.661	7.757	89
90		6.670	89.723	7.061	89.691	7.453	89.658	7.844	90
91		6.744	90.719	7.140	90.687		90.654	7.931	91
	91.747	6.818	91.716	7.218	91.684	7.618	91.650	8.018	92
93		6.892	98.713		92.681	7.701	92.646	8.105	93
	93.742	6.966	93.710	7.3 75	93.677	7.784	93.642	8.193	94
_	_		94.707		94.674	7.867	94.638	8.280	95
	95.736	7.114	95.704		95.670	7.950	95.635	8.367	96
	90.733	7.188	96.701	7.610	96.667	8.032	96.631	8.454	97
	97.731 9 8 .728	7.203	97.698	7.089	97.663	Q. I I S	97.627	8.541	98
100		7.411	98.695 99.692	7.707	98.660 99.657	8.28.	98.623	8.628	99
					<u>99.03/</u> E. W.		99.619	8.716	100
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1		85 Degrees.							1

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			5 De	gre es .		·	6 De	grees.	•
Dia.	15 1	Min.	30	Min.	45	Min.	· 01	Min.	DiA
1	N. S.	E. W.	N. 5.	E. W.	N. S.	E. W.	N. S.	E. W.	P
1	0.996	0.092	0.995	0.096	0.995	0.100	0.995	0.105	1
2	1.992		1.991	0.192	1.990	0.200		0.209	2
3	2.987	0.275	2.986	0.288	2.985	0.301	2.984	0.314	3
4	3.983	0.366	3.982	0.383	3.980	0.401	3.978	0.418	4
5	4.979	0.458	4.977	0.479	4 975	0.501	4.973	0.523	5
6	5.975	0.549	5.972	0.575	5.970	0.601	5.967	·0.627	6
78	6.971	0.641		0.671		0.701	6.962	0.732	7 8
9	7.966 8.962	0.732 0.824		0.767	7.960	0.802	7.966	0.836	• • •
10	9.958		8.959	0.863	8.955	0.902 1.002	8.951	0.941	9 10
11	3.33-		9.954	0.958	9.950		9.945	1.045	
12		1.007	10.945 11.945	1.054	10.945	1.102	10.940	1.150	II
	11.950 12.945	1.098	12.945		11.940 12.935	I.202 I.302	11.934	1.254 . 1.359	12 13
14	13.941		13.936	1.342	13.930		13.923	1.465	+3 14
15			14.931	1.438	14.925	1.503	14.918	1.468	· 15
-16		the second se	15.926	1.534	15.919	1.603	15-912	1.672	16
17	16.929		16.922	1.629	16.914		16.907	1.777	17
18	17.924	1.647	17.917	1.725	17.909		17.901	1.882	18
19		101	18.913	1.821	18.904		18,896	1.986	- 19
20	19.916	1.830	19.908	1.917	19.899	2.004	19.890	2.091	20
21		· 1.922	20.903	2.013	20.894	2.104	20.885	2.195	21
	21.908	2.013	21.899		21.889		21.879	2.300	22
23			22.894		22.884		22.874	2.404	23
	23.899		23.890		23.879	2.405	23.869	2.509	24
25		2.288	24.885		24.874	2.505	24.863	2.613	25
	25.891	2.379	25.880	2.492	25.869	2.605	25.858	2.718	26
	26.887 27.883		26.876		26.864		26.852	2.822	27
20	28.878		27.871 28.866		27.859 28.854		27.847 28.841	2.927 3.031	28
	29.874	2.745	29.862	2.875	29.849		29.836	3.136	29 30
1	30.870	-	30.857		30.844	3.106	30.830	3.240	
	31.866		31.853	2.971 3.067	31.839		31.825	3.345	31 32
	32.862		32.848	3.163	32.834	3.306	32.819	3.449	33
3-	33.857		33.843		33.829		33.814	3.554	34
35	34.853	3.203	34.839	3.355	34.824	3.507	34.808	3.658	35
- 36	35.849	3.294	35.834	3.450	35.819	3.607	35.803	3.763	36
37	26.8.16	3.385	36.830	3.546	36.814	3.707	36.797	3.868	37
38	37.841		37.825	3.642	37.809	3.807	37.792	3.972	38
39	38.836	3.569	38.820	3.738	38.804	3.907	38.786	4.077	39
	39.832	3.660	39.816	3.834	<u>39.799</u>	4.008		4.181	40
	40.828	.3.752	40.811		40.794	4.108	40.775	4.286	41
42	41.824		41.807		41.789			4.390	42
	42.820 43.815		42.802 43.797		48.784		42.764 43.759	4· 49 5 4·599	43 44
	44.811			4.217 4.313	43·779 44·774	4.408	43.759	4.704	
						_		4.808	45
47	6.802 1.201 46 784 1 50				45.769	4.609		4.913	46
48	47.799		47.779		46.764 47.759	4.709 4.809		5.017	47 48
49	48.794	4.484	48.774	4.606	48.753	4.909		5.122	49
	49.790	4.575	49.770		49.748	5.009	49.726	5.226	-50
	E. W.	and the second division of the second divisio	E. W.		E. W.	N. S.	E. W.	N. S.	
Di⊋		Min.	-	Min.		Min.	0 1	tin.	Dift
E					<u> </u>				
<u> </u>	84 Degrees.								

[13]

$ \begin{array}{c} 32 \\ 51,782 \\ 4,758 \\ 51,776 \\ 4,984 \\ 51,773 \\ 5,2178 \\ 4,950 \\ 52,756 \\ 5,751 \\ 5,75$				5 Deg	grees.	·····	1	6 De	grees.	_1
N. S. E. W. N. S. E. W. N. S. E. 51 50-786 4.667 50-763 5.110 50-721 5.331 52 51.782 4.758 51.761 4.984 51.7738 5.210 51.719 5.435 53 53.778 4.950 52.726 5.600 53.728 5.410 53.744 5.510 54.699 5.744 5.5725 5.510 56.695 5.751 5.510 56.685 59.752 5.307 57.733 5.459 5.71708 5.411 55.665 59.721 5.665 59.721 5.667 6.1075 5 58 575 5.307 57.733 5.459 5.71708 5.411 57.622 6.035 6.7721 5.995 57.708 5.411 57.622 6.035 6.773 5.995 5.711 5.995 6.011 59.676 6.273 6.0376 6.422 6.663 6.112 63.643 6.996 6 646 6.526	[므	15 1	Min.	30 N	din.		lin.	0 1	Ain.	ЦЩ Ц
	7	N. S.	E. W.	N. 5.	E. W.	N. S.	E. W.	N. S.	E.	
	51	50.786	4.667	50.765	4.888	50.743	5.110	50.721	5.331	تد و "
$ \begin{array}{c} g_3 \left[52.778 & 4.850 \left[52.750 & 5.080 \\ 54.733 & 5.310 & [52.710 & 5.744 \\ 53.773 & 4.941 & [53.751 & 5.176 & [53.728 \\ 5.476 & 5.035 & 54.747 \\ 5.576 & 50.53 & 54.747 & 5.272 & [54.723 & 5.510 & [57.693 & 5.845 \\ 55.765 & 5.124 & [55.738 & 5.463 & [55.718 & 5.011 & [55.693 & 5.854 \\ 57.750 & 51 & 5.216 & [55.738 & 5.463 & [50.713 & 5.711 & [56.688 & 5.958 \\ 57.752 & 5.307 & 57.733 & 5.519 & 57.708 & 5.811 & 57.682 & 6.107 \\ 50 & 59.748 & 5.490 & [59.724 & 5.751 & [59.698 & 6.011 & [59.671 & 5.272 & 6.665 & [6.673 & [6.674 & 5.673 & [6.171 & [5.294 & 61.686 & [6.216 & 6.376 & [6.666 & 6.376 & [6.666 & 6.376 & [6.666 & 6.376 & [6.666 & 6.376 & [6.666 & 6.376 & [6.666 & 6.376 & [6.666 & [6.763 & [5.738 & 5.456 & [6.212 & [6.688 & [6.212 & [6.684 & [6.794 & [5.673 & [6.736 & [6.736 & [6.326 & [6.668 & [6.12 & [6.563 & [7.666 & [6.376 & [6.632 & [6.326 & [6.668 & [6.612 & [6.563 & [7.794 & [5.678 & [6.312 & [6.633 & [7.094 & [6.666 & [7.715 & [6.227 & [7.688 & [6.326 & [6.668 & [6.612 & [6.563 & [7.794 & [5.678 & [6.312 & [6.633 & [7.094 & [6.666 & [5.738 & [6.287 & [6.688 & [7.053 & [6.326 & [6.668 & [6.612 & [6.563 & [6.696 & [6.716 & [6.578 & [6.277 & [7.108 & [6.663 & [7.13 & [6.632 & [7.097 & [6.687 & [7.731 & [7.710 & [5.637 & [7.212 & [6.688 & [7.013 & [6.617 & [7.317 & [7.710 & [5.637 & [7.638 & [7.131 & [7.638 & [7.212 & [6.713 & [6.632 & [7.034 & [7.131 & [7.638 & [7.212 & [6.713 & [6.632 & [7.034 & [7.131 & [7.637 & [7.317 & [7.731 & [7.730 & [5.685 & [7.038 & [7.613 & [7.131 & [7.637 & [7.317 & [7.730 & [5.637 & [7.637 & [7.313 & [7.526 & [7.738 & [7.526 & [7.738 & [7.527 & [3.637 & [7.538 & [7.414 & [7.588 & [7.212 & [7.730 & [5.722 & [7.638 & [7.613 & [7.538 & [7.614 & [7.538 & [7.614 & [7.538 & [7.614 & [7.538 & [7.637 & [7.538 & [7.637 & [7.538 & [7.637 & [7.538 & [7.637 & [7.538 & [7.637 & [7.538 & [7.637 & [7.538 & [7.637 & [7.538 & [7.637 & [7.538 & [7.647 & [7.538 & [7.637 & [7.538 & [7.637 & [7.538 & [7.637 & [7.538 & [7.637 & [7.538 & [7.637 & [7.538 & [7.637 & [7.538 & [7.637 & [7.5$	52	51.782	4.758	51.761	4.984	51.738	5.210	51.715		52
	53	52.778			5.080	52.733	5.310			53
										34
			_							56
$ \begin{array}{c} 58 & 57.757 \\ 58 & 57.2 \\ 5.399 \\ 59.748 \\ 5.490 \\ 59.748 \\ 5.490 \\ 59.744 \\ 5.490 \\ 59.744 \\ 5.490 \\ 59.744 \\ 5.490 \\ 59.744 \\ 5.490 \\ 59.744 \\ 5.490 \\ 59.744 \\ 5.490 \\ 59.744 \\ 5.490 \\ 59.744 \\ 5.490 \\ 59.744 \\ 5.490 \\ 59.744 \\ 5.490 \\ 59.744 \\ 5.490 \\ 59.744 \\ 5.490 \\ 59.744 \\ 5.490 \\ 59.744 \\ 5.490 \\ 59.744 \\ 5.490 \\ 50.711 \\ 59.490 \\ 50.668 \\ 6.111 \\ 50.666 \\ 6.3726 \\ 6.412 \\ 60.666 \\ 6.3726 \\ 6.412 \\ 60.666 \\ 6.412 \\ 60.666 \\ 6.412 \\ 60.664 \\ 6.512 \\ 60.663 \\ 6.632 \\ 6.632 \\ 6.632 \\ 6.632 \\ 6.632 \\ 6.633 \\ 6.633 \\ 6.633 \\ 6.633 \\ 6.666 \\ 6.612 \\ 6.638 \\ 6.633 \\ 7.003 \\ 6.666 \\ 6.713 \\ 6.633 \\ 6.633 \\ 7.003 \\ 6.666 \\ 6.713 \\ 6.631 \\ 6.666 \\ 6.613 \\ 6.633 \\ 7.003 \\ 6.666 \\ 6.713 \\ 6.631 \\ 6.662 \\ 6.632 \\ 6.647 \\ 7.108 \\ 6.663 \\ 7.11 \\ 6.314 \\ 68.682 \\ 6.613 \\ 6.632 \\ 6.648 \\ 7.013 \\ 6.648 \\ 7.013 \\ 6.648 \\ 7.013 \\ 6.648 \\ 7.013 \\ 6.648 \\ 7.013 \\ 6.617 \\ 7.108 \\ 6.663 \\ 7.11 \\ 6.314 \\ 68.682 \\ 6.613 \\ 6.696 \\ 7.11 \\ 6.314 \\ 68.682 \\ 6.613 \\ 6.697 \\ 7.168 \\ 7.668 \\ 7.063 \\ 7.063 \\ 7.063 \\ 7.169 \\ 6.967 \\ 7.169 \\ 6.967 \\ 7.169 \\ 6.967 \\ 7.169 \\ 6.967 \\ 7.169 \\ 7.669 \\ 7.297 \\ 7.669 \\ 7.708 \\ 7.169 \\ 7.160 \\ 7.14 \\ 7.568 \\ 7.169 \\ 7.160 \\ 7.14 \\ 7.568 \\ 7.169 \\ 7.160 \\ 7.14 \\ 7.568 \\ 7.160 \\ 7.14 \\ 7.568 \\ 7.160 \\ 7.14 \\ 7.568 \\ 7.573 \\ 7.137 \\ 7.667 \\ 7.168 \\ 7.569 \\ 7.18 \\ 7.463 \\ 7.569 \\ 7.18 \\ 7.160 \\ 7.14 \\ 7.578 \\ 8.169 \\ 7.573 \\ 8.159 \\ 7.573 \\ 8.159 \\ 7.573 \\ 8.159 \\ 7.573 \\ 8.159 \\ 7.573 \\ 8.159 \\ 7.573 \\ 8.159 \\ 7.573 \\ 8.159 \\ 7.573 \\ 8.159 \\ 7.573 \\ 8.159 \\ 7.573 \\ 8.159 \\ 7.573 \\ 8.159 \\ 7.573 \\ 8.159 \\ 7.579 \\ 8.168 \\ 7.579 \\ 8.168 \\ 8.258 \\ 8.16 \\ 8.569 \\ 8.168 \\ 8.258 \\ 8.16 \\ 8.569 \\ 8.168 \\ 8.16 \\ 8.569 \\ 8.168 \\ 8.159 \\ 8.159 \\ 8.579 \\ 8.168 \\ 8.159 \\ 8.158 \\ 8.158 \\ 8.158 \\ 8.158 \\ 8.158 \\ 8.158 \\ 8.158 \\ 8.158 \\ 8.158 \\ 8.158 \\ 8.158 \\ 8.158 \\ 8.1$	50	55.705			5.462	\$6.712				57
	57	57.757		57.733	5.550	\$7.708				58
	59	58.752		58.728	5.655	58.703	5.911	58.677		59
				59.724	5.751	59.098	6.011	59.671		60
$\begin{array}{c} 6_3 \left(5_2, 7_3 6 \right) 5_2, 7_{10} \left(5_1, 3_4 \right) 6_3, 6_3 \left(5_1, 3_1 \right) 6_2, 6_5 5_1 \left(5_1, 6_2, 6_5 \right) 5_1, 6_1, 6_1, 6_1, 6_1, 6_1, 6_1, 6_1, 6$	61	60.744			5.847	60 .693				61
			5.673	61.715	5.942	61.688				62
$\begin{array}{c} 6_{5} \left[6_{4}.727 & 5.948 & 6_{4}.701 & 6.230 & 6_{4}.673 & 6.512 & 6_{4}.644 & 6.794 & 0 \\ \hline 66 & 6_{5}.723 & 6.039 & 0_{5}.666 & 6.326 & 6_{5}.668 & 6.612 & 6_{5}.638 & 6.899 & 6 \\ \hline 67 & 60.719 & 6.131 & 66.692 & 6.422 & 66.663 & 6.713 & 66.633 & 7.003 & 6 \\ \hline 86 & 67.719 & 6.232 & 67.687 & 6.518 & 67.658 & 6.813 & 67.627 & 7.108 & 6 \\ \hline 96 & 8.711 & 6.314 & 68.682 & 6.613 & 68.653 & 6.913 & 68.622 & 7.212 & 0 \\ \hline 70 & 69.706 & 6.405 & 50.678 & 6.709 & 69.648 & 7.013 & 69.617 & 7.317 & 7 \\ \hline 71 & 70.702 & 6.497 & 70.673 & 6.805 & 70.643 & 7.113 & 70.611 & 7.422 & 7 \\ \hline 72 & 71.698 & 6.588 & 71.669 & 6.997 & 72.633 & 7.214 & 71.606 & 7.626 & 7 \\ \hline 73 & 72.694 & 6.686 & 72.664 & 6.997 & 72.633 & 7.314 & 72.600 & 7.631 & 7 \\ \hline 74 & 73.690 & 6.771 & 73.659 & 7.038 & 7.614 & 7.514 & 74.589 & 7.849 & 7 \\ \hline 76 & 75.681 & 6.954 & 72.650 & 7.284 & 75.618 & 7.614 & 75.584 & 7.944 & 7 \\ \hline 77 & 70.677 & 7.046 & 76.646 & 7.380 & 7.613 & 7.714 & 76.578 & 8.049 & 7 \\ \hline 78 & 77.677 & 7.046 & 76.627 & 7.764 & 80.592 & 8.015 & 7.915 & 78.557 & 8.153 & 7 \\ \hline 79 & 78.660 & 7.412 & 80.627 & 7.7648 & 80.592 & 8.115 & 80.556 & 8.467 & 8 \\ 81 & 80.660 & 7.412 & 80.627 & 7.7648 & 80.592 & 8.115 & 80.568 & 8.467 & 8 \\ 82 & 81.656 & 7.603 & 81.622 & 7.859 & 81.587 & 8.216 & 81.551 & 8.571 & 8.78 \\ 83 & 82.652 & 7.996 & 82.663 & 8.051 & 83.577 & 8.416 & 83.540 & 8.780 & 8 \\ 84 & 83.648 & 7.686 & 83.613 & 8.051 & 83.577 & 8.416 & 83.540 & 8.780 & 8 \\ 85 & 639 & 7.869 & 82.664 & 8.243 & 8.5767 & 8.616 & 85.529 & 8.989 & 8 \\ 87 & 86.637 & 7.901 & 86.998 & 8.366 & 8.253 & 8.917 & 88.512 & 9.303 & 8 \\ 98 & 8.627 & 8.144 & 88.590 & 8.580 & 8.552 & 8.917 & 88.512 & 9.303 & 8 \\ 99 & 89.622 & 8.323 & 8.958 & 8.366 & 8.547 & 9.917 & 89.507 & 9.408 & 9 \\ 91 & 90.618 & 8.327 & 90.581 & 8.727 & 90.542 & 9.117 & 90.502 & 9.512 & 9 \\ 99 & 91.614 & 8.418 & 91.576 & 8.189 & 91.57 & 9.618 & 92.474 & 10.035 & 9 \\ 99 & 91.618 & 8.976 & 95.58 & 9.201 & 93.517 & 9.648 & 9.486 & 9.930 & 9 \\ 99 & 96.587 & 8.769 & 95.58 & 9.201 & 95.517 & 9.618 & 9.448$			5.705	02.710	0.038	62 678				
$ \begin{array}{c} 6665.723 & 6.035 & 65.696 & 6.326 & 65.668 & 6.612 & 65.638 & 6.899 & 6 \\ 6766.719 & 6.131 & 66.692 & 6.422 & 66.663 & 6.713 & 66.633 & 7.003 & 6 \\ 6867.715 & 6.222 & 67.687 & 6.518 & 67.658 & 6.813 & 67.627 & 7.108 & 6 \\ 6968.711 & 6.314 & 68.682 & 6.613 & 68.653 & 6.913 & 68.622 & 7.212 & 6 \\ 7069.706 & 6.405 & 69.678 & 6.709 & 69.648 & 7.013 & 69.617 & 7.317 & 7 \\ 7170.702 & 6.497 & 70.673 & 6.805 & 70.643 & 7.113 & 70.611 & 7.422 & 7 \\ 7271.698 & 6.588 & 71.669 & 6.907 & 70.643 & 7.113 & 70.611 & 7.422 & 7 \\ 7372.694 & 6.6862 & 72.664 & 6.997 & 72.633 & 7.414 & 73.595 & 7.354 & 7 \\ 7473.690 & 6.771 & 73.659 & 7.038 & 74.44 & 73.595 & 7.354 & 7 \\ 7574.685 & 6.863 & 74.655 & 7.188 & 74.623 & 7.414 & 73.595 & 7.354 & 7 \\ 7675.681 & 6.954 & 75.660 & 7.284 & 75.618 & 7.614 & 75.584 & 7.944 & 7 \\ 7776.677 & 7.046 & 76.646 & 7.380 & 76.613 & 7.714 & 76.578 & 8.049 & 7 \\ 7877.673 & 7.137 & 77.641 & 7.476 & 77.608 & 7.815 & 77.573 & 8.153 & 7 \\ 79.664 & 7.320 & 79.632 & 7.668 & 7.957 & 8.155 & 7.573 & 8.153 & 7 \\ 79.664 & 7.320 & 79.632 & 7.668 & 7.957 & 8.158 & 8.556 & 8.467 & 8 \\ 8483.648 & 7.686 & 83.613 & 8.057 & 8.577 & 8.416 & 83.540 & 8.885 & 8 \\ 8486.630 & 7.423 & 80.677 & 7.764 & 80.592 & 8.115 & 80.556 & 8.467 & 8 \\ 8483.648 & 7.686 & 83.613 & 8.057 & 8.578 & 8.115 & 8.571 & 8 \\ 84885.630 & 7.869 & 8.530 & 8.147 & 8.576 & 8.516 & 8.554 & 8.780 & 8 \\ 85887.631 & 8.052 & 8.758 & 8.376 & 8.516 & 8.554 & 8.888 & 8 \\ 8685.630 & 7.869 & 8.530 & 8.578 & 8.116 & 8.554 & 8.888 & 8 \\ 8685.630 & 7.869 & 8.569 & 8.339 & 86.552 & 8.316 & 8.554 & 8.888 & 8 \\ 8685.630 & 7.869 & 8.530 & 8.578 & 8.216 & 8.554 & 8.889 & 8 \\ 8786.633 & 7.869 & 8.560 & 8.547 & 9.017 & 89.507 & 9.408 & 9 \\ 9190.618 & 8.327 & 90.581 & 8.722 & 90.542 & 9.117 & 90.502 & 9.512 & 9 \\ 9392.610 & 8.619 & 92.572 & 8.914 & 92.532 & 9.317 & 92.491 & 9.721 & 9.\\ 9493.606 & 8.601 & 93.567 & 9.400 & 93.547 & 9.178 & 93.648 & 9.930 & 9 \\ 9595.80 & 9.150 & 92.573 & 9.201 & 95.517 & 9.618 & 95.474 & 10.035 & 9 \\ 9796.593 & 8.876 & 95.53 & 9.201 & 95.5$			5.048	64.701		64.679				65
$ \begin{array}{c} 67 66, 719 & 6.131 & 66.632 & 6.422 & 66.633 & 6.713 & 66.633 & 7.903 & 6 \\ 68 & 67.715 & 6.222 & 67.687 & 6.518 & 67.658 & 6.813 & 67.627 & 7.108 & 6 \\ 69 & 68 & 711 & 6.314 & 68.682 & 6.673 & 6.805 & 70.633 & 6.901 & 7.317 & 7.317 & 7.717 & 7.700 & 6.497 & 70.673 & 6.805 & 70.643 & 7.113 & 70.611 & 7.422 & 7.217 & 7.698 & 6.888 & 71.669 & 6.901 & 71.638 & 7.214 & 71.606 & 7.526 & 7.373 & 7.372 & 6.947 & 70.673 & 6.805 & 70.643 & 7.113 & 70.611 & 7.422 & 7.737 & 7.698 & 6.868 & 71.669 & 6.907 & 72.633 & 7.314 & 72.600 & 7.631 & 7.737 & 7.737 & 7.698 & 6.771 & 73.659 & 2.093 & 73.628 & 7.414 & 73.596 & 7.735 & 7.757 & 7.663 & 6.865 & 74.655 & 7.188 & 7.4623 & 7.514 & 74.569 & 7.844 & 7.756 & 7.757 & 7.663 & 7.568 & 7.944 & 7.756 & 7.757 & 7.663 & 7.563 & 7.244 & 7.568 & 7.944 & 7.756 & 7.7673 & 7.137 & 77.641 & 7.476 & 77.603 & 7.815 & 77.573 & 8.153 & 7.757 & 7.663 & 7.512 & 78.669 & 7.229 & 78.636 & 7.572 & 78.603 & 7.915 & 78.567 & 8.298 & 7.8669 & 7.229 & 78.636 & 7.572 & 78.603 & 7.915 & 78.567 & 8.298 & 7.8669 & 7.922 & 78.663 & 7.9572 & 78.663 & 7.915 & 78.567 & 8.298 & 7.8669 & 7.412 & 80.627 & 7.764 & 80.592 & 8.115 & 80.556 & 8.467 & 8.88 & 8.8666 & 7.412 & 80.627 & 7.764 & 80.592 & 8.115 & 80.556 & 8.467 & 8.88 & 8.8665 & 7.598 & 8.163 & 8.059 & 8.137 & 8.578 & 8.215 & 8.556 & 8.267 & 8.88 & 8.8665 & 7.598 & 8.268 & 8.578 & 8.215 & 8.556 & 8.267 & 8.88 & 8.86 & 8.656 & 7.668 & 8.147 & 8.457 & 8.516 & 8.554 & 8.760 & 8.88 & 8.88 & 8.86 & 8.627 & 8.819 & 8.578 & 8.216 & 8.554 & 8.760 & 8.819 & 8.398 & 8.553 & 8.917 & 88.512 & 9.303 & 8.989 & 8.88 & 7.631 & 8.052 & 8.759 & 8.339 & 86.562 & 8.716 & 86.529 & 8.989 & 8.88 & 8.656 & 7.572 & 9.580 & 8.579 & 8.816 & 8.557 & 9.516 & 8.5529 & 9.919 & 8.88 & 8.656 & 8.547 & 9.418 & 9.576 & 8.616 & 8.552 & 9.518 & 9.478 & 9.930 & 9.993 & 8.9656 & 8.516 & 8.557 & 9.516 & 8.557 & 9.488 & 9.930 & 9.993 & 8.8667 & 8.8697 & 8.638 & 9.577 & 8.817 & 8.516 & 8.559 & 9.599 & 8.368 & 5.578 & 8.917 & 8.507 & 9.488 & 9.930 & 9.993 & 9.557 & 9.448 & 9.930 & 9.993 & 9.$			the second s							66
$\begin{array}{c} 68 \ 67.715 \\ 6.222 \\ 6.687 \\ 6.211 \\ 6.314 \\ 68.682 \\ 6.613 \\ 68.653 \\ 6.913 \\ 68.622 \\ 7.212 \\ 6.976 \\ 6.405 \\ 6.967 \\ 6.405 \\ 6.967 \\ 6.405 \\ 6.967 \\ 6.405 \\ 6.967 \\ 6.405 \\ 6.967 \\ 6.405 \\ 6.967 \\ 6.405 \\ 6.967 \\ 6.405 \\ 6.967 \\ 6.405 \\ 6.967 \\ 6.405 \\ 6.967 \\ 6.405 \\ 6.967 \\ 6.405 \\ 6.967 \\ 6.405 \\ 6.967 \\ 6.405 \\ 6.967 \\ 6.405 \\ 7.113 \\ 7.013 \\ 7.0113 \\ 7.0113 \\ 7.011 \\ 7.422 \\ 7.214 \\ 7.1698 \\ 6.588 \\ 7.1698 \\ 7.2414 \\ 7.1698 \\ 7.214 \\ 7.1698 \\ 7.214 \\ 7.1698 \\ 7.214 \\ 7.1698 \\ 7.214 \\ 7.1698 \\ 7.214 \\ 7.1698 \\ 7.214 \\ 7.1698 \\ 7.214 \\ 7.1698 \\ 7.214 \\ 7.1698 \\ 7.214 \\ 7.1698 \\ 7.214 \\ 7.1698 \\ 7.214 \\ 7.1698 \\ 7.214 \\ 7.1698 \\ 7.214 \\ 7.1698 \\ 7.214 \\ 7.1698 \\ 7.214 \\ 7.269 \\ 7.214 \\ 7.2595 \\ 7.214 \\ 7.2595 \\ 7.214 \\ 7.2595 \\ 7.214 \\ 7.2595 \\ 7.214 \\ 7.2595 \\ 7.214 \\ 7.2595 \\ 7.214 \\ 7.258 \\ 7.218 \\ 7.21$										67
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	68	67.715	6.222	67.687	6.518	67.658	6.813	67.627		68
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$							6.913	68.622		6.9
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$			the second se	-				_		70
$\begin{array}{cccccccccccccccccccccccccccccccccccc$			6.497	70.673						71
$\begin{array}{c c c c c c c c c c c c c c c c c c c $			6.680	71.009						73
$\begin{array}{c c c c c c c c c c c c c c c c c c c $			6.771	73.650	7.003					74
$\begin{array}{cccccccccccccccccccccccccccccccccccc$			6.863	74.655	7.188					75
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	76	75.681	6.954	75.650	7.284	75.618	7.614	75.584	7.944	76
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	77	76.677	7.046	76.646	7.380		7.714	76.578	8.049	77
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	78	77.673	7.137	77.641	7.476		7.815	77.573		'78 70
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$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	82	81.6.6	7.502	81.622		81.587	8.216	81.501		82
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	83	82.652	7.595	82.618	7.955	82.582	8.316	82.545	8.676	83
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	84	83.648	7.686		8.051					84
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	85	84.643			8.147	Contraction in the local division in the loc				85
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$			7.869	85.604	8.243	85.767				86
$\begin{array}{c c c c c c c c c c c c c c c c c c c $			7.901	80.599	8.339	80.562	8.716			87 88
$\begin{array}{c c c c c c c c c c c c c c c c c c c $			8.144	88.500	8.290	88.557	8.017			89
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$			8.235	89.586	8.626	89.547	9.017			90
92 91.614 8.418 91.576 8.818 91.537 9.217 91.496 9.617 9 93 92.610 8.510 92.572 8.914 92.532 9.317 92.491 9.721 9. 94 93.606 8.601 93.567 9.010 93.527 9.418 93.485 9.826 9. 95 94.601 8.693 94.563 9.105 94.522 9.518 94.480 9.930 9. 96 95.597 8.784 95.558 9.201 95.517 9.618 95.474 10.035 9. 97 96.593 8.876 96.553 9.207 95.512 9.718 96.469 10.139 9. 98 97.589 8.967 97.549 9.393 97.507 9.818 97.463 10.244 9. 99 98.585 9.059 98.544 9.489 98.502 9.919 98.458 10.348 9. 100 99.880 9.150 99.540 9.588 9.497 10.019 99.452 10.453 10. 7. W. S. E. W. V. S. E. W. V. S. E. W. N. S.	<u> </u>					_		_	_	91
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$			8.418	91.576						92
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	93	92.610	8.510	92.572	8.914	92.532				93
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$.94	93.606								94
$\begin{array}{cccccccccccccccccccccccccccccccccccc$			the second s							95
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$			8.784	95.558						96
9998.585 9.059 98.544 9.489 98.502 9.919 98.458 10.348 99 100 99.580 9.150 99.540 9.585 99.497 10.019 99.452 10.453 10			0.070 8.067	90.553						97 98
$\frac{100'99.580}{5} 9.150'99.540' 9.585'99.497' 10.019'99.452' 10.453' 10.019'99.452' 10.453' 10.019'99.452' 10.453' 10.019'99.452' 10.019'99.453' 10.019'99'99'99'99'99'99'99'99'99'99'99'99'9$							9.910	98.458	10.348	99
E. W.N. S.E. W.N. S.E. W.N. S.E. W.N. S.										100
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$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	5	4.970	0.544	4.968	0.566	4.965	0.588			Ś
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	6			5.961	0.679	5.958	.0.705	5.955	0.731	
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $						6.951		6.948	0.853	
$\begin{array}{c c c c c c c c c c c c c c c c c c c $				7.949	0.906				0.975	8
$\begin{array}{c c c c c c c c c c c c c c c c c c c $		0.940						8.933		9
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	+						1.175	9.925	1.219	10
$\begin{array}{c c c c c c c c c c c c c c c c c c c $					1.245				1.341	11
$\begin{array}{c c c c c c c c c c c c c c c c c c c $							1.410	11.911		12
$\begin{array}{c c c c c c c c c c c c c c c c c c c $							1.528	12.903		13
$\begin{array}{c c c c c c c c c c c c c c c c c c c $			1.622							
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	-					<u> </u>			1.828	
$\begin{array}{c c c c c c c c c c c c c c c c c c c $		16.800	1.742	16 80						16
$\begin{array}{c c c c c c c c c c c c c c c c c c c $										17
$\begin{array}{c c c c c c c c c c c c c c c c c c c $		1 6 65								
$\begin{array}{c c c c c c c c c c c c c c c c c c c $					2.264					
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	_	the second se			_		_		the second se	
$\begin{array}{c c c c c c c c c c c c c c c c c c c $								20.843	2.559	
$\begin{array}{c c c c c c c c c c c c c c c c c c c $							2.702	22.820		
$\begin{array}{c c c c c c c c c c c c c c c c c c c $					2.717		2.821	23.821		
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	25	24.851	2.792	24.839						
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	26	25.845	2.831	25.833	2.943	25.820		1		_
$\begin{array}{c c c c c c c c c c c c c c c c c c c $			2.939					26.700		
$\begin{array}{c c c c c c c c c c c c c c c c c c c $						27.806	3.291	27.791		28
$\begin{array}{c c c c c c c c c c c c c c c c c c c $							3.409	28.784		29
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$			3.266	2 9.8 07	3.396	29.792	3.526	29.776		30
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$			3.375				3.644	30.769	3.778	31
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	32	31.810					3.761	31.761		32
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$					3.736	32.771	3.879	32.754	4.022	33
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$					3.849		3.990	33.747		34
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	the second second	_					4.114	34.739		35
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$					4.075	35.750			4.387	36
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$										37
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	20	38.768					4.400	37.717		
$\begin{array}{c} 41 & 40.756 & 4.464 & 40.736 & 4.641 & 40.716 & 4.819 & 40.694 & 4.997 & 41.4241.750 & 4.572 & 41.730 & 4.755 & 41.709 & 4.937 & 41.687 & 5.119 & 42.4342.744 & 4.681 & 12.724 & 4.868 & 12.702 & 5.054 & 42.679 & 5.240 & 43.443.738 & 4.790 & 43.717 & 4.981 & 43.695 & 5.172 & 43.672 & 5.362 & 44.544.733 & 4.899 & 44.711 & 5.094 & 44.688 & 5.289 & 44.665 & 5.484 & 45.4647.737 & 5.068 & 45.5207 & 45.681 & 5.407 & 45.657 & 5.666 & 47.467 & 5.524 & 46.657 & 5.666 & 47.467 & 5.524 & 46.657 & 5.566 & 49.47.667 & 5.524 & 46.657 & 5.666 & 47.467 & 5.524 & 46.657 & 5.666 & 49.471 & 5.524 & 47.667 & 5.524 & 46.657 & 5.666 & 49.471 & 5.642 & 5.850 & 48 & 49.471 & 5.226 & 47.691 & 5.434 & 47.667 & 5.612 & 47.642 & 5.850 & 48 & 49.48.799 & 5.334 & 48.685 & 5.547 & 48.666 & 5.759 & 48.633 & 5.972 & 49.673 & 5.484 & 49.679 & 5.666 & 9.653 & 5.877 & 49.633 & 5.972 & 49.673 & 5.484 & 49.679 & 5.666 & 9.653 & 5.877 & 49.633 & 5.972 & 49.573 & 5.484 & 49.679 & 5.666 & 9.653 & 5.877 & 49.633 & 5.972 & 49.573 & 5.484 & 49.679 & 5.666 & 9.653 & 5.877 & 49.633 & 5.972 & 49.573 & 5.484 & 49.679 & 5.666 & 9.653 & 5.877 & 49.633 & 5.972 & 49.573 & 5.484 & 49.679 & 5.666 & 9.653 & 5.877 & 49.633 & 5.972 & 49.573 & 5.484 & 49.679 & 5.666 & 9.653 & 5.877 & 49.633 & 5.972 & 49.573 & 5.484 & 49.679 & 5.666 & 9.653 & 5.877 & 49.653 & 5.972 & 49.573 & 5.484 & 49.679 & 5.666 & 9.653 & 5.877 & 49.653 & 5.972 & 49.573 & 5.484 & 49.679 & 5.666 & 9.653 & 5.877 & 49.653 & 5.972 & 49.573 & 5.484 & 49.679 & 5.666 & 9.653 & 5.877 & 49.653 & 5.972 & 49.573 & 5.484 & 5.686 & 5.759 & 48.686 & 5.759 & 48.685 & 5.972 & 49.573 & 5.484 & 49.679 & 5.666 & 9.653 & 5.877 & 49.653 & 5.972 & 49.573 & 5.484 & 49.679 & 5.666 & 9.653 & 5.877 & 49.653 & 5.972 & 49.573 & 5.484 & 5.686 & 5.759 & 48.686 & 5.759 & 48.686 & 5.759 & 48.686 & 5.759 & 48.686 & 5.759 & 48.686 & 5.759 & 48.686 & 5.759 & 48.686 & 5.759 & 48.686 & 5.759 & 48.686 & 5.759 & 48.686 & 5.759 & 48.686 & 5.759 & 48.686 & 5.759 & 48.686 & 5.759 & 48.686 & 5.759 & 48.686 & 5.759 & 48.686 & 5.759 & 5.4$	39	39.762			4.528		4.504	30.709		
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$			_							
$\begin{array}{cccccccccccccccccccccccccccccccccccc$							4.819	40.094		
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$					4.868					
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$						43.600	5.172	12.672		
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$					5.094	44.688	5.280			
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$								1		_
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$				46.698	5.321					
$\begin{array}{cccccccccccccccccccccccccccccccccccc$										
$ \begin{array}{c} 50 & 49.703 \\ \hline 5.49.703 \\ \hline 5.49.70$			5.334	48.685	5.547	48.660	5.759	48.635		49
U E. W.N. S. E. W.N. S. E. W.N. S. U 45 Min. 30 Min. 15 Min. 0 Min.	50									50
45 Min. 30 Min. 15 Min. 0 Min. 9 83 Degrees. 8	5				N. S.	E. W.	N. S.			
83 Degrees.	ĬĀ.					15	Min.	0		ы
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	6 Degrees. 7 Degrees.														
Dift.	15	Min.	30 1		45 N			lin.							
₽.	N. S.	E. W.	N. S.	E. W.		E. W.		E. W.	Dift.						
61	50.697	5.552	50.672	5.773	50.646	5.994	50.620	6.215							
52	51.691	5.661	51.666	5.887	51.640	6.112	51.612	6.337	51						
53	52.685	5.770	52.659	6.000	52.633	0.229	52.605	6.459	52						
54	53.679	5.879	53.653	6.113	53.626	0.347	\$3.507	6.581	53 54						
55	54.673	5.988	54-946		54.619	6.465	54.590	6.703	55						
56	55.667	6.097	55.640	6.339	55.612	6.582	55-583	6.825	56						
57	56.661		56 634	6.453	56.605	0.700	\$6.575	6.947	57						
58	\$7.655	6.314	57.627		57-598	6.817	57.568	7.068	58						
	58.649	6.423	58.621 59.614		58.591		58.560		59						
_	59.643	6.532			59.584	7.052		7.312	60						
	60.637	6.641	60.608	6.905	6 0.577	7.170	60.545	7.434	61						
	61.631 62.626	6.750 6.859	61.601 62.595	7.019	61.570 62.563	7.287	61.538	7.550	62						
64	63.620	6.967	63.589	7.245	63.556	7.405	62.530 63.523	7.678	63						
	64.614	7.076	64.588	7.358	64.549	7.640	64.516	7.922	1						
	65.608	7.185	65.576	7.471	65.543		65.508	8.043	65						
	66.602	7.204	66.569	7.585	66.536	7.875	66.501	8.165	66						
	67.596	7.403	67.563	7.698	67.529	7.903	67.402	8.287	67 68						
	68.590	7.512	68.556	7.811	68.522	8.110	68.486	8.400	69						
_70	69.584	7.621	69.550	7.924	69.515	8.228	69.478	8.531	70						
71	70.578	7.730	70.544	8.037	7.0.508		70.4 1	8.653	71						
72	71.572		71.537	8.151		8.463	71.463	8.775	72						
	72.566	7.947	72.531		72.494	8.580	72.456	8.806	73						
	73-560		73.524		73.487	8.698	73.448		74						
_	74.554		74.518		74.480		74.441	9.140	75						
	75.548	8.274	75.511	8.603			75.434	9.262	76						
77	76.542	8.383	76.505 77•499	8.717	76.466 77.459			9.384	77						
70	78.530	8 600	78.499	8 0.030	78.452		77.419								
80	79.525		79.486	0.056	79.445		78.411 79.404	9.628	79						
81	80.519	8 8 . 8	80.479	0 160	80.439		80.396		80						
82	81.513	8.027	81.473	0.282	81.432	9.521	81.389	9.871	81						
83	82.507	9.036	82.466	9.205	82.425		82 381	9.993	82						
84	83.501	9.145	83.460	9.509	83.418	9.873	83.374	10.237	83 84						
85	84.495		84.454	9.622	84.411	9.991	84.366	10.359	85						
86	585.489	9.363	85.447	9.735	85.404	10.108	85.350	10.481	86						
87	86.483	9.471	85.447 86.441	9.849	86.397	10.226	86.252	10.602	87						
1 88	87.477	1 9.580	87.424	9.962	87.390	10.343	\$7.344	10.724	88						
09	88.471		88 428	10.075	88.383	10.461	88.337	10.846	89						
	89.465		89.421	10.188	\$9.376	10.578	89.329	10.968	90						
	90.459	9.907	90.415	10.301	90.369	10.696	90.322	11.090	91						
92	91.453	10.016	91.409	10.415	91.362	10.813	91.314	11.212	92						
04	93.441	10,227	92.402 93.396	10.528	94.355	10.931	92.307	11.334	93						
1 9	94.435	10.342	93.390 94.389	10.754	94.742	11.166	94.202	11.278	94						
		10.441	95.383	10.868	95.220	11	06 19	1. 60	95						
1 97	190.422	110.000	100.27h	10.081	100.22X	11 401	06 277	1 8	96						
1 98	97.418	10.669	97.370	11.094	97.321	11.510	97.270	11.043	97 98						
1 22	190.414	10.//0	NO. 101	11.207	190.314	11.020	00.202	12 000	00						
100	199.400	10.887	99.357	11.320	99.307	11.754	99.255	12.187	100						
6	E. W.	N. S.	E. W.	N. S.	E. W.		E. W.								
₽	45	Min.	301	Min.	1 15 M	Ain.	ON	Ain.	Dift.						
Ľ				83 D	egrees.	• ~•									

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-			7 1	Degrees.		<u></u>	8 D	egrees.	Ì I
0		Min.		Min.	45	Min.		Ain.	9
Dift.	15 N. S.	E. W.	N. S.	E. W.	N. S.	E. W.	N. S,	E. W.	Dia.
i I	0.992	0.126	0.991	0.131	0.991	0.135	0.990 1.981	0.139	1
2		0.252	1.983 2.974	0.261 0.392	1.982 2.973	0.270 0.405	1.971	0.418	2 3
3		0.379 0.505	3.966	0.522	3.963	0.539	3.961	0.557	
63	· · · · ·	0.631	4.957	0.653	4.954	0. 074	4.951	0.696	5
, 6		0.757	5.949	0.783		0.809	5.942	0.835	4.90.00
R 7 8		. 0.883	6.940	.0.914		0.944 1.079	6.932 7.922	0.974 1.113	3
Г.		1.010 1.136	7.932 8.923	1.044 1.175	7.927 8.918	1.214	8.912	1.253	å
6 5 1 10		1.262	9.914	1.305	9.909	1.349	9.903	1.392	9 10
	10.912	1.388	10.906		10,900	1.483	10.893	1.531	11
12	11.904	1:514	11.897		11.890	1.618	11.883 12.873	1.670 : 1.809	12
13	12.896	1.641 1.767	12.889 13.880		12.881 13.872	1.753 1.888	13.864		13 14
14	13.888 14.880	1.893	14.872	1.958	14.863	2.023	14.854	2.088	15
	15.872	2.019	15.863	2.088	15.854	2.158	15.844	2.227	16
1 17	16.864	2.145	16.855	2.219	16.845	2.292	16.835	2.366	
	17.856	2.272	17.846	2.349	17.836 18.826	2.427 2.562	17.825 18.815	2.505 2.644	18
	18.848 19.840	2.398 2.524	18.837 19.829		19.817	2.697	19.805	2.783	19 20
·	20.832	2.650	20.820		20.808	2.832	20.796	2.923	21
	21.824		21.812	2.872	21.799	2.967	21.786	3.062	22
	22.816				22.790		22.776 23.766	3.201 3.340	23
7 24		3.029	23.795 24.786	3.133 3.263	23.781 24.772	3.236 3.371	24.757	3.479	24 25
	24.800		25.778		25.763	13.506	25.747	3.618	26
	25.792 26.784	3.407	26.760	3.524	26.753	3.641	26.737	3.758	27
	27.776	3.534	27.760	3.655	27.744	3.776	27.728	3.897	28
	28.768	3.660	28.752		28.735 29.726	3.911 4.046	28.718 29.708	4.036	29 30
30			29.743		30.717		30.698	4.314	31
	30.752 31.744		30.735 31.726		31.708	4.315	31.689	4.454	32
	32.736		32.718	4.307	32.694	4.4.50	32.079	4-593	33
	33.728		33.709	4.438	33.689	4.583	33.669 34.659	4.732 4.871	34
-	34.720		34.701		34.680	4.720	35.650	5.010	35
	35.712	4.543	35.692 36.683	4.820	35.671 36.662	4.980	30,040	5.149	36 37
	37.696	4.796	37.675	4.900	37.253	5.124	37.030	5.289	38
339	38.688	4.922	38.666		38.644	5:259	38.620 39.611	5.428 5.567	.39
	39.680		39.658		39.635	5.394	40.601	5.706	40
41	40.672	5.174	40.649 41.641	5.352	40,626 41.616	5.529	41.591	5.845	-41 42
	41.664 42.656				42.607	5.799	42.582	5.984	43
144	43.648	5.553	43.624	5.743	43.598	5.933	43.572	6.124 6.263	44
45	44.640	5.679	44.615	5.874	44.589		44.552		45
46	113 3-		45.606	6.004	45.580 46.571	6.203 6.338	45.552 46.543	6.402 6.541	46 47
47	46.624	5.931 6.058	46.598 47.589	6.135 6.265	40.5/1	6.473	47 533	6.680	48
	48.608	6. 184	48.581	6.396	48.552	6.608	48.523	6,819	49
.50	49.600	6.310	49.572	6.526	49.543	6.743	49 5'3	6.959	50
H		N. S.	E. W.			N. S.	E. 14	N. , S.	Din.
Diff.	45	Min.	30	Min.	15	Mio.	0	lin.	₹
Ľ.	-			. 82 De	egrees.				

-	a ship for a start of	Yer	7 D	egrees.			8 D	egrees.		
U	15	Min.	301	Min.	45	Min.	. 01	Min.	Dift	
P.	N. S.	E. W.		E. W.	N. S.	E. W.	N. S.	E. W.		
-	50.592	6.430	50.564	6.657	50.534	6.877	50.504	7.098	51	
52	51.584	6.562	51.555	6.787	51.525		51.494		52	
	52.576	6.689	52.547	6.918	52.516		52.484	7.376	53	
54	53.568	6.815	53.538		53.507		53-474	7.515	54	
55	54.560	6.941	54.529	7.179			54.465	7.655	55	
56	55.552	7.067	55.521	7.309	55.488	7.552	55.455 56.445	7.794	56	
	56.544		56.512		56.479 57.47°		57.436	8.072	57	
58	57.536 58.528	7.446	57.5°4 58.495	7.701	58.461	7.956	58.426	8.211	59	
60	59.52C	7.572			59.452		59.416	8.350	60	
	60.512	7.698			60.443	8.226	60.406	8.490	61	
	61.504			8.002	61.434		61.397	8.629	62	
63	62.496	7.951	61.470 52.461	8.223	62.425		62.387	8.768	63	
	63.488	8.077	63.452	8.354	63.415 64.40f	8.76-	63.377 64.367	8.907	64 65	
-	64.480		64.444	8.484			65.358	9.185	66	
66	65.472	8.329	65.435	8.615	65-397 66.388	0.025	56.248	9.325	67	
	66.464	8.682	66.427 67.418	8.876	67.379	9.170	56.34 8 57.338	9.464	68	
	07.456 68.448	8.708		9.006	68.370	9.305	08.328	9.603	69	
	69.440	8.834	69.401	9.137	59.361		59.319	9.742	70	
71	70.432	8.960	70.393	9.267	70.351	9.574	70.309	9.881	71	
	71.424	9.086	71.384	9.398	71.342	9.709	71.299		72	
	72.416	9.213	72.375	9.528	72.333	9.844	72.29c 73.28c	10.160	73 74	
	73.408		73-367 74-358	9.659 9.789	74.315	10.114	74.270	10.438	75	
and an other	74.400	9.465			75.206	10.240	75.260		76	
	75.392 76.384	9.591	75.350 76.341		76.297	10.384	76.251	10.716	77	
	77.376	9.844	77.333	10.181	77.288	10.518	77.241 78.231	10.855	78	
	78.368	9.970	78.324	10.312	78.278	10.653	78.231	10.995	79	
80	79.360	10.096	79.316			10.788		11.134	80	
81	80.352	10.222	80.307	10.573	80.200		80.212 81.202	11.273	81	
	81.344	10.348	81.298 82.290	10.703	82.242	11.193	82.192	11.551	83	
	82.336	10.475	82.281	10.034	83.233	11.327	83.183	11.691	84	
	84.320	10.727	83.281 84.273	11.095	84.224	11.462	84.173	11.830	85	
06	80 212	10 8:2	85.264	11.225	85.214	11.597	85.163		86	
87	86.304	10.979	86.256	11.356	86.205	11.732	86.153		87	
88	87.296	11.106	86.256 87.247	11.486			87.144		88	
8e	88.288	11.232	88.239	11.017		12.002	88.134 89.124	12.526	89 90	
90	89.280	11.358	89.230					12.665	91	
91	90.272	11.484	90.221	11,878		12.271 12.406		12.804	92	
92	91.204	11.010	91.213 92.204	12.120	92.151	12.541	92.095	12.943	93	
04	03.248	11.802	93.190	12.200	93.141	12.676	93.085	13.082	94	
95	94.240	11.989	94.187	12.400	94.132	12.811	94.075	13.221	95	
06	05.222	12.115	95.179	12.530	95.123	12.946		13.361	96	
97	96.224	12.241	96.170 97.162	12.611	96.114	13.081	96.056	13.500	97 98	
		12.368	97.162	12.792	97.105		97.046 98.037		99	
99	98.208	12.494	98.153	12.922	99.087			13.917	100	
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	01		8.753	60.330							
$\begin{array}{c} 64 & 63 & 338 \\ 9.184 & 63 & 297 \\ 9.460 & 63 & 235 \\ 9.736 & 63 & 212 \\ 10.012 & 64 \\ 65 & 64 & 227 \\ 9.327 & 64 & 286 \\ 9.608 & 64 & 243 \\ 9.888 & 64 & 200 \\ 10.192 & 66 & 10.168 \\ 65 \\ 66 & 65 & 317 \\ 9.471 & 65 & 275 \\ 9.755 & 65 & 232 \\ 10.040 & 65 & 187 \\ 10.348 & 67 \\ 10.348 & 67 \\ 10.348 & 67 \\ 10.348 & 67 \\ 10.348 & 67 \\ 10.344 & 67 & 163 \\ 10.497 & 68 & 150 \\ 10.497 & 68 & 150 \\ 10.497 & 68 & 150 \\ 10.497 & 68 & 150 \\ 10.497 & 68 & 150 \\ 10.497 & 68 & 150 \\ 10.497 & 68 & 150 \\ 10.497 & 68 & 150 \\ 10.497 & 68 & 150 \\ 10.497 & 68 & 150 \\ 10.497 & 68 & 150 \\ 10.497 & 68 & 150 \\ 10.497 & 68 & 150 \\ 10.497 & 68 & 150 \\ 10.497 & 68 & 150 \\ 10.497 & 68 & 150 \\ 10.497 & 68 & 150 \\ 10.497 & 68 & 150 \\ 10.497 & 68 & 150 \\ 11.420 & 10.497 \\ 11.263 & 72 \\ 11.62 & 11.165 \\ 11.141 & 12.63 \\ 74 & 73 & 234 \\ 10.618 & 73 & 187 \\ 10.938 & 73 & 139 \\ 11.257 & 73 & 689 \\ 11.576 & 74 \\ 74 & 72 & 11.0618 \\ 73 & 138 & 71 & 10.938 \\ 73 & 139 \\ 11.257 & 73 & 689 \\ 11.576 & 74 \\ 75 & 11.409 & 75 & 165 \\ 11.238 & 70 & 11.247 \\ 75 & 11.409 & 74 & 071 \\ 11.738 & 75 & 74 \\ 75 & 74 & 224 \\ 10.968 & 75 & 165 \\ 11.234 & 75 & 11.381 \\ 75 & 11.5 & 11 & 561 \\ 77 & 620 & 11.699 \\ 77 & 76 & 203 \\ 11.697 & 75 & 11.381 \\ 76 & 11.691 & 71 \\ 77 & 76 & 203 \\ 11.697 & 75 & 11.381 \\ 77 & 70 & 21 \\ 11.667 & 77 & 104 \\ 11.202 & 78 \\ 77 & 78 & 182 \\ 11.336 & 78 & 132 \\ 11.677 & 78 & 681 \\ 12.202 & 78 \\ 79 & 81 & 21 \\ 11.479 & 79 & 121 \\ 11.828 & 1.511 & 1766 \\ 81 & 691 & 12.288 \\ 82 & 81 & 111 & 1668 \\ 82 & 81 & 111 & 1668 \\ 82 & 81 & 111 & 110 \\ 81 & 80 & 110 & 11.973 \\ 80 & 077 & 12.322 \\ 80 & 003 & 12.618 \\ 81 & 83 & 111 & 12.638 \\ 81 & 80 & 111 & 12.77 \\ 79 & 0.15 & 12.518 \\ 82 & 83 & 111 & 12.668 \\ 82 & 12.248 \\ 82 & 901 & 12.348 \\ 82 & 80 & 12 & 248 \\ 81 & 80 & 12 & 128 \\ 81 & 80 & 12 & 124 \\ 81 & 80 & 11 & 137 \\ 81 & 80 & 12 & 111 \\ 81 & 80 & 12 & 112 \\ 81 & 80 & 12 & 128 \\ 81 & 80 & 113 & 453 \\ 81 & 80 & 12 & 128 \\ 81 & 80 & 113 & 453 \\ 81 & 80 & 12 & 128 \\ 81 & 80 & 113 & 938 \\ 91 & 90 & 90 & 90 & 12.488 \\ 93 & 90 & 90 & 12.488 \\ 91$			8.897	61.319	9.164	61.278	9.432				
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			9.471	66 26	9.755	66.220	10.102	66.175	10.181		
			9.757	67.253	10.051	67.200	10.344	67.163	10.638	68	
$\begin{array}{c} 70 & 69.276 & 10.044 & 69.231 & 10.347 & 69.185 & 10.649 & 69.138 & 10.950 & 70 \\ \hline 71 & 70.265 & 10.188 & 70.220 & 10.494 & 70.174 & 10.801 & 70.126 & 11.107 & 71 \\ \hline 72 & 71.255 & 10.331 & 71.209 & 10.642 & 71.162 & 10.953 & 71.114 & 11.263 & 72 \\ \hline 73 & 72.245 & 10.475 & 72.198 & 10.790 & 72.150 & 11.105 & 72.101 & 11.420 & 73 \\ \hline 74 & 72.241 & 10.762 & 74.176 & 11.086 & 74.127 & 11.409 & 74.077 & 11.733 & 75 \\ \hline 74 & 72.241 & 10.905 & 75.165 & 11.234 & 75.115 & 11.561 & 75.064 & 11.889 & 76 \\ \hline 77 & 76.203 & 11.049 & 76.154 & 11.381 & 70.104 & 11.714 & 76.052 & 12.202 & 77 \\ \hline 78 & 77.103 & 11.192 & 77.143 & 11.529 & 77.092 & 11.866 & 77.040 & 12.202 & 79 \\ \hline 78 & 182 & 11.336 & 78.132 & 11.077 & 78.081 & 12.018 & 78.027 & 12.238 & 79 \\ \hline 78 & 79.172 & 11.479 & 79.121 & 11.825 & 79.069 & 12.170 & 79.015 & 12.515 & 80 \\ \hline 81 & 80.162 & 11.623 & 80.110 & 11.973 & 80.057 & 12.322 & 80.003 & 18.071 & 81 \\ 82 & 81.151 & 11.766 & 81.099 & 12.120 & 81.026 & 12.474 & 80.990 & 12.888 & 83 \\ \hline 83 & 82.141 & 11.910 & 82.088 & 12.268 & 82.041 & 12.930 & 83.954 & 13.297 & 85 \\ \hline 86 & 85.110 & 12.340 & 85.055 & 12.712 & 84.999 & 13.083 & 84.941 & 13.453 & 86 \\ \hline 87 & 86.100 & 12.484 & 86.044 & 12.898 & 85.937 & 13.237 & 85.929 & 13.0687 \\ \hline 88 & 87 & 089 & 12.077 & 85.055 & 12.712 & 84.999 & 13.083 & 84.941 & 13.943 & 89 \\ \hline 98 & 9.069 & 12.971 & 80.075 & 12.926 & 13.397 & 85.924 & 13.297 & 85 \\ \hline 91 & 90.058 & 13.058 & 90.092 & 13.995 & 13.387 & 85.929 & 13.925 & 87 \\ \hline 91 & 90.058 & 13.058 & 90.092 & 13.995 & 13.387 & 85.929 & 13.925 & 93 \\ \hline 91 & 90.058 & 13.058 & 90.092 & 13.998 & 13.991 & 93.83 & 14.861 & 95 \\ 92 & 91.048 & 13.207 & 90.989 & 13.998 & 90.997 & 13.766 & 88 \\ \hline 93 & 90.069 & 13.975 & 94.946 & 14.190 & 94.883 & 14.604 & 94.818 & 15.018 & 87 \\ 95 & 94.07 & 13.632 & 93.957 & 14.042 & 93.894 & 14.452 & 93.830 & 14.861 & 95 \\ 95 & 95.996 & 13.978 & 93.957 & 14.042 & 93.894 & 14.452 & 93.830 & 14.861 & 95 \\ 95 & 95.996 & 13.978 & 93.978 & 13.766 & 97.981 & 13.948 & 15.008 & 97 \\ 95 & 996 & 13.978 & 93$	60	68.286	0.001	08.242	10.199	100.197	10.497	00.150	10.794	79	
71 70. a 65 10. 188 70. 220 10. 494 70. 174 10. 801 70. 126 11. 107 71 72 71 255 10. 331 71 209 10. 642 71 162 10. 953 71 114 11 11 263 72 73 73 74 73 2345 10. 475 74 79 11 05 11 10 953 71 114 11 11 257 73 205 11 11 576 73 11 576 74 11 10 11 10 11 10 11 11	70	69.276	10.044	69.231	10.347	69.185	10.649	69.138	10.950	70	
$\begin{array}{c} 72 71.25 \\ 72 71.25 \\ 10.331 \\ 71.209 \\ 10.6475 \\ 72.198 \\ 10.790 \\ 72.150 \\ 11.105 \\ 72.101 \\ 11.247 \\ 73.234 \\ 10.6475 \\ 74.10 \\ 11.0675 \\ 74.10 \\ 11.058 \\ 74.10 \\ 11.577 \\ 74.234 \\ 10.618 \\ 74.10 \\ 11.067 \\ 74.10 \\ 11.068 \\ 74.127 \\ 11.409 \\ 74.077 \\ 11.577 \\ 73.089 \\ 11.576 \\ 74 \\ 74.107 \\ 11.577 \\ 74.234 \\ 10.618 \\ 74.107 \\ 11.647 \\ 74.107 \\ 11.234 \\ 75.115 \\ 11.247 \\ 74.127 \\ 11.409 \\ 74.077 \\ 11.733 \\ 75 \\ 76 \\ 75.115 \\ 11.247 \\ 75.125 \\ 11.247 \\ 75.125 \\ 11.247 \\ 75.125 \\ 11.247 \\ 75.125 \\ 11.247 \\ 75.125 \\ 11.247 \\ 75.125 \\ 11.247 \\ 75.125 \\ 11.247 \\ 75.125 \\ 11.247 \\ 77.193 \\ 11.192 \\ 77.143 \\ 11.529 \\ 77.080 \\ 11.677 \\ 78.182 \\ 11.367 \\ 77.193 \\ 11.192 \\ 77.143 \\ 11.529 \\ 77.080 \\ 12.108 \\ 12.626 \\ 11.677 \\ 78.182 \\ 11.367 \\ 79.121 \\ 11.852 \\ 77.080 \\ 12.108 \\ 12.268$	71	70.965	10.188	70.220	10.494	70.174	10.801	70.126			
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	1 40	71.245	10.321	71.200	10.042	71.102	10.953	71.114			
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	73	72.245	10.475	72.198	10.790	72.150	11.105	72.101	11.420	73	
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	74	73.234	10.018	73.107	10.930	1/3.139	11.43/	1/3.009	11.722	70	
$\begin{array}{c} 7, 76. 203 11.049 76.154 11.381 76.104 11.714 76.052 112.045 77 78 77 78 77 793 111.192 77.143 11.529 77.092 11.866 77.040 12.202 78 79 78.182 11.336 78.132 11.677 78.081 12.018 78.027 112.358 79 79 78.182 11.336 78.132 11.677 78.081 12.018 78.027 112.358 79 80 79.172 11.479 79.121 11.873 79.069 12.170 79.015 12.515 80 78 172 11.479 79.121 11.875 79.069 12.170 79.015 12.515 80 78 172 11.479 82.088 12.268 82.034 12.626 81.098 12.474 80.990 12.888 82 83 82.141 11.910 82.088 12.268 82.024 12.476 88.090 12.888 83 84 83.131 12.053 83.077 12.416 83.022 12.4778 82.966 13.140 84 83 84 83.131 12.053 83.077 12.416 84.021 12.930 83.964 13.140 84 83 84 83.131 12.053 83.077 12.416 84.021 12.930 83.966 13.140 84 83 84 83.131 12.053 83.077 12.416 84.021 12.930 83.966 13.140 84 83 84 83.131 12.053 83.077 12.416 84.011 12.930 83.966 13.140 84 83 84 83.131 12.053 83.077 12.416 84.011 12.930 83.966 13.140 84 83 84 83 84 83.131 12.053 83.077 12.416 84.011 12.930 83.966 13.140 84 83 84 83 13.10 12.340 84.011 12.859 85.987 13.235 85.929 13.607 85 98 90.929 13.083 84.941 13.453 86 88 88.059 12.771 88.022 13.155 87 964 13.357 86.917 13.766 88 89 88.059 12.771 88.022 13.155 87 964 13.599 87.904 13.938 89 91 10.098 91 13.903 88.953 13.609 88.892 11.079 90 98 9.069 12.971 88.022 13.155 87 924 13.843 89.860 14.236 91 91 90.058 13.058 90.929 13.995 90.867 14.392 93 91 99 90.058 13.058 90.929 13.995 90.867 14.392 93 91 99 91.048 13.201 90.989 13.598 90.929 13.995 90.867 14.392 93 93 92.038 13.345 91.978 13.746 91.918 14.147 91.856 14.548 93 91 99 97.973 13.468 92.966 14.300 92.843 14.705 94 93 94 93.027 13.488 92.966 14.300 92.843 14.709 94 94 93.027 13.488 92.966 13.917 49 93 894 14.452 93.830 14.861 95 97 95.996 13.919 94.935 14.938 95.871 14.756 95.866 15.174 97 98 99 97.975 14.266 97.931 14.033 97.848 15.066 97.981 15.348 99 99 97.975 14.266 97.913 14.433 97.848 15.066 97.781 15.487 99 100 98.865 14.948 94.818 15.018 96 97.98 13.048 15.008 96 19.774 97 97 98 95.966 13.919 94.935 14.438 93.856 15.212 98.769 15.643 100 198.865 14.5$	1		_				11 561	75.064		_	
7877.19311.192 77.14311.529177.09211.806 77.04012.202 7978.182 11.336 78.132 11.677 78.08112.018 78.02712.338 79 8079.17211.479 79.121 11.825 79.059 12.170 79.01512.515 80 8180.162 11.623 80.110 11.973 80.057 12.322 80.003 14.671 81 8281.151 11.766 81.099 12.120 81.046 12.474 80.990 12.838 83 8382.141 11.910 82.088 12.268 82.034 12.626 81.978 12.964 83 8483.131 12.053 83.077 12.416 83.022 12.778 82.966 13.140 84 8584.120 12.197 84.066 12.564 84.011 12.930 83.954 13.397 85 8685.110 12.346 85.055 12.712 84.999 13.083 84.941 13.453 86 8786.100 12.484 86.044 12.859 85.987 13.235 85.929 13.610 87 8887.080 12.627 87.033 13.007 86.976 13.387 86.97 13.766 88 89 88.079 12.771 88.022 13.1508 89.937 13.235 85.929 13.610 87 88 87.060 12.984 90.001 13.453 88.953 13.609 88.892 11.079 90 90 89.066 12.914 89.011 13.503 88.953 13.691 88.892 11.079 90 91 90.058 13.058 90.000 13.451 89.929 13.994 97.964 13.549 87.986 11.4.290 91 91 90.058 13.058 90.000 13.451 89.929 13.994 99.867 14.392 93 93 92.038 13.345 91.978 13.746 91.918 14.147 91.855 14.454 93 94 93.027 13.488 92.968 13.894 92.906 14.300 92.843 14.705 94 95 94.017 13.632 93.957 14.042 93.894 14.452 93.830 14.861 95 96 95.007 13.775 94.9496 14.190 94.883 14.604 94.818 15.018 96 97 95.996 13.919 94.935 14.938 95.871 14.756 95.866 15.174 97 98 96.986 14.064 96.924 14.485 96.859 14.908 96.793 15.31 98 99 97.975 14.206 97.913 14.437 99.865 14.948 95.014.908 96.793 15.31 98 99 97.975 14.206 97.913 14.453 97.845 15.606 97.78 15.4454 99 99 97.975 14.206 97.913 14.453 97.845 15.606 97.78 15.948 95.914.945 95.14.948 95.935 14.968 95.957 15.456 95.957 14.928 96.571 15.457 95.958 95.979 13.975 14.206 95.965 13.917 94.935 14.938 95.871 14.756 95.866 15.174 97 98 96.986 14.063 96.924 14.485 96.859 14.908 96.793 15.31 98 99 97.975 14.206 97.913 14.453 97.845 15.606 97.78 15.454 95 99 97.975 14.206 97.913 14.938 95.851 14.975 94.955.915.454 95 99 97.975 14.206 97.913 14.938 97.845 15.606 97.78 15.948 95.0453 100 90 98.965 44.349 98.902 14.778 98.856 15.212 9		106 000	111 040	76 104	11.281	76.104	11.714	176.052	12.04	77	
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	77	77.102	11.102	77.142	11.520	77.002	11.866	77.040	12.202	78	
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	70	78.182	11.336	78:132	11.677	78.081	12.018	78.027	12.358	79	
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	1 80	70.172	11.479	79.121	11.825	79.009	12.170	79.015	12.515	-00	
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	81	80.162	11.623	80.110	11.973	80.057	12.322	80.003	12.671		
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	82	81.151	11.766	81.099	12.120	81.046	12.474	80.990	12.828		
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	1 2 .	182 141	11.010	82.088	12.200	02.034	12.020	01.970	13.004	81	
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$			12.053	84 066	12.564	84.011	12.030	83.900	12.207	8	
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	85	104.120	4.197	84.000	12 7 12	81 000	12 02	84 0.1	12.452		
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	86	85.110	12.340	86.04	12.712	85.087	12.22	85.020	13.610		
$\begin{array}{c} 91 \ 90.05\ 8 \ 13.05\ 8 \ 90.000\ 13.451\ 80.941\ 13.843\ 89.880\ 14.290\ 91\\ 991.048\ 13.201\ 90.989\ 13.598\ 90.291\ 3.995\ 90.867\ 14.292\ 93\\ 93 \ 92.03\ 8\ 13.345\ 91.978\ 13.746\ 91.98\ 14.147\ 91.855\ 14.548\ 93\\ 94 \ 93.07\ 13.632\ 93.957\ 14.042\ 93.894\ 14.452\ 93.830\ 14.861\ 95\\ 95 \ 90.7\ 13.775\ 94.946\ 14.190\ 94.883\ 14.604\ 94.818\ 15.018\ 96\\ 95 \ 95.996\ 13.919\ 96.935\ 14.328\ 95.871\ 14.756\ 95.866\ 15.774\ 97\\ 9896\ 986\ 14.062\ 96.935\ 14.438\ 96.851\ 14.766\ 95.866\ 15.774\ 97\\ 9896\ 986\ 14.062\ 96.935\ 14.438\ 96.851\ 14.968\ 96.781\ 15.487\ 97\\ 99\ 97.975\ 14.266\ 97.93\ 15.437\ 97\\ 99\ 99\ 97.975\ 14.266\ 97.93\ 15.347\ 99\\ 99\ 97.975\ 14.266\ 97.93\ 15.437\ 99\\ 99\ 97.975\ 14.266\ 97.93\ 15.437\ 99\\ 99\ 97.975\ 14.266\ 97.93\ 15.437\ 99\\ 99\ 97.975\ 14.266\ 97.93\ 15.437\ 99\\ 99\ 97.975\ 14.266\ 97.93\ 15.437\ 99\\ 99\ 97.975\ 14.266\ 97.93\ 15.437\ 99\\ 99\ 97.975\ 14.266\ 97.93\ 15.437\ 99\\ 99\ 97.975\ 14.266\ 97.93\ 15.437\ 99\\ 99\ 97.975\ 14.266\ 97.93\ 15.437\ 99\\ 99\ 97.975\ 14.266\ 97.93\ 15.437\ 99\\ 99\ 97.975\ 14.266\ 97.93\ 15.437\ 99\\ 99\ 97.975\ 14.266\ 97.93\ 15.437\ 99\\ 99\ 97.975\ 14.266\ 97.93\ 15.437\ 99\\ 99\ 97.975\ 14.266\ 97.93\ 15.437\ 99\\ 99\ 97.975\ 14.266\ 97.93\ 15.437\ 99\\ 99\ 97.975\ 14.266\ 97.93\ 15.437\ 99\\ 99\ 97.975\ 14.266\ 97.93\ 15.437\ 99\\ 99\ 97.975\ 14.266\ 97.93\ 15.437\ 99\\ 99\ 97.975\ 14.266\ 97.93\ 15.437\ 99\ 99\ 97.975\ 15.437\ 99\ 99\ 97.95\ 15.437\ 99\ 99\ 97.95\ 15.43\ 15.643\ 100\ 97.95\ 15.43\ 15.45\ 15.45\ 15.45\ 10.55\ 15.45\ 10.55\ 15.45\ 10.55\ 15.45\ 10.55\ 15.45\ 10.55\ 15.45\ 10.55\ 15.45\$	87	87.080	12.627	87.022	13.007	86.476	13.387	86.917	13.766	88	
$\begin{array}{c} 91 \ 90.05\ 8 \ 13.05\ 8 \ 90.000\ 13.451\ 80.941\ 13.843\ 89.880\ 14.290\ 91\\ 991.048\ 13.201\ 90.989\ 13.598\ 90.291\ 3.995\ 90.867\ 14.292\ 93\\ 93 \ 92.03\ 8\ 13.345\ 91.978\ 13.746\ 91.98\ 14.147\ 91.855\ 14.548\ 93\\ 94 \ 93.07\ 13.632\ 93.957\ 14.042\ 93.894\ 14.452\ 93.830\ 14.861\ 95\\ 95 \ 90.7\ 13.775\ 94.946\ 14.190\ 94.883\ 14.604\ 94.818\ 15.018\ 96\\ 95 \ 95.996\ 13.919\ 96.935\ 14.328\ 95.871\ 14.756\ 95.866\ 15.774\ 97\\ 9896\ 986\ 14.062\ 96.935\ 14.438\ 96.851\ 14.766\ 95.866\ 15.774\ 97\\ 9896\ 986\ 14.062\ 96.935\ 14.438\ 96.851\ 14.968\ 96.781\ 15.487\ 97\\ 99\ 97.975\ 14.266\ 97.93\ 15.437\ 97\\ 99\ 99\ 97.975\ 14.266\ 97.93\ 15.347\ 99\\ 99\ 97.975\ 14.266\ 97.93\ 15.437\ 99\\ 99\ 97.975\ 14.266\ 97.93\ 15.437\ 99\\ 99\ 97.975\ 14.266\ 97.93\ 15.437\ 99\\ 99\ 97.975\ 14.266\ 97.93\ 15.437\ 99\\ 99\ 97.975\ 14.266\ 97.93\ 15.437\ 99\\ 99\ 97.975\ 14.266\ 97.93\ 15.437\ 99\\ 99\ 97.975\ 14.266\ 97.93\ 15.437\ 99\\ 99\ 97.975\ 14.266\ 97.93\ 15.437\ 99\\ 99\ 97.975\ 14.266\ 97.93\ 15.437\ 99\\ 99\ 97.975\ 14.266\ 97.93\ 15.437\ 99\\ 99\ 97.975\ 14.266\ 97.93\ 15.437\ 99\\ 99\ 97.975\ 14.266\ 97.93\ 15.437\ 99\\ 99\ 97.975\ 14.266\ 97.93\ 15.437\ 99\\ 99\ 97.975\ 14.266\ 97.93\ 15.437\ 99\\ 99\ 97.975\ 14.266\ 97.93\ 15.437\ 99\\ 99\ 97.975\ 14.266\ 97.93\ 15.437\ 99\\ 99\ 97.975\ 14.266\ 97.93\ 15.437\ 99\\ 99\ 97.975\ 14.266\ 97.93\ 15.437\ 99\\ 99\ 97.975\ 14.266\ 97.93\ 15.437\ 99\ 99\ 97.975\ 15.437\ 99\ 99\ 97.95\ 15.437\ 99\ 99\ 97.95\ 15.43\ 15.643\ 100\ 97.95\ 15.43\ 15.45\ 15.45\ 15.45\ 10.55\ 15.45\ 10.55\ 15.45\ 10.55\ 15.45\ 10.55\ 15.45\ 10.55\ 15.45\ 10.55\ 15.45\$	80	88.070	12.771	88.022	13.155	87.964	13.539	87.904	13.923		
$\begin{array}{c} 91 \ 90.05\ 8 \ 13.05\ 8 \ 90.000\ 13.451\ 80.941\ 13.843\ 89.880\ 14.290\ 91\\ 991.048\ 13.201\ 90.989\ 13.598\ 90.291\ 3.995\ 90.867\ 14.292\ 93\\ 93 \ 92.03\ 8\ 13.345\ 91.978\ 13.746\ 91.98\ 14.147\ 91.855\ 14.548\ 93\\ 94 \ 93.07\ 13.632\ 93.957\ 14.042\ 93.894\ 14.452\ 93.830\ 14.861\ 95\\ 95 \ 90.7\ 13.775\ 94.946\ 14.190\ 94.883\ 14.604\ 94.818\ 15.018\ 96\\ 95 \ 95.996\ 13.919\ 96.935\ 14.328\ 95.871\ 14.756\ 95.866\ 15.774\ 97\\ 9896\ 986\ 14.062\ 96.935\ 14.438\ 96.851\ 14.756\ 95.866\ 15.774\ 97\\ 9896\ 986\ 14.062\ 96.935\ 14.438\ 96.851\ 14.968\ 96.781\ 15.487\ 97\\ 99\ 97.975\ 14.266\ 97.93\ 15.347\ 97\\ 99\ 99\ 97.975\ 14.266\ 97.93\ 15.347\ 97\\ 99\ 99\ 97.975\ 14.266\ 97.93\ 15.347\ 99\\ 99\ 97.975\ 14.266\ 97.93\ 15.437\ 99\\ 99\ 97.975\ 14.266\ 97.93\ 15.437\ 99\\ 99\ 97.975\ 14.266\ 97.93\ 15.437\ 99\\ 99\ 97.975\ 14.266\ 97.93\ 15.437\ 99\\ 99\ 97.975\ 14.266\ 97.93\ 15.437\ 99\\ 99\ 97.975\ 14.266\ 97.93\ 15.437\ 99\\ 99\ 97.975\ 14.266\ 97.93\ 15.437\ 99\\ 99\ 97.975\ 14.266\ 97.93\ 15.437\ 99\\ 99\ 97.975\ 14.266\ 97.93\ 15.437\ 99\\ 90\ 97.975\ 14.266\ 97.93\ 15.437\ 99\\ 90\ 97.975\ 14.266\ 97.93\ 15.437\ 99\\ 90\ 97.975\ 14.266\ 97.93\ 15.437\ 99\\ 90\ 97.975\ 14.266\ 97.93\ 15.437\ 99\\ 90\ 97.975\ 14.266\ 97.93\ 15.437\ 99\\ 90\ 97.975\ 14.266\ 97.93\ 15.437\ 99\\ 90\ 97.975\ 14.266\ 97.93\ 15.437\ 99\\ 90\ 97.975\ 14.266\ 97.93\ 15.437\ 99\\ 90\ 97.975\ 14.266\ 97.93\ 15.437\ 99\\ 90\ 97.975\ 14.266\ 97.93\ 15.437\ 99\\ 90\ 97.975\ 14.266\ 97.93\ 15.437\ 19\ 98\ 97.95\ 14.966\ 97.95\ 15.437\ 10.666\ 97.97\ 15.437\ 15.437\ 19\ 99\ 15.643\ 100\ 10\ 15.457\ 10.457\ 11.5\ 14.566\ 15.775\ 14.566\ 15.775\ 14.566\ 15.775\ 14.566\ 15.775\ 14.566\ 15.775\ 14.566\ 15.775\ 14.566\ 15.775\ 14.566\ 15.775\ 14.566\ 15.775\ 19\ 15.457\ 10.566\ 15.775\ 19\ 15.457\ 10.566\ 15.775\ 19\ 15.457\ 10.566\ 15.775\ 14.566\ 15.775\ 14.566\ 15.775\ 14.566\ 15.775\ 14.566\ 15.775\ 14.566\ 15.775\ 14.566\ 15.775\ 14.566\ 15.775\ 14.566\ 15.775\ 14.566\ 15.775\ 14.566\ 15.775\ 14.566\ 15.575\ 14.566\ 15.575\ 14.566\ 15.575\ 14.566\$	90	89.069	12.914	89.011	13.303	88.953	13.691	88.892	14.079	90	
$\begin{array}{c} 9 & 91.048 & 13.201 & 90.989 & 13.508 & 90.929 & 13.995 & 90.087 & 14.592 & 941 \\ 93 & 92.038 & 13.345 & 91.978 & 13.746 & 91.918 & 14.147 & 91.855 & 14.548 & 93 \\ 94 & 93.027 & 13.488 & 92.968 & 13.894 & 92.966 & 14.300 & 92.843 & 14.705 & 94 \\ 95 & 94.017 & 13.632 & 93.957 & 14.042 & 93.894 & 14.452 & 93.830 & 14.861 & 95 \\ 96 & 95.007 & 13.775 & 94.946 & 14.190 & 94.883 & 14.604 & 94.818 & 15.018 & 96 \\ 97 & 95.996 & 13.919 & 96.935 & 14.338 & 95.871 & 14.756 & 95.866 & 15.774 & 97 \\ 98 & 96.986 & 14.062 & 96.924 & 14.438 & 96.859 & 14.908 & 96.793 & 15.331 & 98 \\ 99 & 97.975 & 14.206 & 97.913 & 14.033 & 97.848 & 15.066 & 97.781 & 15.487 & 99 \\ 90 & 96.965 & 14.309 & 98.902 & 14.781 & 98.836 & 15.212 & 98.769 & 15.643 & 100 \\ \hline \hline$	· · · ·	0.0.0	122 028	000	12 401	180 04 I	12.842	80.880	11.1.296		
$\begin{array}{c} 9493.02713.428 \left[92.90613.303 \left[92.906114.303 \left[92.803144.705 \right] 94\\ 9594.017 \left[13.632 \right] 93.957 \left[14.042 \right] 93.894 \left[14.452 \right] 93.830 \left[14.801 \right] 95\\ 9695.007 \left[13.775 \right] 94.946 \left[14.190 \right] 94.883 \left[14.604 \right] 94.818 \left[15.018 \right] 96\\ 9795.996 \left[13.919 \right] 94.935 \left[14.338 \right] 95.871 \left[14.756 \right] 95.806 \left[15.174 \right] 97\\ 9896.986 \left[14.062 \right] 96.923 \left[14.485 \right] 96.859 \left[14.908 \right] 96.793 \left[15.331 \right] 98\\ 9997.975 \left[14.206 \right] 97.913 \left[14.435 \right] 97.848 \left[15.006 \right] 97.781 \left[15.487 \right] 99\\ 10098.965 \left[14.349 \right] 98.902 \left[14.781 \right] 98.836 \left[15.212 \right] 98.769 \left[15.643 \right] 100\\ \hline E. W. N. S. D. 15\\ \hline 15 45 \ \text{Min.} \ \hline 30 \ \text{Min.} \ \hline 5 \ \text{Min.} \ \hline 5$	9	91.048	13,201	90.9 89	13.598	90.929	13.995	90.867	14.392		
$\begin{array}{c} 9493.02713.428 \left[92.90613.303 \left[92.906114.303 \left[92.803144.705 \right] 94\\ 9594.017 \left[13.632 \right] 93.957 \left[14.042 \right] 93.894 \left[14.452 \right] 93.830 \left[14.801 \right] 95\\ 9695.007 \left[13.775 \right] 94.946 \left[14.190 \right] 94.883 \left[14.604 \right] 94.818 \left[15.018 \right] 96\\ 9795.996 \left[13.919 \right] 94.935 \left[14.338 \right] 95.871 \left[14.756 \right] 95.806 \left[15.174 \right] 97\\ 9896.986 \left[14.062 \right] 96.923 \left[14.485 \right] 96.859 \left[14.908 \right] 96.793 \left[15.331 \right] 98\\ 9997.975 \left[14.206 \right] 97.913 \left[14.435 \right] 97.848 \left[15.006 \right] 97.781 \left[15.487 \right] 99\\ 10098.965 \left[14.349 \right] 98.902 \left[14.781 \right] 98.836 \left[15.212 \right] 98.769 \left[15.643 \right] 100\\ \hline E. W. N. S. D. 15\\ \hline 15 45 \ \text{Min.} \ \hline 30 \ \text{Min.} \ \hline 5 \ \text{Min.} \ \hline 5$	93	92.038	13.345	91.978	13.746	91.918	14.147	91.855	14.548		
$\begin{array}{c} 96 95.007 & 13.775 & 94.946 \\ 14.190 & 94.833 & 14.604 & 94.818 \\ 15.018 & 90 \\ 97 95.996 & 13.919 & 96.935 & 14.338 \\ 95.806 & 14.062 & 96.935 & 14.338 \\ 99 & 97.975 & 14.266 & 97.913 & 14.338 \\ 99 & 97.975 & 14.266 & 97.913 & 14.435 \\ 90 & 97.975 & 14.266 & 97.913 & 14.435 \\ 100 & 98.965 & 14.349 & 98.902 & 14.781 & 98.836 & 15.212 & 98.769 & 15.643 & 100 \\ \hline E. W.N. S. E. W.N. S. E. W.N. S. E. W.N. S. D. \\ \hline 9 & 45 & Min. & 30 & Min. & 15 & Min. & 0 & Min. \\ \hline \end{array}$		102 027	117.488	02.000	114.001	102.000	14.400	142.044	14.795		
$\begin{array}{c} 97 95.996 [13.919] 96.935 [14.338] 95.871 [14.756] 95.866 [15.174] 97\\ 98 96.986 [14.062] 96.924 [14.485] 96.859 [14.908] 66.793 [15.373] 98\\ 99 97.975 [14.266] 97.913 [14.633] 97.878 [15.066] 97.781 [15.487] 99\\ 100 98.965 [14.346] 98.902 [14.781] 98.836 [15.212] 98.769 [15.643] 100\\ \hline E. W.N. S. E. W.N. S. E. W.N. S. E. W.N. S. D. \\ \hline 9. 45 Min. 30 Min. 15 Min. 0 Min. \phantom{aaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaa$			13.03,2	73.957		93.994	+ - 2	33.030	1001		
$\begin{array}{c} 9896.98614.402 \\ 9997.97514.206 \\ 97.9814.206 \\ 97.9814.206 \\ 98.90214.4.781 \\ 98.83615.212 \\ 98.83615.212 \\ 98.76915.643 \\ 100 \\ \hline E. W.N. S. E. W.N. S. E. W.N. S. E. W.N. S. U. W.N. S. U. \\ \hline 9.76915.643 \\ 100 \\ \hline 100 \\ \hline$	1	100 ANK	12 010	06 025	14.928	05.871	14.766	iac.806	125.174		
$\begin{array}{c} 99 97.975 14.206 97.913 14.033 197.848 15.000 97.781 15.407 999 \\ 100 98.965 14.349 98.902 14.781 98.836 15.212 98.769 15.643 100 \\ \hline E. W. N. S. \Box^{1}45 Min. 30 Min. 15 Min. 0 Min.$		66 086	114 002	100.024	114.405	100.050	114.000	100.102	125.351		
E. W. N. S. E. W. N. S. E. W. N. S. E. W. N. S. D. 45 Min. 30 Min. 15 Min. 0 Min.	98	97.974	14.206	97.913	14.633	97.848	15.060	97.781	15.487	· 99	
E. W. N. S. E. W. N. S. E. W. N. S. E. W. N. S. D. 45 Min. 30 Min. 15 Min. 0 Min.	100	98.965	14.349	98.902	14.781	98.836	15.212	98.769	15.643	100	
45 Min. 30 Min. 15 Min. 0 Min.						E. W.	N. S.	E. W.	N. S.	0	
81 Degrees.	B	45	Min.	30	Min.	1 15	Min.	ON.	lin.	F	
	IF.	,	-		- 81 De	grees.					ł

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Dift.	15	Min.	30	Min.	45	Min.	0	Min.	Dift
₽.	N. S.	E. w.	N. 5.	E. W.	N. S.	E. W.	N. S.	E. W.	ج ا
1	0.987	0.161	0.986	0.165	0.986	0.169	0.985	0.174	T
2	1.974	0.321	1.973	0.330	1.971	0.339	1.970	0.347	- 2
3	2.961	0.482	2.959	0.495	2.957	0.508	2.954	0.581	3
1 4		0.643 0.804	3.945	0.660 0.825	5 54	0.677	3.939	0.695	.4
5	4.935		4.931		4.928	0.847	4.924	0.868	_5
6		0.964	5.918 6.904	0.990	5.913	1.016	5.909	1.042	6
78	7.896			1.155	6.899 7.884	1.185 1.355	6.894 7.878	1.216 1.389	7 8
9		1.447	8.877	1.485			8.863	1.563	9
10	9.870		9.863	1,650	9.856	1.693	9.848	1.736	10
11	10.857	1.768	10.849	1.816	10.841	1.863	10.833	1.910	II
12	11.844		11.835	1.981		8.032	11.818	2.084	12
	12.831		12.822		12.812	2.202		2.257	13
	13.818		13.808	2.311	13.798		13.787	2.431	14
15	<u> </u>		14.794	2.476		2.540	14.772	2.605	15
16	-0.73-		15.781	2.641	15.769	2.710	15-757	2.778	16
17 18	16.779 17.766	2.733	16.767		16.754		16.742	2.952 8.126	17 18
19	18.753		18.739	2.971 3.146	17.740		17.727	3.299	10 19
20	19.740	3.215	19.726		19.711	3.387	19.696	3.473	20
21	20.727	3.376	20.712		20.697	3.556	20.681	3.647	21
22	21.714		21.698	3.631		3.726	21.666	3.820	22
23	22.701	3.697	22.685		22.668	3.894	22.651	3.994	23
	23.688		23.671		23.653	4.064	23.635	4.168	24
- 25		4.019	24.657	4.126	24.639	4.234	24.620	4.341	25
26		4.179	25.643	4.291	25.624	4.403	25.605	4.515	26
27	26.649		26.63c		26.610		26.590	4.689	27
20	27.636 28.623	4.501 4.662	27.616 28.602	4.621	27.596		27.575 28.559	4.862 5.036	28 29
	29.610	4.822	29.589	4.951	29.567	5.080	29.544	5.209	30
31			30.575	5.116		5.250		5.383	31
	31.584	5.144	31.561		31.538		31.514	5.557	32
33	32.571	5.305	32.547		32.523		32.499	5.730	33
34	33.558	5.465	33.534	5.612	33.509		33.483	5.904	34
	34.545	5.620	34.520	5.777	34.494	5.927	34.468	6.078	35
36	35.532	5.787	35.506 3 6.49 3 37.479	5.942	35.480	6.097	35.453	6.251	.36
37	36.519	5.947	30.493	6.107			36.438	6.425	'3 7
30	37.506 38.493	6 108	37.479		37.451	6.435	37.423	6.599	38
40	30.493 39.480		38.465 39.451	6.602	38.437 39.422	6.604 6.774	38.408 39 .3 92	6.772 6.946	39 40
	40.467			6.767				7.120	
42	40.407 41.454		40.438 41.424	0.707 6.932	40.408 41.393	6.943 7.113	40.377 41.362	7.293	. 41 42
	42.441		42.410	6.097	42.379	7.282	42.347	7.467	43
44	43.428	7.073	43.397		43.364	7.451	43.332	7.641	44
45	44.415	7.233	44.383	7.427	44.350	7.621	44.316	7.814	.45
46	45.402	7.394	45.369	7.592	45.336	7.790	45.301	7.988	46
47	40.389	7.555	46.355	7.757	46.321	7.959	46.286	8.161	47
48 40	47.376	7.710	47.342		47.307		47.271	8.335	48
59	48. 363 49 .35 0		48.328		48.292	8.298 8.467	48 .256 49. 2 40		.49 50
-	E. W.		49.314 E. W.	8.252 N. S.	49.278		E. W.		-
Di₽									<u>D</u>
.₽	45 Min. 30 Min. 15 Min, 0 Min.							j₽.	
l	80 Degrees.								

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			9 [Degrees.			10 D	grees.	
Dift.	15	Min.	30	Min.	45	Min.	O N	tin.	Dift.
	N. S.	E. W	N. S.	E. W.		<u>E. W.</u>	N. S.	E. W.	R.
	50.337	8,19	8 50.301	8.417	50.263	8.637	50.225	8.856	ςī
52	51.324	8.35	51.287 52.273	8.582	51.249	8.806	51.210	9.030	52
53	52.311	8.51	52.275	8.748	52.234	8.970	52.195	9.203	53
54	53.298 54.285	8.84	53.259	8.9 13 9.0 78	53.220 54.206		53.180		54
				The state of the s	_		54.164		<u> </u>
	55.272 56.259	0.16	2 55.232	9.243	55.191 56.177	9.404	55.149 56.134	9.724 9.898	56
158	57.246		57.205	9.573	57.162	9.822	57.119	10.072	57 58
59	58.233	9.48	¥[[58.191	9.730	130.140	9.992	58.104	10.245	59
60	59.220	9.64	59.177	9.903	59.133	10.161	59.088	10.419	60
61	60.207	9.80	60.163	10.068	60.119	10.330	60.073	10.593	6ř
62	61.194	9.90	01.150	10.233	01.104	10.500	01.058	10.766	62
03	62. 169	10.12	61.150 62.136 63.122	10.398	62.076	10.828	62.028	10.940	63
65	64.155	10.44	64.109	10.728	64.061	11.008	64.013	11.287	64 65
66	65.142	10.60	65.005	10.802	65.047	11.177	64.007	11.461	66
67	66.129	10.77	66.081	11.058	66.032	11.346	65.982	11.634	67
68	67.116	10.02	167 067	111 222	67.018	11.016	166 06-	1 1 8 9	68
			1 68.054		68.003	11.685	67.952	11:982	69
-			2 69.040		00.989	11.854			70
	70.077		70.026	11.718	09.974	12.024	69.921	12.329	71
72	72.001	11.72	71.013	11.003	71.046	12.193	71.891	12.503	72
74	73.038	11.89	5 72.985	12.214	72.931	12.532	72.876		73 74
			73.971						75
76	75.012	12.21	5 74.958	12.544	74.902	12.871	74.845	13.197	76
77	75.999	12.37	7 7 5.944	12.700	75.888	13.040	75.830	13.271	77
78	70.986	12.53	8 76.930	12.874	70.873	13.209			78
79 8c	78.060	12.80	77.917	17.204	78.811	13.379	77.800	13.718	79 89
			79.889						81
82	80.024	13.18	80.870	13.534	80.816	1 2.887	80.754	14.220	82
82	81.021	13.34	21181.862	117.600	108.18	14.056	81.720	14.412	83
84	82.908	13.50	82.848 83.834	13.864	82.787	14.225	82.724	14.586	84
85	83.895	13.00	83.834	14.029	\$3.772	14.395	83.709	14.760	85
86	84.882	13.82.	84.821 85.807 86.793	14.194	84.758	14.564	84.693	14-934	86
87 88	05.809 86 8-4	13.98	86 707	14.359	86.720	14.733	86 66-	15.107	87 88
80	87.842	14.30	51187,770	114.080	107.714	115.072	87.6AX	IC.ACC	89
	88.830		88.766	14.854	88.700	15.241	88.633	15.628	90
; 91	89.817	14.62	89.752	15.019	89.686	15.411	89.618	15.802	91
92	90.804	14.78	3 90.738	15.184	90.671	15.580	30.602	15.976	92
93	91.791	14.94	91.725	15.349	91,657	15.750	91.587	16.149	93
94	92.778	15.11	9 2. 711 93.697	15.514	92.042	15.919	92.572	16.323	94
95	93.705	13.4/	93.09/	13.000	93.020	10.000	93.557	16.497	95
. 90	94.752	15.43	94.683 95.670	15.045	94.013	16.427	94.542	16.670	96
98	96.726	15.70	96.656	16.17	96.581	16.506	96.511	17.018	97 98
99	97.713	15.91	1197.042	10.340	97.570	10.766	97.496	17.191	99
100	98.700	16.07	4 98.629	16.505	98.556	16.935	98.481	17.365	100
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Dift.	45 Min. 30 Min. 15 Min. 0 Min.							Dift.	
	80 Degrees.								

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Bi		Min.	30	Min.	45	Min.		Ain.	D,≓	
	N. S.	E. W.	N. S.	E. W.	N. S.	E. W.	N. S.	(E. W.	.⇒	
	0.984	0.178	0.983	0.182	0.982	0.186	0.982	0.191	-1	
2		0.356		0.364	1.965	0.373		0.383	2	
3		0.534			2.947			0.572	3	
4				0.729		0.746		0.763	4	
5		0.890			4.912	0.933	4.908	0.954	5	
6		1.068			5.895	1.119	5.89c	. 1.145	6	
78	6.888	1.246		1.276	6.877	.1.306		1.336	7	
9	1 2 2 2	1.424 1.601	8.849		7.860 8.842	1.492	7.853 8.835	1.526 1.717	8	
10		1.779	9.833	1.823	9.825	1.865	9.816	1.908	9 10	
	10.824				10.807		10.798	2.099		
	11.808	2.130	10.816 11.799	2.187	11.789	2.228	11.780	2.290	11 12	
	12.792	2.313	12.782	2.360	12.772		12.761	2.481	13	
	13.777		13.766	2.551	13.754		13.743	2.671	14	
15	14.761	2.669	14.749	2.734	14.737	2.798	14.724	2.862	15	
16	15.745	2.847	15.732	2.916	15.719	2.984	15.700	3.053	16	
	16.729	3.025	16.715	3.008	16.702	3.171	16.638	3.244	17	
18	17.713	3.203	16.715 17.699	3,280	17.684		17.669	3.435	18	
	18.697	3.381	18.682	3.462	18.657	3.544	18.651	3.625	19	
20	19.681	3.559	19.665	3.645	19.649	3.730	19.633	3.816	20	
	20.665	3.737	20.648		20.631	3.917	20.614	4. 0 07	21	
	21.649	3.915	21.632	4.009	21.614	4.104	21.596	4.198	22	
	22.633		22.615	4.191	22.596	4.290		4.389	23	
	23.617	4.271	23.598		23.579		23.559	4.579	24	
	24.601	_	24.581		24.561		24.541	4.770	25	
26	25.585	4.627	25.565	4.738			25.522	4.961	26	
27	26.569	4.804	26.548 27.531		26.526	5.036	26.504	5.152	27	
28	27.553	4.982	27.531		27.509	5.223	27.486	5.343	28	
	28.537		28.514		28.491	5.409	28.467 29.449	5.533	29	
	29.521		29.498	_	29.474	the second se	Colores and the second s	5.724	30	
	30.505		30.481	5.049	30.456	5.782	30.430	5.915	31	
	31.489	5.094	31.464	5.032	31.438 32.421	5.909	31.412	6.106 6.297	32	
24	32.473 33.457	5.0/2	32.447 33.431	6 106	32.403	6 2 4 9	32.394 33:375	6.488	33	
	34.441		34.414		34.386		33·3/3 34·357	6.678	34	
								6.859	35	
27	35.425	6 484	35-397 36.380	6 7 4 2	35.368 36.351	6.001	35•338 36 . 320	7.060	36	
	37.394	6.762	27.261	6.025	27 222	7.088	37.302	7.251	37 38	
	38.378	6.040	37.364 38.347	7.107	37-333 38.316		38.283	7.441	39	
	39.362	7.118	39.330		39.298		39.265	7.632	40	
	40.346		40.313		40.280		40.247	7.823	41	
	41.330		41.297		41.263		41.228	8.014	42	
	42.314		42.280	7.826	42.216		42.210	8.205	43	
	43.298		43.263	8.018	43.228		43.192	8.396	44	
	44.282		44.246	8.201	44.210		44.173	8.586	45	
46	45.266		45.230	8.383	45.193	8.580	_	8.777	46	
	46.250	8.363	46.213		46.175		46.136	8.968	47	
48	47.234	8.541	47.196	8.747	47.158	8.0.2	47.118	9.159	48	
49	48.218	8.719	48.179	8.930	48.140	9.140	48.100	9.350	49	
50	49.202	8.897	49.163		49.123	9. 3 26	49.081	9.540	50	
E I	E. W.I	N. S.	E. W.	N. S.	E. W.	N. S.	E. W.	N. S.		
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N.S. E.W.N.S. E.W.11S0.1869.075S0.1469.29430.1059.51350.0639.7315151.0179.43351.1129.47651.0879.959852.02610.07253.0855351.1259.4709.062852.0769.88652.02610.07253.08910.423555551.1059.96555.06210.20255.07110.41554.97110.055555657.1069.96555.06210.20555.07110.41554.97110.055555756.09010.13257.09210.37056.09210.61856.95311.065755958.05810.49958.02210.57056.09211.01188.87911.628595958.05810.49958.99711.11659.92911.37858.87911.628566150.02211.32960.91211.56460.86111.83062616261.09111.42861.94511.48563.89912.12463.86612.403656351.99511.20565.78112.20765.84212.21766665112.975686664.94711.74464.85312.20866.86712.68466.75112.975686665.8111.92665.87412.20765.84212.34767.77113.72713.787 <td>2</td> <td>15 N</td> <td>Ain. 1</td> <td>30</td> <td>Min.</td> <td>45 N</td> <td>Ain.</td> <td></td> <td></td> <td>Ū,</td> <td></td>	2	15 N	Ain. 1	30	Min.	45 N	Ain.			Ū,	
$ \begin{array}{c} 1 \\ 3 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5$				N. S.	E. W.			N. S.	E. W.	;₹	
$ \begin{array}{c} 1 \\ 3 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5$	51	50.186	9.075	50.146	9.294	50.105	9.513	50.062	0.731		ŀ.
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	52	51.170	9.253	51.129	9.476	51.087	9.6001	\$1.010	0.022		ł
$ \begin{array}{c} 5, 5, 1, 20 \\ 5, 5, 1, 20 \\ 9, 9, 75 \\ 5, 5, 100 \\ 9, 905 \\ 5, 5, 100 \\ 9, 905 \\ 5, 5, 002 \\ 10, 131 \\ 5, 002 \\ 10, 10, 205 \\ 5, 5, 002 \\ 10, 131 \\ 5, 002 \\ 10, 10, 131 \\ 5, 002 \\ 10, 10, 131 \\ 5, 002 \\ 10, 10, 10, 10, 10, 10, 10, 10, 10, 10,$			9.431	52.113	9.058	\$2.070	9.886	152.026	10.112		ł
			9.009	53.090	9.041	53.052	10.072	53.008	10.304	54	ſ
		1 106	9.707	51.0/9	10.023	3+.033	10.239	03.909	10.494	55	l
		:6.000	9.905	56.046	10.205	6.000	10.445	54.971	10.625	56	L
		57.074	10.321	57.029	10.570	\$6.982	10.818	55.953	11.067	57	ŀ
$ \begin{array}{c} 6: 59.042 & (0.77) [50.997 & (0.93+) [80.947 & [11.191] [38.898 & [11.449], 6c \\ \hline 6: 60.026 & (0.855] [39.997 & (11.105) [59.929 & (11.378), 59.879 & (11.639) 61 \\ \hline 62 & (61.011 & (1.032 & (60.962 & 11.499 & (61.894 & 11.751 & (61.843) & (1.201 & 63) \\ \hline 6.6 & (62.979 & (11.388), (62.928 & (11.663), (62.877) & (11.938), (62.824 & (2.212 & 64) \\ \hline 6.6 & (64.947 & (1.744 & (64.895 & (2.208 & (64.843 & 12.311 & (64.787) & (2.593 & 66) \\ \hline 6.6 & (64.947 & (1.744 & (64.895 & (12.2928 & (64.843 & 12.311 & (65.769) & (2.784 & 67) \\ \hline 6.8 & (65.931 & (11.922 & (65.887 & 12.210 & (65.824 & 12.237 & (65.759) & (12.975 & 68 \\ \hline 6.9 & (67.899 & (12.278 & (67.845 & (12.575 & (68.774 & 13.263 & (67.732 & (13.163 & (69.754 & 13.357 & 70) \\ \hline 6.8 & (65.931 & (12.634 & (69.811 & (12.956 & (67.734 & 13.243) & (69.606 & (13.547 & 71 \\ \hline 7.9 & (68.883 & 12.2756 & (68.774 & 13.243) & (69.606 & (13.547 & 71 \\ \hline 7.9 & (68.835 & 12.2634 & (69.81 & 12.939) & (69.754 & 13.243) & (67.677 & 13.738 & 72 \\ \hline 7.9 & (68.835 & 12.2634 & (67.74 & 13.485 & 72.701 & (13.833 & 72.640 & (14.120 & 74 \\ 72.70.851 & (12.812 & 70.794 & 13.121 & 70.736 & (13.430 & 72.640 & (14.120 & 74 \\ 72.70.851 & (13.860 & 73.664) & (14.706 & 71.659 & (13.929 & 73 \\ 7.7 & 73.803 & 13.346 & 72.761 & 13.667 & 73.684 & 13.983 & 72.640 & (14.120 & 74 \\ 77.73.803 & (13.348 & 77.677 & (14.342 & 77.660) & (14.120 & 74 & 73 & 75.49) & (13.680 & 73.668 & 13.948) & 77.569 & (14.591 & 30.627 & 14.943 & 15.968 & 14.549 & 77.569 & 15.867 & 14.883 & 78 \\ 79.707.739 & (14.433 & 76.694 & 14.714 & 75.649 & 14.362 & 75.58 & (14.692 & 77 & 78 & 56.53 & 13.846 & (14.797 & 78.596 & 14.922 & 78.530 & 15.265 & 80 \\ 81.79.773 & (14.943 & 87.561 & 15.295 & 87.543 & 15.775 & 15.268 & 82.457 & 16.208 & 84 \\ 82.659 & (14.591 & 80.627 & 14.947 & 87.596 & 15.856 & 87.443 & 15.660 & 87.366 & 15.856 & 87.443 & 15.660 & 87.366 & 15.856 & 87.443 & 15.660 & 87.366 & 15.856 & 87.443 & 15.660 & 87.366 & 15.856 & 87.443 & 16.607 & 87.368 & 15.856 & 87.443 & 15.660 & 87.366 & 15.856 & 8$		30.050	10.4991	50.012	10.752	157.900	111.000	157.016	ITT. 2.5X		
$ \begin{array}{c} 62 \\ 63 \\ 61 \\ 61 \\ 61 \\ 61 \\ 61 \\ 61 \\ 61$		59.042	10.077	158.995	10.934	58.947	11.191	58.898	11.449		
$ \begin{array}{c} 0 & 1.995 & 11.2 & 10 & 1.945 & 11.45 & 10 & 1.894 & 11.751 & 01.843 & 12.021 & 63 \\ 64.979 & 11.388 & 62.928 & 11.663 & 62.877 & 11.938 & 63.869 & 12.124 & 63.864 & 12.403 & 65 \\ 65 & 63.965 & 11.566 & 63.971 & 11.845 & 63.869 & 12.124 & 63.866 & 12.593 & 66 \\ 67 & 65.931 & 11.922 & 65.878 & 12.210 & 65.824 & 12.497 & 65.769 & 12.784 & 67 \\ 68 & 66.91 & 11.00 & 66.861 & 12.392 & 66.807 & 12.684 & 66.751 & 12.975 & 68 \\ 96 & 67.899 & 12.287 & 67.85 & 12.574 & 67.788 & 12.870 & 67.732 & 13.657 & 77 \\ 70 & 68.883 & 12.456 & 68.81 & 12.939 & 69.754 & 13.2870 & 67.732 & 13.657 & 77 \\ 71 & 69.867 & 11.634 & 69.811 & 12.939 & 69.754 & 13.243 & 69.696 & 13.547 & 71 \\ 72 & 70.851 & 12.812 & 70.794 & 13.121 & 70.736 & 13.430 & 70.677 & 13.738 & 72 \\ 73 & 71.835 & 12.990 & 71.778 & 13.485 & 72.671 & 13.803 & 72.640 & 14.120 & 74 \\ 74 & 72.819 & 13.168 & 77.671 & 13.485 & 72.640 & 14.150 & 74 \\ 75 & 73.803 & 13.346 & 73.744 & 13.668 & 73 & 684 & 13.989 & 73.624 & 14.310 & 74 \\ 77 & 75.771 & 13.722 & 75.711 & 14.032 & 75.649 & 14.362 & 75.658 & 14.692 & 77 \\ 78 & 76.755 & 13.880 & 76.694 & 14.214 & 76.631 & 14.549 & 76.567 & 14.833 & 78 \\ 79 & 77.739 & 14.235 & 78.660 & 14.579 & 78.596 & 14.922 & 78.530 & 15.265 & 80 \\ 81 & 79.707 & 14.413 & 79.644 & 14.761 & 79.578 & 15.108 & 79.512 & 15.456 & 81 \\ 82 & 80.691 & 14.591 & 80.627 & 14.943 & 80.561 & 15.395 & 83.443 & 16.219 & 83 \\ 81.675 & 14.769 & 81.601 & 15.126 & 81.543 & 15.481 & 82.457 & 15.837 & 83 \\ 84 & 82.659 & 14.947 & 82.593 & 15.308 & 85.61 & 15.395 & 83.443 & 16.218 & 83 \\ 83 & 81.675 & 14.769 & 81.601 & 15.126 & 81.543 & 15.481 & 82.457 & 15.837 & 83 \\ 84 & 82.659 & 14.947 & 82.593 & 15.368 & 85.568 & 15.457 & 15.837 & 83 \\ 84 & 82.659 & 14.947 & 82.593 & 15.368 & 83.548 & 16.219 & 85 \\ 99 & 85.564 & 16.015 & 84.933 & 16.974 & 89.328 & 17.779 & 92 \\ 91 & 89.548 & 16.193 & 89.476 & 16.583 & 89.403 & 16.974 & 89.328 & 17.364 & 91 \\ 99 & 93.484 & 16.995 & 93.492 & 17.495 & 94.315 & 17.966 & 94.325 & 18.129 & 95 \\ 99 & 94.426 & 17.083 & 94.392 & 17.495 & 9$, 61	60.026	10.855	59.979	11.116	59.929	11.378	59.879	11.639	61	
$ \begin{array}{c} 0_{2}, 0_{7}, 0_{1}, 1_{3}, 38 \\ 0_{2}, 0_{2}, 3_{1}, 1_{1}, 0_{5} \\ 0_{5}, 0_{5}, 0_{1}, 1_{1}, 1_{4} \\ 0_{5}, 0_{5}, 0_{5}, 1_{1}, 1_{4}, 0_{5}, 0_{5}, 0_{5}, 0_{5}, 1_{1}, 1_{4}, 0_{5}$		61.011	[1.032	61 00.962	11.299	60.912	11.564	60.861	11.830		
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	61	62.070	11.210	62.028	11.662	62 877	11.751	62 82	12.021	63	
	65	63.963	11.566	63.912	11.845	63.859	12.124	63.806	12.402		ł
$ \begin{array}{c} 67 (65, 931 11, 922 05, 87, 81 2. 210 05, 824 12. 497 05, 769 12, 784 67 \\ 68 (60, 95 12, 100 66, 861 12, 392 66, 807 12, 876 66, 751 12, 975 68 \\ 99 (57, 899 12, 287 67, 885 12, 574 67, 788 12, 870 77, 732 13, 165 69 \\ 70 68, 863 12, 634 69, 811 12, 939 69, 754 13, 243 69, 696 13, 547 71 \\ 72 70, 851 12, 812 70, 794 13, 121 70, 736 13, 430 70, 677 13, 738 72 \\ 73 74, 728 91 53, 168 72, 701 13, 485 72, 701 13, 803 73, 640 14, 120 74 \\ 74 72, 819 13, 168 72, 771 13, 485 72, 701 13, 803 73, 640 14, 150 74 \\ 74 72, 819 13, 168 73, 744 13, 668 73 684 13, 989 73, 652 14, 311 75 \\ 76 74, 787 13, 524 74, 727 13, 850 74, 666 14, 170 74, 664 14, 150 76 \\ 77 75, 771 13, 702 75, 711 14, 032 75, 649 14, 352 75, 655 14, 692 77 \\ 78 76, 755 13, 880 70, 694 14, 214 70, 631 14, 549 70, 676 14, 883 78 \\ 79 77, 739 14, 058 77, 677 14, 473 79, 567 14, 473 79, 5749 15, 037 79 \\ 80 78, 723 14, 235 78, 660 14, 579 78, 596 14, 922 78, 530 15, 265 80 \\ 81 79, 707 14, 413 79, 644 14, 761 79, 578 15, 108 79, 512 15, 456 81 \\ 82 80, 691 14, 591 80, 627 14, 943 80, 561 15, 395 80, 493 15, 646 82 \\ 83 81, 675 14, 769 81, 610 15, 126 81, 543 15, 431 81, 475 15, 837 83 \\ 84 82, 659 14, 947 82, 593 15, 308 85, 561 15, 395 85, 402 16, 600 87 \\ 86 86, 634 15, 123 81, 577 15, 490 83, 568 15, 855 83, 438 16, 219 85 \\ 86 84, 628 15, 303 84, 500 15, 672 84, 493 16, 641 86, 633 16, 91 83 \\ 99 98, 564 16, 015 84, 933 16, 401 88, 421 16, 747 91, 291 17, 743 92 \\ 99 93, 91, 516 15, 349 91, 443 16, 948 91, 368 17, 347 91, 291 17, 745 92 \\ 93 91, 516 15, 549 91, 443 16, 948 91, 368 17, 347 91, 291 17, 745 92 \\ 93 91, 516 16, 549 91, 443 16, 948 91, 3$	66	64 047	11 741	61.80-	12.028	61 840	12 21.1	61 - 0-			1
$ \begin{array}{c} 26 & 67 & 59 & 57 & 56 & 57 & 57 & 57 & 57 & 57 & 57$	67	65.931	11.922	65.878	12.210	105.824	12.407	05.760	12.784		
$\begin{array}{c} 70 & 68 & 883 \\ 12.456 \\ 68 & 883 \\ 12.456 \\ 72 \\ 13.637 \\ 12.634 \\ 13.121 \\ 70.736 \\ 13.243 \\ 13.243 \\ 13.243 \\ 13.243 \\ 13.243 \\ 13.243 \\ 13.243 \\ 13.243 \\ 13.243 \\ 13.243 \\ 13.243 \\ 13.243 \\ 13.243 \\ 13.243 \\ 13.243 \\ 13.243 \\ 13.245 \\ 13.237 \\ 13.245 \\ 13.237 \\ 13.245 \\ 13.237 \\ 13.245 \\ 13.237 \\ 13.245 \\ 13.255 \\ 13.245 \\ 13.245 \\ 13.255 \\ 13.245 \\ 13.255 \\ $. 68	66.915	12.100	66.861	- ~. 394	100.007	12.001	100.741	12.075		Ľ
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	69	69 999	12.278	07.845	12.574	67.789	12.870	67.732	13.166	69	
$\begin{array}{c c c c c c c c c c c c c c c c c c c $		00.003	12.450	6- 0	12.750	00.772				70	ł
$\begin{array}{c c c c c c c c c c c c c c c c c c c $		09.807	12.034	09.811	12.939	09.75+	13.243	69.696	13.547	7 I	
$\begin{array}{c c c c c c c c c c c c c c c c c c c $		71.825	12.012	71.778	12.202	71 710	13.430	70.077	13.738		١.
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	74	72.819	13.168	72.761	13.485	72.701	13.802	72.610	14.120		ľ
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	75	73.803	13.346	73-744	13.668	73 684	13.989	73.622	14.311		ł
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	76	74.787			13.850	74.666	14.170	74.604	14.501		
7070.75513.00070.09414.214170.03114.54970.56714.88779797.754915.074798 7977.73914.03677.67714.473777.754915.07479 8078.72314.23578.66014.475977.78.59614.922778.53015.26580 8179.70714.413799.64414.76179.57815.10879.91215.45681 8280.69145.9914.99180.62714.943 80.56715.476981.61015.126 81.54315.48187.47515.837 83 8482.65914.94783.59315.308 82.5215.56845.834385.45115.4218 81.47515.837 83 8482.65914.94783.59315.308 82.5215.8568 82.45216.213.48185.543 85.49215.854 85.492 85.56415.543 85.492 85.56415.543 87.55015.854 85.492 85.56415.659 85.564 85.56 8				75.711	14.032	76.640	114.262	12 . 28.	14 600		Ľ
$\begin{array}{c c c c c c c c c c c c c c c c c c c $				70.094	14.214	76.631	14.549	76.567	14.883	78	
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	80	78.722		78.660	14.570	77.014	4.735	77.549	15.074	79	
$\begin{array}{c c c c c c c c c c c c c c c c c c c $				70 641	14 76	/0.390	1. 100	/ 0130	13.205		
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	82	80.601	14.501	80.627	14.943	80.561	15.200	/9.512	15.450		ŀ
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	83	81,675	14.769	81.610	15.126	81.543	15.481	81.175	15.827		ľ
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$\begin{array}{c c c c c c c c c c c c c c c c c c c $			15.125	03.57.7	15.490	83.508	15.855	83 438	16.219	ز8	
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	80	84.628	15.303	84.560	15.672	84.491	16.041	84.420	16.410	86	
$\begin{array}{c} \mathbf{s}_{9} \mathbf{s}_{7}, \mathbf{s}_{6} \mathbf{s}_{15}, \mathbf{s}_{37}, \mathbf{s}_{7}, \mathbf{s}_{16} 16, \mathbf{c}_{21} \mathbf{g}_{18}, \mathbf{s}_{43} 16, \mathbf{s}_{01} \mathbf{g}_{18}, \mathbf{s}_{36} \mathbf{s}_{16} \mathbf{s}_{16}, \mathbf{s}_{28} \mathbf{g}_{9} \\ \mathbf{g}_{9} \mathbf{s}_{8}, \mathbf{s}_{64} 16, \mathbf{c}_{15} \mathbf{s}_{8} \mathbf{s}_{49} 16, \mathbf{s}_{65} \mathbf{s}_{18} \\ \mathbf{g}_{9} \mathbf{s}_{15} \mathbf{s}_{16} \mathbf{s}_{16} \mathbf{s}_{19} \mathbf{s}_{19} \mathbf{s}_{16} \mathbf{s}_{16} \mathbf{s}_{16} \mathbf{s}_{18} \mathbf{s}_{16} \mathbf{s}_{16} \mathbf{s}_{16} \mathbf{s}_{18} \mathbf{s}_{16} \mathbf{s}_{16} \mathbf{s}_{16} \mathbf{s}_{18} \mathbf{s}_{16} \mathbf{s}_{16} \mathbf{s}_{16} \mathbf{s}_{16} \mathbf{s}_{16} \mathbf{s}_{18} \mathbf{s}_{16} \mathbf{s}_{19} \mathbf{s}_{16} \mathbf{s}_{16} \mathbf{s}_{16} \mathbf{s}_{16} \mathbf{s}_{16} \mathbf{s}_{16} \mathbf{s}_{19} \mathbf{s}_{16} \mathbf{s}_{16} \mathbf{s}_{16} \mathbf{s}_{19} \mathbf{s}_{16} \mathbf{s}_{16} \mathbf{s}_{16} \mathbf{s}_{16} \mathbf{s}_{16} \mathbf{s}_{16} \mathbf{s}_{19} \mathbf{s}_{16} \mathbf{s}_{16} \mathbf{s}_{16} \mathbf{s}_{16} \mathbf{s}_{16} \mathbf{s}_{16} \mathbf{s}_{19} \mathbf{s}_{16} \mathbf{s}_{16} \mathbf{s}_{16} \mathbf{s}_{19} \mathbf{s}_{16} \mathbf{s}_{17} \mathbf{s}_{17} \mathbf{s}_{16} \mathbf{s}_{17} \mathbf{s}_{17} \mathbf{s}_{16} \mathbf{s}_{17} \mathbf{s}_{18} \mathbf{s}_{18} \mathbf{s}_{18} \mathbf{s}_{18} \mathbf{s}_{18} \mathbf{s}_{18} \mathbf{s}_{19} \mathbf{s}_{18} \mathbf{s}_{18} \mathbf{s}_{19} \mathbf{s}_{18} \mathbf{s}_{18} \mathbf{s}_{19} \mathbf{s}_{18} \mathbf{s}_{18} \mathbf{s}_{19} \mathbf{s}_{19} \mathbf{s}_{18} \mathbf{s}_{18} \mathbf{s}_{19} \mathbf{s}_{19} \mathbf{s}_{18} \mathbf{s}_{18} \mathbf{s}_{19} \mathbf{s}_{19} \mathbf{s}_{18} \mathbf{s}_{18} \mathbf{s}_{19} \mathbf{s}_{18$				86 526	15.054	\$5.473	16.228	85.402	16,600	87	Ľ
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$				87.510	16.210	87 428	16.601	87 26-	10.791		
91 89.548 16.193 89.476 16.583 89.403 16.974 89.328 17.364 91 92 90.532 16.371 90.459 16.766 90.385 17.160 90.310 17.554 92 93 91.516 16.549 91.443 16.948 91.368 17.347 91.291 17.745 93 94 92.500 16.727 92.426 17.130 92.350 17.533 92.273 17.936 94 95 93.484 16.905 93.400 17.312 93.333 17.720 93.255 18.127 95 96 94.468 17.083 94.392 17.495 94.315 17.906 94.236 18.318 96 97 95.452 17.261 95.376 17.677 95.298 18.093 95.218 18.568 97 98 96.436 17.438 96.359 17.859 96.280 18.379 96.189 18.699 58 99 97.420 17.616 97.342 18.041 97.263 18.466 97.181 18.891 99 100 98.404 17.794 98.325 18.224 98.245 18.652 98.163 19.081 100 U E. W. N. S. E. W. N. S. E. W. N. S. U 45 Min. 30 Min. 15 Min. 0 Min. 3	90	88.564	16.015	88 493	16.401	88.421	16.787	88.746	17.172		ľ
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$						80.403	16.07.1	80 228	17 264	- <u>-</u> -	
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	92	90.532	16.371	90.459	1 6 .766	90.385	17.160	90.310	17.554		
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	9,3	91.516	16.549	91.443	10.948	01.968	17.247	01.201	17.745		
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	94	92.500	10.727	92.420	17.130	92.350	\$7.533	92.273	17.936		
$\begin{array}{c} 97 \begin{array}{c} 95.452 \\ 17.261 \\ 98 \\ 96 \\ 436 \\ 17.438 \\ 96.359 \\ 17.859 \\ 99 \\ 97.42 \\ 17.616 \\ 97.342 \\ 18.041 \\ 97.263 \\ 18.279 \\ 96.280 \\ 18.279 \\ 96.199 \\ 18.279 \\ 96.199 \\ 18.699 \\ 18.699 \\ 18.691 \\ 99 \\ 100 \\ 98.404 \\ 17.794 \\ 98.325 \\ 18.224 \\ 18.621 \\ 198.245 \\ 18.652 \\ 98.163 \\ 19.081 \\ 100 \\ 100 \\ 18.466 \\ 97.181 \\ 18.891 \\ 99 \\ 100 \\ 98.404 \\ 17.794 \\ 98.325 \\ 18.224 \\ 18.652 \\ 98.163 \\ 19.081 \\ 100 \\ 10$	-					10 000				95	
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$					17.495	94.315	17.906	94.236	18.318		
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$				96.2 40	17.800	95.298	18.270	95.218	18.508	97	
$\frac{100 98.404}{98.404} \underbrace{17.794 98.325}_{45} \underbrace{18.224 98.245}_{18.052} \underbrace{18.652}_{98.163} \underbrace{98.163}_{19.081} \underbrace{1000}_{1000} \underbrace{18.052}_{45} \underbrace{98.163}_{19.081} \underbrace{1999}_{1000} \underbrace{18.652}_{1000} \underbrace{98.163}_{1000} \underbrace{1999}_{1000} \underbrace{1999}_{1000} \underbrace{1999}_{1000} \underbrace{1999}_{1000} \underbrace{1999}_{1000} \underbrace{1999}_{1000} \underbrace{18.652}_{1000} \underbrace{98.163}_{1000} \underbrace{1999}_{1000} 19$	99	97.420	17.616	97.342	18,041		18.466	97.181	18.801	- 1	
45 Min. 30 Min. 15 Min. 0 Min.	100			-	- The second sec	98.245	18.652	98.163	19.081	100	
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$\begin{array}{c} 1.962 \\ 2.1962 \\ 0.396 \\ 1.966 \\ 0.396 \\ 1.956 \\ 0.396 \\ 1.956 \\ 0.396 \\ 1.958 \\ 0.396 \\ 1.958 \\ 0.396 \\ 1.958 \\ 0.396 \\ 1.958 \\ 0.397 \\ 0.617 \\ 1.958 \\ 0.397 \\ 0.617 \\ 1.958 \\ 0.397 \\ 0.617 \\ 1.958 \\ 0.397 \\ 0.617 \\ 1.958 \\ 0.397 \\ 0.518 \\ 1.958 \\ 1.958 \\ 1.958 \\ 1.958 \\ 1.958 \\ 1.958 \\ 1.958 \\ 1.958 \\ 1.958 \\ 1.958 \\ 1.958 \\ 1.958 \\ 1.958 \\ 1.958 \\ 1.958 \\ 1.429 \\ 1.4895 \\ 1.018 \\ 1.429 \\ 1.4895 \\ 1.018 \\ 1.429 \\ 1.4895 \\ 1.018 \\ 1.429 \\ 1.4895 \\ 1.018 \\ 1.429 \\ 1.4895 \\ 1.018 \\ 1.429 \\ 1.4895 \\ 1.429 \\ 1.4895 \\ 1.018 \\ 1.429 \\ 1.4895 \\ 1.4895 \\ 1.018 \\ 1.4895 \\ 1.018 \\ 1.4895 \\ 1.018 \\ 1.4895 \\ 1.018 \\ 1.4895 \\ 1.444 \\ 1.738 \\ 2.324 \\ 1.444 \\ 1.738 \\ 2.324 \\ 1.444 \\ 1.738 \\ 2.324 \\ 1.444 \\ 1.738 \\ 2.324 \\ 1.444 \\ 1.738 \\ 2.324 \\ 1.444 \\ 1.738 \\ 2.324 \\ 1.444 \\ 1.738 \\ 2.344 \\ 1.1738 \\ 2.324 \\ 1.444 \\ 1.738 \\ 2.344 \\ 1.1738 \\ 2.324 \\ 1.444 \\ 1.738 \\ 2.344 \\ 1.1738 \\ 2.344 \\ 1.1738 \\ 2.344 \\ 1.1738 \\ 2.344 \\ 1.1738 \\ 2.344 \\ 1.444 \\ 1.1738 \\ 2.344 \\ 1.1738 \\ 2.344 \\ 1.1738 \\ 2.344 \\ 1.444 \\ 1.4738 \\ 2.344 \\ 1.444 \\ 1.469 \\ 2.399 \\ 1.468 \\ 2.358 \\ 1.468 \\ 2.358 \\ 1.468 \\ 2.358 \\ 1.468 \\ 2.358 \\ 1.468 \\ 2.358 \\ 1.487 \\ 2.548 \\ 1.389 \\ 1.568 \\ 1.569 \\ 2.578 \\ 1.487 \\ 2.548 \\ 1.487 \\ 2.548 \\ 1.568 \\ 1.568 \\ 2.578 \\ 2.548 \\ 1.487 \\ 2.548 \\ 1.568 \\ 1.568 \\ 2.547 \\ 2.548 \\ 1.487 \\ 2.548 \\ 1.568 \\$	s.
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$\begin{array}{c} 1 & 9 & 8 \cdot 8 \cdot 7 & 1 \cdot 756 & 8 \cdot 819 & 1 \cdot 794 & 8 \cdot 811 & 1 \cdot 833 & 8 \cdot 6031 & 1 \\ 7 \cdot 7 & 9 \cdot 8066 & 1 \cdot 951 & 9 \cdot 799 & 1 \cdot 994 & 9 \cdot 790 & 2 \cdot 036 & 9 \cdot 781 & 2 \\ 11 & 10 \cdot 789 & 2 \cdot 146 & 10 \cdot 779 & 2 \cdot 193 & 10 \cdot 770 & 2 \cdot 240 & 10 \cdot 760 & 2 \\ 12 & 11 \cdot 759 & 2 \cdot 536 & 12 \cdot 779 & 2 \cdot 292 & 11 \cdot 749 & 2 \cdot 444 & 11 \cdot 738 & 2 \\ 13 & 12 \cdot 750 & 2 \cdot 536 & 12 \cdot 779 & 2 \cdot 292 & 11 \cdot 779 & 2 \cdot 624 & 12 \cdot 716 & 2 \\ 14 & 13 \cdot 731 & 2 \cdot 731 & 13 \cdot 719 & 2 \cdot 791 & 13 \cdot 707 & 2 \cdot 851 & 13 \cdot 694 & 2 \\ 15 & 14 \cdot 712 & 2 \cdot 926 & 14 \cdot 699 & 2 \cdot 991 & 14 \cdot 686 & 3 \cdot 055 & 14 \cdot 672 & 3 \\ 16 & 15 \cdot 693 & 3 \cdot 12 & 17 \cdot 5679 & 3 \cdot 190 & 15 \cdot 565 & 3 \cdot 258 & 15 \cdot 560 & 3 \\ 17 & 16 \cdot 657 & 3 \cdot 317 & 16 \cdot 659 & 3 \cdot 389 & 16 \cdot 644 & 3 \cdot 462 & 16 \cdot 659 & 3 \\ 17 & 16 \cdot 573 & 3 \cdot 512 & 17 \cdot 5639 & 3 \cdot 589 & 17 \cdot 623 & 3 \cdot 666 & 17 \cdot 607 & 3 \\ 19 & 18 \cdot 655 & 3 \cdot 907 & 18 \cdot 619 & 3 \cdot 788 & 18 \cdot 602 & 3 \cdot 869 & 18 \cdot 58 & 3 \\ 20 & 19 \cdot 516 & 4 \cdot 97 & 20 \cdot 560 & 4 \cdot 276 & 20 \cdot 561 & 4 \\ 21 & 20 \cdot 596 & 4 \cdot 4877 & 22 \cdot 538 & 4 \cdot 887 & 23 \cdot 578 & 4 \cdot 887 & 23 \cdot 476 & 4 \\ 24 & 23 \cdot 539 & 4 \cdot 887 & 23 \cdot 518 & 4 \cdot 887 & 23 \cdot 476 & 5 \\ 25 & 24 \cdot 50 & 5 \cdot 72 & 2 \cdot 588 & 5 \cdot 882 & 27 \cdot 88 & 5 \cdot 58 \\ 27 & 26 \cdot 881 & 5 \cdot 673 & 26 \cdot 478 & 5 \cdot 88 & 26 \cdot 476 & 5 \cdot 99 \\ 26 \cdot 27 & 26 \cdot 88 & 5 \cdot 633 & 26$	663 8
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27 26.481 5.267 26.458 5.383 26.434 5.498 26.410 5. 28 27.462 5.463 27.438 5.582 27.413 5.702 27.388 5. 29 28.443 5.658 28.418 5.782 28.392 5.906 28.366 6.	
28 27.462 5.463 27.438 5.582 27.413 5.702 27.388 5. 29 28.443 5.658 28.418 5.782 28.392 5.906 28.366 6.	
29 28.443 5.658 28.418 5.782 28.392 5.906 28.366 6.	822 28
	029 29
30 29.424 5.853 29.398 5.981 29.371 0.109 29.344 0.	237 30
	445 3 I
32 31.38 6.243 31.358 6.380 31.329 6.517 31.301 6.	653 32 861 33
33 32.300 0.430 32.330 0.379 3.309 0.70	861 33 069 34
	277 35
30 31 3 1 3 1 3 1 3 1 3 1 3 1 3 1 3 1 3	485 36
27 26 280 7 218 26 267 7.277 26.226 7.535 36.191 7.	693 37
38 37.270 7.413 37.237 7.576 37.204 7.738 37.170 7.	901 38
39 38.251 7.609 38.217 7.775 38.183 7.942 30.140 0.	109 39 316 40
	524 41 732 42
	940 43
44 43.155 8.584 43.117 8.772 43.078 8.960 43.038 9.	148 44
45 44.135 8.779 44.097 8.972 44.057 9.164 44.017 9.	356 45
46 45.116 8.974 45.077 9.171 45.036 9.368 14.995 9.	564 46
47 46.097 9.169 46.056 9.370 46.015 9.571 45.973 9.	772 47 980 48
	188 49
49 48.058 9.559 48.016 9.769 48.973 9.975 47.929 10. 50 49.039 9.755 48.996 9.968 49.952 10.182 48.907 10.	
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17	N. S.IE. W.	N. S.E. W.	N. S.E. W.	N. S.IE. W.	#
51	50.026 9.950	+9.976 10.168	49.931 10.386	49.886 10.603	51
52	51.001 10.149	50.956 10.367	50.91C 10.589 51.885 10.793 52.868 10.997 53.848 11.200	50.864 10.811	52
	51.982 10.340	51.936 10.567	51.88, 10.793	51.842 11.019	53
	52.962 10.53	52.910 10.70	52.808 10.997	52.82011.227	54
55	53.943 10.730	53.89010.905	53.840 11.200	53.798 11.435	55
	54.924 10.925	54 876 11.165	54.827 11.404 55.806 11.608	54.77611.643	56
57	55.905 11.120 56.886 11.315	6 826 11.504	55.80011.008	55.754 11.851	57
5° 59	57.866 11.010	57.816 11.763	57.764 12.010	57.71112.207	58
60	58.847 11.70	57.816 11.763 58.795 11.962	58.743 12.219	58.680 18.475	59 60
62	50.809 12.09	50.755 12.361	60.701 12.626	00.645 12.801	62
63	61.789 12.29	51.735 12.560	61.680 12.829	61.623 13.098	63
64	62.770 12.480	50.755 12.361 51.735 12.560 62.715 12.760 63.695 12.959	62.659 13.033	62.601 13.306	64
	03.751 12.681	03.09; 12.959	03.03813.237	03.58013.514	65
66	64.732 12.876	64.675 13.158	64.617 13.440	64.558 13.722	66
67	05.71313.071	55.655 13.358 56.635 13.557	05.59613.644	05.53613.930	67
	67.674 13.46	57 61 612.766	67.554 14.051	67 40214 246	
69 70	68.655 13.656	68.50513.956	68.533 14.255	68.470 14.554	69 70
	69.636 13.851		69.512 14.459		
71 72	70.617 14.047	70.555 14.351	70.401 14.662	70.427 14.070	71
73	71.597 14.242	70.555 14.354 71.535 14.554	71.470 14.866	71.405 15.178	73
74	78.578 14.437	72.514 14.753	72.449 15.069	72.383 15.385	74
75	73-559 14.032	73.494 4.953	73.420 15.273	73.301 15.593	75
76	74.540 14.827	74-474 15.152	74.407 15.477	74-339 15.801	76
77	75.520 15.022	75.454 15.351 76.434 15.551	75.387 15.680	75.31716.009	77
78	70.50115.21	70.434 5.551	70.300 15.884	70.296 10.217	78
79 80	78.46; 15.60;	77.414 15.750	78.324 16.291	78.26216 622	79 80
		and the second division of the second divisio	and the second s		
	79.444 15.801 80.424 15.997	79.374 16.149	30.282 16.699	80 803 12.040	81 82
82	81.405 16.195	81.334 16.548	81.261 16.902	81.186 17.207	83
84	82.386 16.386	81.334 16.548 82.314 16.747	82.240 17.106	88.164 17.465	84
85	83.367 16.58	83.294 16.946	83.219 17.310	83.14:17.672	85
86	84.34 16.77	84.274 17.146	84.198 17.513	84.121 17.88c	86
87	85.328 16.97	85.253 17.345 86.233 17.544	85.177 17.717	85.099 18.088	87
88	86.309 17.168	86.233 17.544	80.156 17.920	86.077 18.296	88
89	87.290 17.303 88.271 17.55	87.213 17.744	88.114 18.328	88.03318.712	89
<u>9</u> c	88.271 17.55	88.193 17.943	00.114 10.320	88,03318./12	90
91	09.25117.75	89.173 18.142 90.153 18.342 91.133 18.541 92.113 18.741 93.093 18.940	9.093 18.531	80 000 10 10	91
92	01.21218.14	190.153 10.342	91.051 18.020	00.068 10.226	9 2 93
93	92.194 18.33	92.113 18.741	92.030 19.142	91.946 19.544	93. 94
95	93.175 18.534	93,093 18.940	93.009 19.346	92.924 19.752	95
96	94.155 18.720	94.073 19.139	95.988 19.550	93.902 19.960	96
97	95.130 18.924	195.053 19.339	194.9071 9.753	94.550 20.107	97
98	96.117 19.119	96.033 19.538	95.946 19.957	95.858 20.375	98
99	97.098 19.31	97.013 19 737	96.926 20.101	96.837 20.583	99
100		97.992 19.937	97.905 20.364	Concession of the local division of the loca	100
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17	N. S.	E. W.	X. S.	E. W.	N. S.	E. W.	N. S.	E. W.	
	0.977	0.212	0.970	0.216	0.975	0.221	0.974	0.225	
2	1.954	0.424	1.953	0.433	1.951	0.441	1.949	0.450	2
3	2.932		2.929	0.649	2.926	0.662	2.923	0.675	3
4	3.909 4.886	0.849 1.061	3.yo5 4.881	0.866 1.082	3.901	0.883 1.103	3.897	0.900	4
5					4:877		4.872	1.125	5
6	5.863 6.841	1.273 1.485	5.858 6.834	1.299	5.852 6.827	1.324		1.350	6
78	7.818		7.810	1.5 {5 1.732	7.803	1.545 1.766	6.821	1.575	7
9	8.795		8,787	1.948		1.986		2.025	
1 10	9.772		9.763	2.164	9.753	2.207			9 10
11	10.750	2.334	10:739	2.381	10.729	2.428	10.718	2.474	11
1 12			11.716		11.704	2.648	11.692	2.099	12
13	12.704		12.692	2.814	12.679	2.869	12.667	2.924	13
14	13.681		13.668		13.655		13.641	3.149	14
15			14.644		14.630	3.310	14.616	3.374	ТŚ
16		3.395	15.621	3.463	15.605	3.531	15.590	3.599	16
17			16.597	3.079	16.581 17.550	3.752	16.564		17
18	17.590		17.573 18.550	3.090	17.550	3.973	17.539	4.049	18
19		4.031	19.526		10.531		18.513	4.274	. 19
20			20.502					4.499	20
21	20.5 2 2 21.499	4.450	21.470	4.545	20.482 21.457 22.433	4.035	20.462	4.724	21
22		4.880	21.479 22.455	4.978	22.422	6.070	21.436 22.411	4.949 5.174	22
24	1 i	5.092	23.431	5.195	23.408	5.207	23.385	5 399	29 24
25	Ja	5.304	24.408		24.384	5.517	24.359	5.624	25
	25.408		25.384	5.627	25.359		25.334	5.849	20
27	2 (0)	5.720	26.360	5.8AA	26.224	5.050	26.308	6.074	27
	27.362	5.94 r	27.336	6.000	27.310	0.180	27.282	6.299	28
29			28.313	0.277	28.285	6.400	28.257		29
30	_	1	29.289	6:493	29.260	6.621	29.231	6.748	30
31	30.294	6.578	30.265		30.236			6.973	31
32	31.271	6.790	31.242		31.211	7.062	31.180	7.198	32
33	32.249	7.002	32.218		132.186	7.283	32.154	7.423	33
	33 220 34.203	7.426	34.170		33.162 34.137		33.129 34.103		34
35	35.180			the second se			1-1-1-	8.098	35
30	36.158	7.801	35.147 36.123	8.008	35.112	8.166	35:077	8.323	36
37	37.135	8.062	32.000	8.225	37.063	8.387	30.052 37.026	8.548	37 38
30	38.112	8.275	38.076		38.038	0.007	38.000	8.773	39
40	39.089	8.487	39.052		39.014	8.828	38.975	8 498	40
	40.066	8.699	40.028	8.874	39.989		39.979	9.223	41
1 42	41.044	8.912	41.005		40.964	9:269	40.924	9.448	42
43	42.021	9.124	41.981		41.940	9.490	41.898	9.673	43
	42.998	9.336	42.957		42.915	9.711	42.872	9.898	44
-	43.975	9.548	<u>43.933</u>		43.890		43.847		45
	44.953	9.760	44.910	9.956	44.860	10.152	44 821	10.348	46
	45.930		45.000	10.173	45.841	10.373	45.795	10.573	47
48	40.907	10.185	17.820	10.509	47.202	10.594	46.770 47 ·74 4	11.022	48 49
49	48.861	10.609	48.815	10.822	48.767	11.020	48.718	J1.217	49 50
		N. S.	E. W.		E. W.		E. W.		
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	49.839	10.021	49.791	11.255	49.742	11.256	49.093		1 و 2 و
1 53	51.702	11.2.16	\$1.74A	11.471	51.602	11.607	51.642		53
54	\$2.770	11.458	152.720	11.688	58.668	11.918		12.147	54
: 59	53.748	11.670	53.696	11.904	53.044	12.138	53.590	12.372	55
	54.725		54.673		54.619	12.359	54.565	12.597	56
57	55.702	12.094	55.649	12.337	55.594	12.580	55.539	12.822	57
1 50	50.079	12.306	50.025	12.554	50.570	12.801	56.513		58 59
6	58.634	12.731	58.578	12.986	58.520	13.242	58.462	13.497	60
6	50.611	12.013	59.554	13.203	\$9.406	13.462	59.437	13.722	61
62	60.588	13.155	60.531	13.419	60.471	13.463 13.683	60.411	13.947	62
63	61.565	13.367	61.507	13.636	61.446	13.904 14.125	61.385	14.172	63
64	02.543	13.580	02.483	13.852	62 202	14.125	02.360	4.397	64
	63.520	-3.792	63.459	-4.009	61	14.345	6.334	14.022	63
1 00	04.497	14.004	66 412	14.285	66 248	14.566 14.787	04.308	14.847	66 67
68	66.452	14.428	66.188	14.718	66.323	15.008	66.257	16.207	68
69	67.429	14.640	67.365	14.934	67.298	15.228	67.232	15.522	69
70	68.406	14.853	68.341	15.151	68.274	15.449	68.206	15.746	70
	69.383	15.065	69.317	15.367	69.249	15.670	69.180	15.971	71
	70.361					15.890			72
73	71.338	15.409	72.246	15.000	72.176	16.111 16.332	71.129	16 646	73 74
75	73.202	15.914	73.222	16.233	73.150	16.552	73.078		75
1 71	74 260	16.120	74.100	16.440	74.126	16 771	74 000	17.096	76
77	75.248	16.338	75.175	16.666	75.101	16.994 17.215	75.026	17.321	77 78
78	76.224	16.550	76.151	16.882	76.077	17.215	76.001		
1 79	77.201	10.702	77.128	17.099	77.052	17.435	70.975	17.771	79 80
				17.315				17.996	
87	79.150	17.187	80.017	17.532	79.003	17.877	78.924	18.221	81 82
83	81.110	17.611	81.033	17.965	80.053	18.097 18.318 18.539	80.873	18.671	83
84	82.087	17.823	82.000	18.181	81.929	18.539	81.847	18.896	84
85	83.005	10.035	02.505	18.397	82.904	18.759	02.821	19.121	85
86	84.042	18.247	\$3.962	18.614	83.879	18.980	83.796	19.346	86
87	as,ory	18.40	84.938	18.830	84.855	19.201 19.422	84.770	19.571	87 88
80	86.07	18.884	86.801	19.262	86.800	19.422	86.710	20:021	89
00	87.951	19.096	87.867	19.480	87.781	19.863	87.693	20.245	90
101	88.028	19.308	88.842	19.696	88.776	20.084	88.668	20.470	91
01	89.005	19.521	89.820	19.912	89.731	20.304	84.642	20.695	92
93	90.882	19.733	90.790	20.129	90.707	20.525	go.616	20.420	93
94	91.86c	19.945	91.772	20.345	91.632	20.746 20.966	91.591	21.145	94
									95
90	93.814	20.369 20.681	93.725	20.778	93.032	21.187	93.540	21.595	96
1 37	194.791	20.701	95.677	21.211	94.000	21.408 21.629	94.514	22.044	97 98
1 00	46.746	21.000	196.654	21.428	96.559	21.849	196.463	22.270	99
100	97.723	21.218	97.630	21.6.14	97.534	22.070	97.437	22.495	100
6		N. 5.	E. Ŵ,	N. Ś.	É. W.		E . W.		ø
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.₽	N. S	E. W.	IN. S.	Ł. W.		E. W.		E. W.	Dift.
	0.973	0.820	0.972						
2	1.947	0.45	r.945	0.233	0.971	0.238	0.970	0.242	1
3			2.917	0.700	1.943 2.914	0.475	1.941 2.911	0.484	2
4			3.88,	0.934	3.885		3.881	0.726	3
5			4.862	1.167	4.857	1.188	4.851	1.210	4
6		1.375	5.834	1.401	5.828				6
2			6.807	1.634	6.799		6.792	1.452 1.693	
8	7.787	1.834	7.779	1.865	7.771	1.902	7.762	1.935	7 8
9			8.751	2.101	8.742		8.733	2.177	9
10	_		9.724	2.33+	9.713	2.377	9.703	2.419	10
11			,10.696	2.502	10.685	2.615	10.673	2.661	11
	11.681		111.668		11.656	2.852	11.644	2.903	12
	12.651		12.64		12.627	3.090	12.614	3.145	13
	13.627	3.200	13.613	3.268	13.599	3.328	13.584	3.387	14
15			14.586	_	14.570		14.554	3.629	15
	15.574		15.558	3.735	15.541	3.803	15.525 16.495 17.465 18.436	3.871	16
	16.547		16.530	3.969	16.513	4.041	16.495	4.113	17
1 10	17.521		17.503		17.484	4.278	17.465	4.855	18
	19.468		18.475		18.455	4.510	18.436	4.596	19
	the second se	-	19.447	the second second	19.427		19.406	4.838	20
21			20.420		20.398	4.991	20.376	5.080	21
1	22.388		21.392		21.369	5.229	21.347 22.317 23.287	5.322	82
	23.361		28.365 23.337		22.341	5.407	22.317	5.564	23
25			24.309		24.283	5.942	24.257	5.800	24 25
	25.308		· · · · · · · · · · · · · · · · · · ·					6.048	
27			25.282		25.255		25.228 26.198	6.290	26
	27.255		27.226		27.198		27.168	6.532	27 28
29			28.199		28.160		28.139	6.774 7.016	29
30	29.201		29.171		29.140		29.109	7.258	30
31	30.175	7.105	30.143		30.112	-	30.079	7.500	31
	31.148		31.116	7.470	31.083	7.606	31.050	7.741	32
33	32.122		32.088		32.054	7.814	32.020	7.983	33
34	33.095		33.061		33.026		32.990	8.225	34
35	34.068	8.022	34.033	8.171	33.997		33.960	8.467	35
	35.042		35.005	8.404	34.968	8.557	34.931	8.709	36
37	36.015	8.48c	35.978	8.638	34.968 35.940	8.795	35.901	8.951	37
	36.988	8.710	130.950	8.871	36.011	9.022	36,871	9.193	38
39	37.962 38.935	8.939 9.168	37.922	9.105	37.832 38.854	9.270	37.842	9.435	39
			38.895				38.812	9.677	40
	39.909	9.397	39.867	9-571	39.825	9.745	39.782	9.919	41
	40.882	9.020	47.840 41.812	9.805	40.796	9.983	10.753		42
43	41.855 42.820	9.050	42.784	10.038	41.768	10.821		10.403	43
41	43.802	10.314	43.757	10.272	42.739		42.693 43.663	10.644 10.886	44 45
46		10.543				10.696			46
10	45.740	10.772	44.729 45.701	110 072				11.128	40
48	46.722	11.002	46.674	11.906	45.053	11.171		11.370 11.612	48 48
40	47.696	11.231	47.646	11.420	47.024	11.647	40.574	11.854	49
50	48.669	11.460	47.646 48.618	11.672	48.567	11.884		12.096	50
	E. W.	N. S.	E.W.	N. S.	E. W.		E. W.	-	
Dift.	45	Min.		Ain.		Min.		lin.	Dift.
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		Min.	30	<u>Mm.</u>		Min.	01	Min.	E.	
· ·	N.S	E. W.	N. S	E. W.	N. S.	E. W.	N. S.	E. W.		
51	49 64.	11.689	+9.591	11.906	49.538	12.122	49.484	12.338		
52	50.616	11.918	50.563	12,139	50.510	12.360	50.456	12.580	51 52	
53	51.580	12.148	¢1.536	12.373	\$1.481	12.008	\$1.426	12.822	53	
	52.563	12.377	52.508	12.006	52.452	12.835	52.396	13.064	6 1	
55		12.696				_				
56	54.500	12.835	54.453	13.073	54.395	13.311	54.337	13.548	56	
57	55.483 56 45t	13.004	55.425	13.307	55.300	13.548	55.307	13.789	57 58	
50	57.429	13.294	57.37C	12.774	50.338	13.700	50.277	14.031	-	
	58.403	13.752	58.342	14.007	\$8.280	14.261	\$8.218	14.516	59 60	
	59.376				59.252				1	
62	60.3:0	14.210	60.287	14.474	60.222	14.727	60.140	14.000	61 62	
63	60.35C 61.323	14.440	61.259	14.707	61.194	14.971	61.120	15.241	63	
64	62.296	14.669	02.232	14.941	62.166	15.212	62:09	15.483	64	
6;	63.270	14.898	63.204	15.174	65.137					
66	64.2.43	15.127	64.176	15.408	64.108	15.688	64.040	15.967	66	
67	65.216 66.190 67.163	15.356	65.149	15.641	65.080	15.923	65.010	16.209	67	
68	66.190	15.586	66.121	15.875	66.051	16.163	65.980	16.451	68	
	69.103	15.815	68 064	16.108	07.022	10.401	06.95	16.692	69	
70		16.044		10.341	67.994	10.038	07.92	10.934	_70	
	69.110	16.273	69.038	16.575	68.965	16.876	68. 8 9	17.176	71	
	70.083	10.502	70.011	10.808	09.936	17.114	09.862	17.418	72	
	7 1.05 7 7 2.03 0		70.983	17.042	70.908	17.351	70.832	17.000	1 1 3	
	73.003		72.928	17.00	71.879 72.850	17 807	72.772	17.902		
	73.977						-			
	74.950		73.900	17.076	73.822	18.004	73.743	18.386	76	
	75.924			18.209	74.793 75.765	18.540	75.68	18.870	77	
	76.89-		76.817	18.443	76.736	18.778	76.654	19.112	79	
80	77.87C	18.336	77.790		77.707	19.015				
81	78.844	18.565	78.762	18.909	78.679					
82	79.817	18.794	79.734	19.143	70.600	10.401	79.564	110.827	80	
83	80.791	19.024	80.707	19.376	80.621	19.728	80.530	20.070	83	
84	81.764	19.253	81.679	19.010	81.593	19.966	81.505	20.321	84	
	82.737	19.482	82.651	19.643				20.563	85	
80	83.711	19.711	83.624	20.077	83.535	20.441	83 446	20.805	86	
87	81.684	19.940	84.596	20.310	84.507	20.670	84.416	21.047	87	
80	85.657 86.631	40.170	86.509	20.777	86 478	20.917	86.357	21.289		
00	87.604	20.628	87.513	21.010	87.421	21.902	87.327	21.531	89	
	88.578		88.486	21.244		21 60	88	120.01	90	
	89.551	21.086	89.458	81.477	88.392 89.363	21.03C	80 269	22.015	91	
93	90.524	21.316	90.490	21.711	90.224	22.104	00.278	22.499	92 93	
94	91.498	21.545	91.403	21.944	91.306	22.342	91.208	22.740	93 94	
95	92.471	21.774	92.375	22.178	92.277	22.581	92.178	22.982	95	
	93.444	22.003	93.348	22.411	03.240	22.818	07.140	22.224	06	
97	94.118	22.222	94. 720	22.045	04 920	22.016	04. I IC	22.466	07	
98	95.391	22.402	95.292	22.878	95.191	23.294	95.089	23.708	60	
99	90.305	22.091	,90.205	23.112	96.163	23.531	90.060	23.950	90	
100	1100		97.237	*3.345					100	
Ŗ	E. W.	N. S.		N. S.	E. W.	_	E. W.			
P	45	Min.	30	Min.	15	Min.	0 1	Ain.	Dia	
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f	9	N. S.	E. W.	N. S.	E. W.	N. S.	E. W.	N. S	[E. W.	₽
Γ	I	0.969	0.246	0.968	0.850	0.967	0.255	0.96	0.259	1
	2	1.938	0.492			1.934	0.509	1.93	0.518	2
I	3	2.908	0.738		0.751	2.901	0.764	2.89		3
ł	4	3.877	·0.985		1.002	3.868	1.018	3.86		4
L	5	4.846	1.231	4.841	1.252	4.835	1.273	4.830	1.294	5
Ł	6	5.815	1.477	5.809	1.502	5.802	1.528			6
L	7 8	6.785	1.723	6.777	1.753	6.769	1.782		4	7
Ł		7.754	1.969		2.003	7.736	2.037	7.72		8
	9 10	8.723 9.692	2.215 2.461	8.713 9.681	2.253 2.504	5.703 9.670	2.291	8.693 9.659		9
-	~	_					2.546			10
		10.662 11.631		10.650	2.754	10.638	2.801	10.62		11
		12.600		11.618 12.586		11.605	3.055	11.591		12
		13.569		13.554		12.572 13.539	3.564	12.523		13 14
		14.538		14.522	3.756	14.506	3.819	14.480		15
-	_	15.508		15.490		15.473	4.074	15.45		16
		16.477		16.459		16.440	4.328	16.42		17
		17.446		17.427		17.407	4.583	17.38;		18
		18.415		18.395		18.374	4.837	18.35		19
L	20	19.385	4.923	19.363	5.008	19.341	5.092	19.319	5.176	20
Γ	21	20.354		20.331	5.258	20.308	5.347	20 28	5.435	21
		21.323	5.415	21.299 22.267	5.508	21.275	5,601	21.250		22
		22.292	5.661	22.267	5.759	22.242	5.856	22.21		23
		23.262		23.236	6.009	23.209	6.110	23.182		24
		24.231		24.204	6.259	24.176	6.365	24.14		25
		25.200		25.172	6.510	25.143	6.620	25.114		26
		26.169		26.140		26.110	6.874	26.08		27
		27.138 28.108		27.108 28.076	7.011	27.077	7.129	27.04 28.01	7.247	28
		29.077		29.044	7.261	28.044 29.011	7.303	28.978	7.765	29 30
-	_		-				The second s			
		30.04 6 31.015		30.013 30.981		29.979 30.946	7.893	29.944 30.910	8.282	31
		31.985	8.122	31.949		31.913	8.402	31.876	8.541	32 33
		32.954	8.260	32.917	8.513	32.880		32.842		34
		33.923		33.885		33.847	8.911		9.059	35
-	-	34.892	-	34.853	9.014	34.814		34.77	and the second division of the second divisio	36
		35.862	9.108	35.822	9.264	35.781	9.420	35.739	9.576	37
	38	36.831	9.354	36.790	9.514	36.748	0.674	120.704	9.835	38
		37.800	9.600	37.758	9.765	27.716	0.020	37.071	10.004	39
-	I	38.769	the second se	38.726	10.015	38.682	10:184	38.037	10.353	40
		39.738		39.694		39.649	10.439	39.603	10.612	41
				40.662			10.693	40.56	10.870	42
	43	41.077	10.584	41.630	10.766	41.583	10.948	41.53	11.129	43
ľ	4 4	47 61-	10.831	42.599	11.017	42.550	11.202	42.50	11.388	44
		43.615		43.567		Concession of the local division of the loca	_		11.647	45
Ľ	40	44.585	11.323	44.535	11.517	44 484	11.712	44.433	11.906	46
ľ	47	45.554	11.509	45.503	11.708	45.451	11.900	45.395	12.165	47 48
ľ	# °	40.513	12.061	40.471	12 260	40.418	12.481	47.32	12,682	40
	50	48:461	12.307	48.407	12.510	48.262	12.770	48.20	12.941	50
r	-	E. W.		E. W.	_	E. W.			N. S.	
15	ş		Min.		Min.		lin.		Min.	bin.
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-				egrees.	1	-	The second se	egrees.	
1:4	15 Mi	n		Min.	45			lin.	Dift.
_	N. S. E.	W.	N. S.	E. W.	N. S.	Ł. W.		E. W.	
51	49.431 12	.554	49.376	12.769	49.320	12.985	49.262	13.200	51
52	50.400 12	.800	50.344	13.020	50.287	13.239	50.228	13.459	52
53	51.369 13 52.338 13	202	51.312	13.270	22 221	13.494	52.194	13.717	53
	53.308 13	. 5 3 8	53.248	12.771	53.188	14.002	\$3.126	14.220	54
55		_						_	55
56	54.277 13 55.246 14	021	54.210	14.021	54.135	14.258	55.05	14.494	50
28	\$6.215 14	.277	56.152	14.522	56.080	14.767	50.02.	15.012	57
10	56.215 14	. 523	57.121	14.772	57.056	15.021	56.990	15.270	59
60	58.154 14	.769	58.089	15.023	58.023	15.276	57.956	15.529	60
61	59.123 15	.015	59.057	15.273	58.990	15.531	58.922	15.788	6
62	60.092 15	.261	60.025	15.524	59.957	15.785	59.888	16.047	62
63	60.092 15 61.061 15	.507	60.993	15.774	00.924	16.040	60.854	16.306	63
64	02.03115	.754	01.962	10.024	01.891	10.291	01,820	16.564	64
	63.000 16							16.823	65
66	63.969 16	.246	63.898	16.525	63.825	16.804	63.751	17.082	66
67	64.938 16	.492	64.866	16.775	64.792	17.058	64.717	17.341	
28	65.908 16	.738	05.834	17.026	05.759	17.313	05.083	17.600	
09	66.877 16	.984	67 770	17.270	67 603	17.507	67 61	17.859	69
-	67.84617					17.822			70
71	68.815 17	477	60.739	17.777	60 629	18.077	60.581	18.376	71
72	69.785 17 70.754 17	060	70 675	18 278			70 517	18.635	72
	71.723 18								73
75	72.692 18	.461		18.778		10.005	72.44	19.411	74
76	73.661 18		73.579		73.496				
	74.63118				74.462	10.604	74.377	19.020	76
78	75.600 19	.200	75.516	19.520	75.430	10.800	75.343	20.188	78
79	76.569 19	.446	76.482	19.780	76.397	20.113	76.30	20.447	79
80	77.538 19	.692	77.452	20.030	77.364	20.368	77.274	20.706	80
81		.938	78.420	20.281	78.331	20.623	78.240	20.964	81
82	79.477 20	.184	79.388	20.531	79.298	20.877	79.206	21.223	82
83	80.446 20	.430	80.350	20.782	80.265	21.132	80.172	21.482	83
	81.415 20								84
	82.385 20							22.000	85
86	83.354 21	.169	03.201	21.533	03.166	21.896	83.070	22.259	86
07	84.323 21 85.292 21	66-	85 107	22 022	85 100	22.150	86.000	22.517	87
80	86.261121	.007	86. 16	22.284	86.067	22.650	85.065	22.02	
20	86.261 21 87.231 22	.152	87.122	22.534	87.034	22.014	86.024	23.204	89 90
	88.200 22	100	88 100	22 78-	88.002	22 160	87 000	22 652	
02	80.160 22	.616	80.070	23.025	88.060	22.422	88.866	22.811	91
93	90.138 22	.892	90.038	23.285	89.936	23.678	89.831	24.070	92
94	91.108 23	.138	91.006	23.536	90.903	23.932	90.797	24.329	94
95	92.077 23	.384	91.974	23.786	91.870	24.187	91.769	24.588	95
6	93.046 23	.630	92.942	24.036	92.837	24.442	92.720	24.847	96
97	94.015 23	.877	93.911	24.287	93.804	24.696	193,695	25.106	97
98	94.985 24 95.954 24	.123	94.879	24.537	94.771	24.951	94.661	25.364	98
99	95.954 24	.369	95.847	24 788	95.738	25.205	95.627	25.623	99
00	96.923 24	.015	96.815	25.038	90.705	25.460	96.593	25.882	IOO
,	E. W.IN.	S.,	E. W.		E. W.	and the second second	1000	N. S.	H
ř.	45 Mi	n.	30	Min.	15	Min.	0	Min.	\$
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Dift. 1 2 3 4 5	15 N. S. 0.965 1.930	Min E. W.	i!	win.	45 N	15 Degrees. 16							
1 2 3 4 5	N. S. 0.965	E. W.	1 - Contraction of the local division of the					Mm.	I <u>≃</u> .				
2 3 4 5			N. S.	1E. W.	N. S.	'E. W.	N. S.	Ê. W.	Dift.				
3 4 5	1 0 2 0	0.263	0.964	0.267	0.962	0.271	0.961	0.276					
4		0.526	1.927		1.925	0.543	1.923	0.551					
_5	2.894	0.789			2.887		2.884		3				
	3.859	1.052			3.850		3-845	1.103	4				
	4.824	1.315	4.818		4.812	1.357	4.806	1.378					
6	ş.789	1.578	5.782	1.603	5.775	1.629	5.768	1.654					
7 8	6.754	1.841		1.871 2.138	6.737	1.900	6.729	1.929					
9	7.718	2.367	7.709 8.673	2.405	8.662	2.172 2.443	7.690 8.651	2.205 2.481					
10	9.648		9.636		9.625	2.714	9.613	2.756					
	10.613	2.893	10.600	2.94c	10.587	2.980	10.574	3.032					
	11.577		11.564			3.257	11.535	3.308					
	12.542	3.419	12.527		12.512	3.529	12.496	3.583	13				
	13.507		13.491	3.741	13.474	3.800	13.458	3.859	14				
	14.472	3.945	14.454	4.009	14.437	4.072	14.419	4.135	19				
16	15.437	4.208	15.418	4.276	15.399	4.343	15.380	4.410	16				
17	16.401	4.472	16.382	4.543	16.362	4.614	16.341	4.686	17				
	17.366	4.735	17.345		17.324	4. 8 8ó	17.303	4.962	18				
	18.331	4.998	18.309		18.287	5.157	18.264	5.237	19				
	19.296	5.261	19.273	-	19.249	5.429	19.225	5.513	- 20				
	20.261	5.524	20.236		20.212	5.700	20.186	5.788	21				
24	21.225	5.787	21.200	5.879	21.174	5.972	21.148 22.109	6.064	29				
	22.190 23.155	6.050 6.313	22.163 23.127	6 4147	22.137 23.09 9	6.243 6.515	231070	6.34c 6.615	23				
85	24.120	6.576	24.091		24.061	6.78o	24.031	6.891	24				
	25.085	6.839	25.054		25.024	7.057	24.993	7.167	26				
27	26.049	7.102	26.018		25.986	7.329	25.951	7.442	27				
28	27.014	7.365	26.982	7.483	26.949	7.600	20.915	7.718	28				
29	27.979	7.628	27.945	7.75C	27.911	7.872	27.877	7.994	29				
30	28.944	7.891	28.909	8.017	28.874	8.143	28.838	8.269	30				
	29.908	8.154	29.873 30.836	8.284		8.414	29.799	8.545	31				
	30.873				30.799	8.686	30.760	8.820	32				
	31.838 32.803		31.800		31.761	8.958	31.722	9.096 9.372	33				
	33.768	0.943	32.763 3 3.7 27	9.000	33.686	9.229	33.644	9.647	34				
					_				35				
3-1	3 4 732 35.697		34.691 35.654	9.621 9.888	34.649 25.611	9.772	34.605 35 .5 67		36 37				
38	36.662	9.091	36.618	10.160	36.572	10.31:	36.528	10.474	38				
39	37.627	10.258	37.582	10.422	37 536	10.586	36.52 8 37.489	10.750	39				
403	38.592	10.521	38.545	10.690	38.498	10.858		11.026	40				
41	39.556	10.784	39.509	10.957	39.461		39.412	11.301	41				
42	10.521	11.047	40.472	11.224	10.423	11.400	40.373		42				
43 4	41.486	11.310	41.436	11.491	41.386	11.672	41.334		43				
44	42.451	11.573	42.400	11.759	42.348	11.943	42.295		44				
					43.311		43.257	12.404	45				
		1.099	44.327	12.293	44.273	12.486	44.218		46				
47 48	+5.345	12.362	45.291	12.500	45.236	12.758		12.955 13.231	47				
49	7.27	2.888	47.218	12.00	46.198 47.161	13.201	47.101		49				
50	8.239	13.151	48.181	13.362	48.123	13.572	48.063	13.782	50				
18		V. S.		N. S.		N. S.		N. S.	-				
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r -	74 Degrees.						19						

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$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	Ę.									ā,
$ \begin{array}{c} 52 \\ 50. 165 \\ 13. 68 \\ 13. 941 \\ 13. 971 \\ 14. 105 \\ 13. 901 \\ 14. 205 \\ 15. 256 \\ 15. 257 \\ 15. 256 \\ 15. 257 \\ 15. 256 \\ 15. 257 \\ 15. 256 \\ 15. 257 \\ 15. 256 \\ 15. 257 \\ 15. 256 \\ 15. 257 \\ 15. 256 \\ 15. 257 \\ 15. $	-			1						
$ \begin{array}{c} 3.5 \\ 5.1.5. \\ $						49.085	N.3.043	49.024	14.058	51
$ \begin{array}{c} 5+12.095 & 14.202 & 52.032 & 14.431 & 51.973 & 14.958 & 51.908 & 14.895 \\ 55 & 53.032 & 14.473 & 53.963 & 14.995 & 52.869 & 13.166 & 53 \\ 56 & 54.593 & 14.973 & 53.968 & 15.203 & 53.831 & 15.436 & 66 \\ 57 & 54.993 & 14.993 & 54.927 & 15.233 & 54.860 & 15.472 & 57.731 & 57.95 \\ 55 & 55.93 & 15.55 & 55.851 & 15.505 & 55.851 & 16.051 & 55.744 & 15.773 & 15.987 & 58 \\ 55 & 55.93 & 15.575 & 15.854 & 15.775 & 55.785 & 15.051 & 55.744 & 15.738 & 59.598 \\ 15.85 & 51.578 & 15.782 & 57.818 & 16.03 & 57.748 & 16.286 & 57.676 & 16.538 & 50 \\ 15.8 & 852 & 15.782 & 57.818 & 16.392 & 59.598 & 17.090 & 63.598 & 57.076 & 16.538 & 55.714 & 17.095 & 63. \\ 61 & 53.852 & 16.571 & 65.791 & 16.391 & 59.591 & 17.372 & 51.521 & 17.641 & 64 \\ 63 & 60.782 & 16.571 & 60.799 & 16.891 & 50.591 & 17.372 & 51.521 & 17.641 & 64 \\ 65 & 662.71 & 17.907 & 62.636 & 17.371 & 62.562 & 17.644 & 52.482 & 17.977 & 55 \\ 60 & 63.076 & 17.306 & 53.4000 & 17.638 & 63.522 & 17.051 & 63.443 & 18.192 & 66 \\ 57 & 64.641 & 17.623 & 54.573 & 18.172 & 63.445 & 18.186 & 54.404 & 18.848 & 67 \\ 68 & 65 & 661 & 17.886 & 65.527 & 18.172 & 63.447 & 18.482 & 53.3661 & 7.744 & 55.327 & 19.019 & 65 \\ 69 & 66.571 & 18.145 & 66.490 & 18.447 & 53.477 & 19.503 & 19.443 & 18.192 & 67 \\ 77 & 16.850 & 18.673 & 68.418 & 18.974 & 68.335 & 19.272 & 38.245 & 19.570 & 71 \\ 77 & 16.850 & 18.673 & 68.418 & 18.974 & 68.335 & 19.272 & 38.245 & 19.570 & 71 \\ 77 & 74.828 & 19.207 & 77.272 & 20.043 & 77.1828 & 19.267 & 77 \\ 77 & 74.828 & 19.207 & 77.576 & 17.272 & 20.043 & 77.1828 & 10.273 & 77 \\ 77 & 74.828 & 19.207 & 77.576 & 17.272 & 20.043 & 77.1828 & 10.267 & 77 \\ 77 & 74.828 & 10.277 & 77.272 & 20.043 & 77.1828 & 10.2673 & 75 \\ 77 & 74.828 & 10.277 & 77.576 & 17.272 & 20.043 & 77.1828 & 12.978 & 22.3278 & 83 \\ 81 & 04.22 & 20.95 & 80.945 & 22.4718 & 80.647 & 22.8378 & 83 \\ 81 & 04.22 & 20.95 & 80.945 & 22.4718 & 77.927 & 21.772 & 77.682 & 22.3278 & 83 \\ 81 & 80.272 & 22.618 & 80.945 & 22.775 & 81.609 & 23.778 & 83.63 & 33.981 & 83 \\ 81 & 80.272 & 22.618 & 80.945 & 22.775 & 81.$			13.041	1.072	14.16:	50.040	14.286	49.980	14.333	52
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $					14.431	51.973	14.058	50.94/	14.88	
$ \begin{array}{c} 5_{7} 5_{5} + 993 & 14 + 993 & 54 + 927 & 15 \cdot 233 & 54 \cdot 86c & 15 \cdot 472 & 54 \cdot 792 + 57 \cdot 71 & 57 \\ 5_{5} 5_{5} \cdot 5_{5} \cdot 5_{5} & 15 \cdot 256 & 55 \cdot 891 + 15 \cdot 50c & 55 \cdot 823 & 15 \cdot 774 & 85 \cdot 753 + 5 \cdot 987 & 58 \\ 5_{5} 5_{5} \cdot 5_{5} \cdot 35 & 51 & 55 & 55 & 57 \cdot 74 & 16 \cdot 558 & 57 \cdot 76 & 16 \cdot 538 & 50 \\ \hline 15^{3} 5^{3} 5^{2} 5^{1} 5^{2} 5^{1} 5^{2} 5^{1} 5^{2} 5^{1} 5^{$		54 022	14.730	53 963	14.965					_
		54-993	14.993	5+•927	15.233	54.860	15.472	54.792	15.711	
	58	5 ∙95 ₹	15.256	55.891	15.500	55.823	15.744	55.753	15.487	
b $\frac{5}{5}$, $\frac{5}{5}$, $\frac{5}{10}$, $\frac{5}$	57	5,923	15.519	50.854	15.707	56.785	16.015	56.714	16.263	59
$ \begin{array}{c} \mathbf{b}_{2} \ 59, 81, \ 10, \mathbf{30b} \ 59, 74 \ 10, 50, \ 59, 57 \ 10, 82 \ 59, 59, 59 \ 17, 306 \ 56 \ 56 \ 57 \ 17, 10, \ 50, 59 \ 17, 306 \ 56 \ 56 \ 57 \ 17, 10, \ 57, 17, 57 \ 57 \ $										60
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $		58.852	16.045	58.781	16.302	58.710	16.558	5: . 37	16.814	61
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $		59.017	16.57	59.745	10.509	59-073	10.829	59.598	17.090	62
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $		61.747	16.824	61.672	17.102	61.507	17 27 2	51 521	17.305	
		62.71	17.097	62.636	17.371	62.56c	17.6.4	52. 82	17.017	
$ \begin{array}{c} 07 04.041 17.023 14.503 17.903 04.485 18.186 194.40418.468 67 68 65 60 (17.886 65,527 18.172 65.447 18.458 55.366 18.744 68 69 66.571 18.145 66.490 18.442 56.410 18.739 55.377 19.019 69 70 69.53; 18.412 67.454 18.707 77.372 19.001 57.288 19.295 77 71 68.500 18.675 68.418 18.974 68.335 19.272 38.245 19.570 71 72 69.465 18.938 69.381 19.241 69.297 19.544 69.211 19.846 72 73 70.430 19.201 70.345 19.509 70.202 19.815 70.172 20.122 73 74 71.394 19.464 71.309 19.776 71.222 20.877 71.133 20.397 74 75 72.355 19.727 72.272 20.043 72.184 20.355 72.094 20.673 75 76 73.324 19.995 73.236 20.310 73.147 20.629 73.056 20.949 76 77 74.889 20.255 74.200 20.577 74.109 20.901 74.017 21.224 77 78 75.254 20.757 76.127 21.112 76.034 21.444 75.960 21.078 21.076 78 77.183 21.042 77.002 21.379 76.997 21.715 75.901 22.051 86 78 79.133 21.601 75.163 20.864 75.072 21.172 74.978 21.500 78 79.76.218 20.775 76.127 21.112 76.092 21.715 75.901 22.051 86 80 80.078 21.831 9.981 22.181 79.884 22.307 78.82 22.327 81 82 77.183 21.042 77.002 21.379 76.997 21.715 75.901 22.051 86 81 78.144 21.305 80.54 22.181 79.88 42.530 80.744 23.154 84 83 80.078 21.831 9.981 22.181 79.884 22.307 87.852 22.327 81 84 81.042 22.095 80.945 22.448 80.847 22.801 80.744 23.154 84 85 82.077 22.355 81.990 22.715 81.809 23.072 81.707 23.420 85 84 81.042 22.095 80.945 22.448 80.847 22.308 18.0744 23.154 84 85 82.077 22.357 81.990 22.715 81.809 23.072 81.707 23.420 85 85 83.836 23.417 34.799 23.517 84.669 23.887 83.563 23.795 86 87 83.937 22.621 32.872 122.983 82.772 23.344 82.630 80.744 23.154 84 85 82.972 23.621 32.872 122.983 82.772 23.344 82.639 80.746 23.158 83.552 24.453 89 91 87.796 23.936 87.639 24.425 88 85.569 24.416 87.453 89 91 87.796 23.936 87.690 84.319 87.584 24.701 87.4475 25.683 99 91 87.796 23.936 87.690 84.319 87.584 24.701 87.4475 25.683 99 93 89.725 24.462 30.618 24.853 89.509 25.244 89 99.725.513 99 94 92.502 24.725 90.581 82.5121 90.921 24.265 73 99 94 92.502 24.725 90.581 82.5121 90.921 24.533 99 94 92.502 24.725 $					17.6:8	62.52	17.01	62.142	18 100	
$ \begin{array}{c} 69 & 60. & 67. & 118. & 146. & 66. & 490. & 18. & 442. & 56. & 410. & 18. & 458. & 57. & 506. & 18. & 446. & 66. & 410. & 18. & 729. & 57. & 56. & 327. & 19. & 019. & 69. \\ \hline c & 67. & 53. & 18. & 41. & 67. & 45. & 418. & 707. & 77. & 727. & 19. & 01. & 77. & 881 & 92. & 95. \\ \hline c & 67. & 53. & 57$	67	64.641	17.623	94.503	17.90;	04.485	18.186	D4.404	118 468	
$ \begin{array}{c} b \ 9 \ 0 \ 5 \ 7 \ 1 \ 1 \ 1 \ 1 \ 4 \ 1 \ 5 \ 4 \ 5 \ 6 \ 4 \ 5 \ 7 \ 7 \ 7 \ 7 \ 7 \ 7 \ 7 \ 7 \ 7$	68	65 60(17.886	05.527	10.178	105.447	10.468	125.300	18.744	68
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	69	00.571	14.149	00.490	18.44C	00.41C	18.729	55.327	19.019	69
$\begin{array}{c c c c c c c c c c c c c c c c c c c $		6.45					19.001	7.288	19.295	70
$\begin{array}{c c c c c c c c c c c c c c c c c c c $		· · ·	ز 18.67	68.418	18.974	68.335		18.245	19.570	71
$\begin{array}{c c c c c c c c c c c c c c c c c c c $						09.297	19.544			72
$\begin{array}{c c c c c c c c c c c c c c c c c c c $					19.509	71 222	19.815			73
$\begin{array}{c c c c c c c c c c c c c c c c c c c $					20.013	72.184	20.958	78.00		
$\begin{array}{c c c c c c c c c c c c c c c c c c c $									_	-
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	1 1							74.017		
$\begin{array}{c c c c c c c c c c c c c c c c c c c $		75.254	20.516		20.845	75.072	21.172	74.978	21.500	
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $			20.775	76.127	21.112	170.034	21.444	75.940	21.776	79
$\begin{array}{c c c c c c c c c c c c c c c c c c c $		77.183			21.379	76.997	21.715	76.90	22.051	80
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$						77.959	21.987	77.862	22.327	81
$\begin{array}{c c c c c c c c c c c c c c c c c c c $			21.502			78.922	22.258	78.82	22.602	82
$\begin{array}{c c c c c c c c c c c c c c c c c c c $			22.005	9.981	22.101	79.004	22.530	79.785	22.878	83
$\begin{array}{c c c c c c c c c c c c c c c c c c c $			22.352	81.000	22.715	81.800	22.072	81 707	22 420	
$\begin{array}{c c c c c c c c c c c c c c c c c c c $										
$\begin{array}{c c c c c c c c c c c c c c c c c c c $		83.937		83.836	23.250	81.734	22.61	82.60		
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$		84.912	23.147	64.799	23.517	84.696	23.88%	84.491	34.206	88
$\begin{array}{c c c c c c c c c c c c c c c c c c c $				35.763	23.784	85.659	24.158	85.552	24.572	89
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	<u>9</u> c	86.831	23.673			80.021	24.430	85.513	24.808	90
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$				87.690	£ 4.319	87.584	24.701	87.475	25.c83	91
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$				38.654	24.586	88.546	24.972	88.43E	25.359	92
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$					24.053	09.509	25.244	89 397	25.635	93
$\begin{array}{c} 9^{\ell} & 92.52c & 25.251 \\ 97 & 93.585 & 25.514 \\ 93.472 & 25.922 \\ 93.585 & 25.777 \\ 94.436 & 26.172 \\ 95.514 & 25.777 \\ 94.436 & 26.192 \\ 95.55.14 & 26.737 \\ 95.924.545 & 25.777 \\ 94.436 & 26.192 \\ 95.55.14 & 26.647 \\ 95.992.6477 \\ 95.95.264 & 25.777 \\ 94.436 & 26.192 \\ 95.264 & 27.144 \\ 95.192 & 26.477 \\ 26.303 & 26.363 \\ 26.724 & 95.284 \\ 27.144 & 95.126 \\ 27.144 & 95.126 \\ 27.564 & 100 \\ 27.144 & 95.126 \\ 27.564 & 100 \\ 27.564 & 100 \\ 28. & 0 \\ 15. & 0 \\ 15. & 0 \\ 15. & 0 \\ 15. & 0 \\ 15. & 0 \\ 15. \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ $		91.661	24.080			90.4/1	25.787	90.358		94
$\begin{array}{c} 97 & 93.58:52.5.514 \\ 93.472 & 25.922 \\ 94.545 & 25.777 \\ 94.436 & 26.190 \\ 95.55.514 & 26.777 \\ 94.436 & 26.190 \\ 95.55.514 & 26.040 \\ 95.399 & 26.457 \\ 95.284 & 20.873 \\ 95.165 & 27.288 \\ 95.264 & 26.303 \\ 95.165 & 27.288 \\ 95.264 & 26.373 \\ 95.165 & 27.288 \\ 95.264 & 20.873 \\ 95.165 & 27.288 \\ 95.264 & 20.873 \\ 95.165 & 27.288 \\ 95.264 & 20.873 \\ 95.165 & 27.288 \\ 95.27 & 20.873 \\ 95.165 & 27.288 \\ 95.27 & 20.873 \\ 95.165 & 27.288 \\ 95.27 & 20.873 \\ 95.165 & 27.288 \\ 95.27 & 20.873 \\ 95.165 & 27.288 \\$										95
$\begin{array}{c} 95 (55.514) \stackrel{26.64}{=} 15.399 \stackrel{26.457}{=} 95.284 \stackrel{26.873}{=} 95.165 \stackrel{27.288}{=} 95.363 \stackrel{26.724}{=} 96.246 \stackrel{27.144}{=} 96.126 \stackrel{27.564}{=} 17.564 \stackrel{10}{=} 17.564 $	90	92.620	25.514	32.172	25.027	02 200	26 220	0.0.0.0	26 - A.	96
$\begin{array}{c} 95 (55.514) \stackrel{26.64}{=} 15.399 \stackrel{26.457}{=} 95.284 \stackrel{26.873}{=} 95.165 \stackrel{27.288}{=} 95.363 \stackrel{26.724}{=} 96.246 \stackrel{27.144}{=} 96.126 \stackrel{27.564}{=} 17.564 \stackrel{10}{=} 17.564 $	98	94.545	-5.777	94.436	26,190	94.321	26.601	93.242	27.012	97
$ = \underbrace{ \begin{bmatrix} E. & W. N. & S. \\ \hline 45 & Min. \\ \hline 30 & Min. \\ \hline 15 & Min. \\ \hline 0 & Min. \\ $		95.514	26.040	95.399	26.457	95.284	20.873	95.165	27.288	99
$ = \underbrace{ \begin{bmatrix} E. & W. N. & S. \\ \hline 45 & Min. \\ \hline 30 & Min. \\ \hline 15 & Min. \\ \hline 0 & Min. \\ $	100	y0.47	26.303	96.363	26.724	96.246	27.144	96.126	27.564	100
45 Min. 30 Min. 15 Min. 0 Min. 74 Degrees. 74 Degrees.	5	E. W.	N. S.	E. W.	N. S.	E. W.	N. S.	E. W.	N. S.	
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1	0.960 0.28		0.958 0.288	0.956 0.292	-;
2	1.920 0.560		1 915 0.576	1.913 0.585	2
3				2.869 0.877	3
4		3.835 1.136 4.794 1.420		3.825 1.169 4.781 1.462	4
6	and the second s		5.745 1.729	5.738 1.754	-5
				6.694 2.047	
7 8		7671 2.272	7.661 2.306	7.650 2.339	7 8
9				8.607 2.631	9
10	1	V	9 576 2.882	9.563 2.924	10
11	10.561 3.074	10.547 3.124 11.506 3.408	10.533 3.170	10.519 3.216 11.476 3.508	11 12
	12.481 3.638		12.448 3.747	12.432 3.801	13
14	13.441 3.915	13.423 3.970	13.406 4.035	13.388 4.093	14
15		14.382 4.260	[14.344 4.386	15
	15.361 4.477		15.321 4.611	15.301 4.678	16
	16.321 4.757 17.281 5.037		16.279 4.899	16.257 4.970 17.213 5.263	17
	18.241 5.31		18.194 5-476	18.170 5.555	19
20	19.201 5.597	19.176 5.680	19.151 5.764	19.126 5.847	20
21			20.109 .6.052	20.082 6.140	21
	21.121 6.156		21.067 6.340		22
	22.081 6.436 23.041 6.716		22.024 6.629 22.982 6.917	21.995 6.724 22.951 7.017	23
		23.970 7.100		23.907 7.309	25
26	24.961 7.276	24.929 7.385	and the second designed as the second designe	24.864 7.602	26
	25.921 7.555	25.888 7.66		25.820 7.894	27
	26.881 7.835 27.841 8.115	26.847 7.953 27.806 8.237			28
	28.801 8.395				29 30
31	29.762 8.675			29.645 9.063	31
32	30.722 8.955	30.682 9.089	30.642 9.222	30.602 9.356	32
	31.682 9.234			31.558 9.648	33
	32.642 9.514 33.602 9.794	N (* *		32.514 9.94 33.470 10.283	34
-	34:562 10.074	the second se			$\frac{35}{36}$
37		35.476 10.500	35.430 10.663	34.427 10.525 35.383 10.818	37
38	36.482 10.034	36.435 10.793	30.388 10.952	30.339 11.110	38
39 40	37.442 10.913	37.394 11.077 38.353 11.361	37 345 11.240 38.303 11.528	37.296 11.402 38 252 11.695	39
					40
	39.362 11.473			39.208 11.987 40.165 12.280	41 49
43	41.282 12.093	11.229 12.21	41.176 12.393	41.121 12.572	43
	42.242 12.913	42.188 12.49	42.133 12.681	42.07712.864	44
45		11		43.033 13.157	45
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48	45.182 13.152	46.023 13.34		44.946 13.741 45 902 14.034	47 48
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$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	52	49.923 14.	C C T 1140 X C	0114.700	340.704	14.080	40.72X	16.202	
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	54	51.843 15.	111 51.77	615.337	51.709	15.503	51.640	15.788	
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	55	52.803 15.	391 52.73	5 15.021	52.000	15.051	52.590	10.080	
$ \begin{array}{c} \mathbf{y} \left\{ 5 0, 43 \right\} \left[10, 510 \ 50, 57 \ 10, 757 \ 10, 744 \ 17, 402 \ 57, 378 \ 17, 542 \ 60 \ 57, 503 \ 17, 570 \ 57, 529 \ 17, 041 \ 57, 454 \ 17, 292 \ 57, 378 \ 17, 542 \ 60 \ 563, 34 \ 17, 835 \ 61 \ 562 \ 59, 293 \ 17, 349 \ 59, 447 \ 17, 609 \ 59, 369 \ 17, 868 \ 59, 291 \ 18, 127 \ 61 \ 63 \ 65, 983 \ 17, 629 \ 60, 466 \ 17, 893 \ 60, 327 \ 18, 157 \ 60, 247 \ 18, 419 \ 63 \ 656 \ 52, 403 \ 18, 169 \ 61, 364 \ 18, 177 \ 61, 284 \ 18, 445 \ 61, 203 \ 18, 712 \ 64 \ 656 \ 52, 403 \ 18, 169 \ 61, 364 \ 18, 177 \ 61, 284 \ 18, 445 \ 61, 203 \ 18, 712 \ 64 \ 656 \ 52, 403 \ 18, 169 \ 63, 232 \ 18, 745 \ 63, 200 \ 19, 021 \ 63, 116 \ 19, 296 \ 65 \ 666 \ 56, 383 \ 19, 028 \ 65, 202 \ 19, 313 \ 65, 175 \ 19, 998 \ 65, 028 \ 19, 881 \ 65, 985 \ 20, 174 \ 69 \ 666 \ 56, 985 \ 20, 174 \ 69 \ 666 \ 56, 985 \ 20, 174 \ 69 \ 666 \ 57, 897 \ 10, 208 \ 65, 028 \ 19, 881 \ 65, 032 \ 19, 021 \ 65, 133 \ 10, 038 \ 66, 173 \ 19, 997 \ 66, 07, 219, 586 \ 67, 987 \ 20, 460 \ 77 \ 668, 945 \ 20, 728 \ 78 \ 77, 768 \ 78, 573 \ 72, 0588 \ 65, 987 \ 20, 728 \ 77, 78 \ 74, 868 \ 66, 994 \ 20, 733 \ 10, 997 \ 66, 07, 210, 286 \ 67, 897 \ 20, 758 \ 77 \ 77 \ 73, 924 \ 20, 488 \ 66, 994 \ 20, 733 \ 10, 997 \ 66, 024 \ 20, 797 \ 72, 698 \ 524 \ 21, 277 \ 77 \ 77 \ 78 \ 74, 884 \ 42, 048 \ 69, 994 \ 20, 733 \ 10, 997 \ 70, 763 \ 21, 327 \ 70, 766 \ 21, 327 \ 70, 766 \ 21, 327 \ 70, 766 \ 21, 327 \ 70, 766 \ 21, 327 \ 70, 766 \ 23, 566 \ 74, 597 \ 72, 726 \ 72, 96 \ 72, 578 \ 73, 733 \ 22, 191 \ 73, 63 \ 52, 527 \ 77 \ 78 \ 74, 882 \ 21, 827 \ 74, 788 \ 22, 154 \ 74, 690 \ 22, 486 \ 75, 974 \ 72, 476 \ 22, 220 \ 76 \ 77, 563 \ 23, 247 \ 74, 560 \ 22, 248 \ 75, 548 \ 23, 907 \ 79 \ 73, 82 \ 41, 827 \ 74, 788 \ 22, 123 \ 75 \ 78 \ 77, 563 \ 23, 244 \ 77, 460 \ 23, 390 \ 78 \ 77, 563 \ 23, 244 \ 77, 460 \ 23, 390 \ 78 \ 75, 548 \ 23, 907 \ 79 \ 73, 73 \ 22, 428 \ 75 \ 78 \ 74, 794 \ 78 \ 22, 148 \ 76 \ 75, 548 \ 23, 907 \ 79 \ 73, 73 \ 22, 428 \ 75 \ 75 \ 548 \ 23, 907 \ 79 \ 73 \ 74 \ 74, 746 \ 92 \ 75, 574 \ 82, 74 \ 77, 460 \$	56	53.763 15.	670 53.69	415.905	53.024	10.139	53.553	10.373	
$ \begin{array}{c} \mathbf{y} \left\{ 5 0, 43 \right\} \left[10, 510 \ 50, 57 \ 10, 757 \ 10, 744 \ 17, 402 \ 57, 378 \ 17, 542 \ 60 \ 57, 503 \ 17, 570 \ 57, 529 \ 17, 041 \ 57, 454 \ 17, 292 \ 57, 378 \ 17, 542 \ 60 \ 563, 34 \ 17, 835 \ 61 \ 562 \ 59, 293 \ 17, 349 \ 59, 447 \ 17, 609 \ 59, 369 \ 17, 868 \ 59, 291 \ 18, 127 \ 61 \ 63 \ 65, 983 \ 17, 629 \ 60, 466 \ 17, 893 \ 60, 327 \ 18, 157 \ 60, 247 \ 18, 419 \ 63 \ 656 \ 52, 403 \ 18, 169 \ 61, 364 \ 18, 177 \ 61, 284 \ 18, 445 \ 61, 203 \ 18, 712 \ 64 \ 656 \ 52, 403 \ 18, 169 \ 61, 364 \ 18, 177 \ 61, 284 \ 18, 445 \ 61, 203 \ 18, 712 \ 64 \ 656 \ 52, 403 \ 18, 169 \ 63, 232 \ 18, 745 \ 63, 200 \ 19, 021 \ 63, 116 \ 19, 296 \ 65 \ 666 \ 56, 383 \ 19, 028 \ 65, 202 \ 19, 313 \ 65, 175 \ 19, 998 \ 65, 028 \ 19, 881 \ 65, 985 \ 20, 174 \ 69 \ 666 \ 56, 985 \ 20, 174 \ 69 \ 666 \ 56, 985 \ 20, 174 \ 69 \ 666 \ 57, 897 \ 10, 208 \ 65, 028 \ 19, 881 \ 65, 032 \ 19, 021 \ 65, 133 \ 10, 038 \ 66, 173 \ 19, 997 \ 66, 07, 219, 586 \ 67, 987 \ 20, 460 \ 77 \ 668, 945 \ 20, 728 \ 78 \ 77, 768 \ 78, 573 \ 72, 0588 \ 65, 987 \ 20, 728 \ 77, 78 \ 74, 868 \ 66, 994 \ 20, 733 \ 10, 997 \ 66, 07, 210, 286 \ 67, 897 \ 20, 758 \ 77 \ 77 \ 73, 924 \ 20, 488 \ 66, 994 \ 20, 733 \ 10, 997 \ 66, 024 \ 20, 797 \ 72, 698 \ 524 \ 21, 277 \ 77 \ 77 \ 78 \ 74, 884 \ 42, 048 \ 69, 994 \ 20, 733 \ 10, 997 \ 70, 763 \ 21, 327 \ 70, 766 \ 21, 327 \ 70, 766 \ 21, 327 \ 70, 766 \ 21, 327 \ 70, 766 \ 21, 327 \ 70, 766 \ 23, 566 \ 74, 597 \ 72, 726 \ 72, 96 \ 72, 578 \ 73, 733 \ 22, 191 \ 73, 63 \ 52, 527 \ 77 \ 78 \ 74, 882 \ 21, 827 \ 74, 788 \ 22, 154 \ 74, 690 \ 22, 486 \ 75, 974 \ 72, 476 \ 22, 220 \ 76 \ 77, 563 \ 23, 247 \ 74, 560 \ 22, 248 \ 75, 548 \ 23, 907 \ 79 \ 73, 82 \ 41, 827 \ 74, 788 \ 22, 123 \ 75 \ 78 \ 77, 563 \ 23, 244 \ 77, 460 \ 23, 390 \ 78 \ 77, 563 \ 23, 244 \ 77, 460 \ 23, 390 \ 78 \ 75, 548 \ 23, 907 \ 79 \ 73, 73 \ 22, 428 \ 75 \ 78 \ 74, 794 \ 78 \ 22, 148 \ 76 \ 75, 548 \ 23, 907 \ 79 \ 73, 73 \ 22, 428 \ 75 \ 75 \ 548 \ 23, 907 \ 79 \ 73 \ 74 \ 74, 746 \ 92 \ 75, 574 \ 82, 74 \ 77, 460 \$	57	54.72315.	950154.05	3110.109	54.501	16 716	54.509	16.005	
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	58	55.00310.	230155.01	016.757	56.407	17.004	56.422	17.200	
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	60	57.603 16.	790 57.52	917.041	57.454	17.292	57.378	17.542	60
$ \begin{array}{c} \mathbf{b}_{2} \left[\mathbf{b}_{3} \left[\mathbf{b}_{3} \left[\mathbf{j}_{3} \left$	6.	58.562 17.0	070 \$8.48	8 17.320	58.:12	17.680	58.224		61
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	62	50.52317.3	349 59.44	7 17.609	59.369	17.868	59.291	18.127	
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	63	60.483 17.	629 60.40	6 17.893	60.327	18.157	60.247	18.419	63
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	64	61.443 17.9	909 61.36	4 18. 177	61.284	18.445	61.203	18.712	64
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	65	62.403 18.1	189 02.32	3 18.401	02.242	18.733	62.159	19.004	65
	66	63.363 18.4	69 63.28	2 18.745	63.200	19.021	63.116	19.296	
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	67	64.323 18.	740164.24	110.020	64.157	19.309	04.072	19.589	
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	68	65.28319.0	28 05.20	019.313	05.115	19.598	05.028	19.881	
7168. 16419. 86868. 07620. 16567. 98720. 46267. 89720. 758717370. 6820. 14869. 03550. 44968. 94520. 75068. 85421. 051727370. 6820. 48869. 03550. 44968. 94520. 75068. 85421. 051727471. 04420. 70770. 95311.01770. 86611.33770. 76674. 7373. 737271. 72221. 928757672. 06421. 26772. 87021. 58672. 77521. 90372. 67922. 210767773. 92.421. 54773. 73221. 191773. 65322. 512777874. 88421. 82774. 78822. 15474. 69022. 48075. 64823. 097797584. 22. 16677. 66423. 06677. 56323. 34477. 46023. 682818076. 70. 6223. 29276. 66623. 05676. 50423. 997808177. 76422. 66677. 66423. 06777. 56323. 34477. 46023. 682818278. 72422. 94678. 62323. 97479. 47863. 39244. 59848581. 60423. 76685. 24424. 6384. 45485. 8486. 64423. 97481. 28584. 8518682. 56424. 40585. 35224. 47883. 39224. 47883. 39424. 451 <t< td=""><td>09</td><td>67 20210</td><td>88167 11</td><td>919.597</td><td>67.020</td><td>20.171</td><td>66.041</td><td>20.466</td><td></td></t<>	09	67 20210	88167 11	919.597	67.020	20.171	66.041	20.466	
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	70	69 . 6 . 1 . 6	60 69	6 00 164	67.080	20 460			
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	71	60 104 19.0	1 8 60 01	a 20.105	68.045	20.402	68 8 c 1	21.051	
7471.04420.707770.95321.01770.80021.327770.706011.03374 7572.00420.98771.91121.30171.81821.615771.7221.92875 7672.96421.20772.97072.972.87021.586772.77521.90372.67922.22076 7773.92421.54773.83021.87073.73322.19173.63522.51277 77874.88421.82774.78822.15474.69022.480774.59122.80578 7975.84422.10775.74722.4387576.6822.768775.54823.09779 8076.80422.36677.66423.00677.56323.34477.46023.682887 8177.76422.66677.66423.00677.56323.34477.46023.68288 8177.76422.66677.66423.00677.56323.34477.46023.68288 8177.76422.66677.66423.00677.56323.34477.46023.68288 8179.768422.96678.63323.29078.52123.632778.41723.97483 8278.72422.94678.63323.29078.52123.632778.41723.97483 8379.68423.26679.58223.57479.47833.92179.37324.26783 8480.64423.50688.54123.858880.43624.409 80.332924.55984 8384.60223.786881.50024.142881.3932.44.978 83.3924.24.345888437624.4994 83.3924.24.345888437624.4994 84.26625.362884.123.459788.23.5124.765 85.32424.345888437624.99488.26625.3628841.125.5789 86.40425.18586.29425.26588.43.76284.18125.938 86.40425.18586.29425.26588.43.7628.83.39224.2578888.426625.3628841.125.023189 9088.44824.462588.43.76284.924885188.23124.765 85.242425.06089.90.1227.09189.890.9227.483988.93 9187.36525.46588.90.1227.60791.809.83.936227.199 93.89.28526.02488.91702.64.1488.90.626.51487.88.936227.199 93.89.28526.024889.1126.130888.09626.51487.988.936227.199 93.99.024526.58499.10282.698899.00.1227.09188.939627.483949 95.91.20526.58499.108826.98290.99627.379998.88.2428.945994 95.91.20526.58499.10828.269899.90.92727.667991.809.898.277.72899 94.99.24526.39492.26.39493.26.18189.9928.532 94.99.24526.39499.108826.98299.99627.27999.88.427.759928.5329 94.99.24526.39499.28.284299938.424892995.95.757128.80999.84.28.94599 95.91.20526.584993.28.11899.95.93.28428.244992.53298 95.91.20526.5248993.28.182992.5757128.820995.93.28.428.945995 94.97.7128.95298 95.93.28527.773994.923328.11899.7577128.82095.93.28.428945957.97288.94597.28.94599 95.94.08527.728993.95.757128.820995.95.23278884278955977128.820995.95.2328689 97.93.	72	70.084 20.4	12 88800.00	4 20.722	100.002	21.030	00.810	21.342	
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	74	71.011 20.	707 70.95	321.017	70.800	21.327	70.700	21.035	
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	75	72.004 20.0	87 71.91	1 21.301	71.818	21.615	71.722	21.928	
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	76	72.064 21.2	267 72.87	0 21.586	72.775	21.903	72.679	22.220	7.6
$\begin{array}{c c c c c c c c c c c c c c c c c c c $		12 00 101	A	121.870	72.772	22.101	73.635	22.512	
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	78	74.884 21.	827 74.78	822.154	74.690	22.480	74.591	22.805	
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	79	75.844 22.	107 75.74	7 22.438	75.048	22.708	76 501	23.097	
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	80	70.804 22.	10.70	-2.722	/0.000	23.030	70.304	23.390	
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	-81	77.764 22.0	000177.00	4 23.000	77.503	23.344	78 417	23.082	
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	82	70.724 22.9	26 70 68	222.574	70.478	23.621	79.372	24.267	
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	84	80.644 23.4	co6 80. c4	1 23.858	80.436	24.209	80.329	24 559	
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	85	81.604 23.	786 81.50	C 24. 142	81.393	24.497	81.285	24.851	
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	86	82.564 2.1.0	o65 82.45	0 24.427	82.351	24.785	82.242	25.144	
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	2.4	X2 c24 24.3	2151102.11	7124.710	10 3 . 300	25.073	03.190	25.430	
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	00	9 9	60-1184 00	6101 001	X4.266	25.262	84. I 54	25.720	
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	89	85.444 24.9	905 85.33	5 25.278	85.224	25.650	86.06-	20.021	
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	90	80.404 25.1	185 80.29	425.502	00.181	25.938	30.007	20.313	
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	91	87.365 25.4	465 87.25	3 25.846	87.139	26.226	87.023	26.606	
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	98	88.325 25.	744 88.21	1 20.130	80.090	20.514	88 026	27.100	
95 91. 205 26. 584 91.088 20.982 90. 969 27. 379 90.048 17.775 95 96 92.165 26.864 92.047 27.266 91.927 27.667 91.805 28.068 96 97 93.125 27.144 93.006 27.550 92.884 27.955 92.761 28.360 97 98 94.085 27.423 93.964 27.834 93.842 28.244 93.717 28.652 98 99 95.045 27.703 94.923 28.118 94.799 18.523 94.074 28.945 99 90 95.045 27.903 95.882 28.402 95.757 28.820 95.030 29.237 100 0 06.005 27.983 95.882 28.402 95.757 28.820 95.030 29.237 100 0 05.005 27.983 95.882 28.402 95.757 28.820 95.030 29.237 100 0 05.005 27.983 95.882 28.402 95.757 28.820 95.030 29.237 100 0 05.005 27.983 95.882 28.402 95.757 28.820 95.030 29.237 100 0 05.005 27.983 95.882 28.402 95.757 28.820 95.030 29.237 100 0 05.005 27.983 95.882 28.402 95.757 28.820 95.030 29.237 100 0 05.005 27.983 95.882 28.402 95.757 28.820 95.030 29.237 100 0 05.005 27.983 95.882 28.402 95.757 28.820 95.030 29.237 100 0 05.005 27.983 95.882 28.402 95.757 28.820 95.030 29.237 100 0 05.005 27.983 95.882 28.402 95.757 28.820 95.030 29.237 100 0 05.005 27.983 95.882 28.402 95.757 28.820 95.030 29.237 100 0 05.005 27.983 95.882 28.402 95.757 28.820 95.030 29.237 100 0 05.005 27.983 95.882 28.402 95.757 28.820 95.030 29.237 100 0 05.005 27.983 95.882 28.402 95.757 28.820 95.030 29.237 100 0 05.005 27.983 95.882 28.402 95.757 28.820 95.030 29.237 100 0 05.005 27.983 95.882 95.030 29.237 100 0 05.005 27.983 95.882 95.050 95	93	09.285 20.0	24 09.17	0126.608	00.012	27.001	80.802	27.482	
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	94	01.205 26	84 01.08	8 26.982	00.060	27.370	90.818	27.775	
$\begin{array}{c} 97 \left[93.125 \left[27.144 \right] 93.006 \left[27.550 \right] 92.884 \left[27.955 \right] 92.761 \left[28.300 \right] 97 \\ 98 \left[94.085 \left[27.423 \right] 93.964 \left[27.834 \right] 93.842 \left[28.244 \right] 93.717 \left[28.652 \right] 98 \\ 99 \left[95.045 \left[27.733 \right] 94.923 \left[28.118 \right] 94.791 \left[28.325 \right] 94.574 \left[28.945 \right] 94 \\ 1006 \left[60.05 \left[27.983 \right] 95.882 \left[28.402 \right] 95.757 \left[28.820 \right] 95.630 \left[29.237 \right] 100 \\ 75.05 \left[75.05 \left[75.05 \right] 75.05 \right] 75.05 \left[75.05 \right] 75.05 75.05 \\ 98.05 \left[75.05 \right] 75.05 $	22	02 16 26	864 02 04	7 27 266	01.027	27.667	01.805	28.068	_
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	67	02. 125 27.	144 01.00	6 27.550	92.884	27:955	92.761	28.360	97
$\begin{array}{c} 99 95.045 27.703 94.923 28.118 94.799 20.532 94.074 20.945 99 \\ 100 96.005 27.983 95.882 28.402 95.757 28.820 95.630 29.237 100 \\ \hline \\$	- 08	04.085127.	423103.00	4 27.834	93.842	28.244	193.717	128.052	98
$ \begin{array}{c} 100 \\ \hline 000 \\ $	00	95.045 27.	703 94 92	3 28.118	194.799	120.532	194.074	120.945	99
$ \begin{array}{c} \hline E. W.N. S. \\ \hline 45 \text{ Min.} \\ \hline 30 \text{ Min.} \\ \hline \end{array} \begin{array}{c} E. W.N. S. \\ \hline 15 \text{ Min.} \\ \hline \end{array} \begin{array}{c} E. W.N. S. \\ \hline 0 \text{ Min.} \\ \hline \end{array} \begin{array}{c} \hline 0 \text{ Min.} \\ \hline \end{array} $	100	96.005 27.	983 95.88	2 28.402	95.757	28.820	95.030	29.237	100
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1	0.955	0.197		0.301	0.952	0.305		951	0.309	1
2	1.910		1.907 2.861	0.601	1.905 2.857	0.610 0.915		902 853	0.618 0.927	2
3	3.820			1.203	3.810			804	1.236	4
5	4.775	1.483	1	1.504	4.762	1.524	4.	755	1.545	_ 5
6	5.730			1.804			1 2	7c6	1.854	6
7	6.685 7.640			2.105 2.406	6.667 7.619			657 608	2.163 2.472	7
9				2.706				560	2.781	9
10			9.537	3.007	9.524			ςΙı	3.090	10
	10.505	3.262	10.491		10.476		10.	•	3.399	11
	11.460 12.415		11.445		11.429 12.381		11.		3.708 4.017	12
	13.370		13.352		13.334		13.		4.326	14
	14.325		14.306		14.286		14.		4.635	15
	15.280	4.745	15.260	4.811		4.878	15.	217	4.944	16
	16.235		16.213		16.191				5.253 5.562	17
	17.190 18.145	5.634	17.167	5.713	17.143 18.096	5.487 5.792	17.		5.871	19
	19.100	5.931	19.074	6.014	19.048		19.		6.180	26
21	20.055	6.227	20.028		20.000	6.402	19.	972	6.489	21
	21.010		20.982		20.953	6.707	20.	923	6.798	22
	21.965		21.936 22.889		21.905 22.858		21.	874 825	7.107 7.416	23
	23.875		23.843		23.810		23.		7.725	25
	24.830		1	7.818		7.926		-	8.035	26
	25.786	8.007	25.750	8.119	25.715	8.231	25.	679	8.344	27
	26.741		26.704 27.658		26.667		20.	030	8.653 8.962	28
	27.696 28.651		28.612	9.021	27.620 28.572				9.271	29
_	29.606		29.565						9.580	31
32	30.561	9.489	30.519	9.623	30.477	9.756	30.	434	9.889	32
			31.473	9.923	31.429	10.060	31.	384	10.198	33
			32.426 33.380		33.334				10.816	34
			34 ·334							30
37	35.336	10.972	35.289	11.126	35.239	11.280	35.	189	11.434	37
38	36.291	11.269	36.241	11.427	36.191	11.585	30.	140	11.743	38
39 40	37.240	11.505	37.195 38.149	11.728	28.006	11.890	28.	091 012	12.052 12.361	39
40	20.156	12.108	20 102	12 220	20.018	12 400	28.	002		4
42	40.111	12.455	39.103 40.056	12.630	40.001	12.804	39.	945	12.979	4
43	41.066	12.751	41,010	12.951	40.953	13.100	40.	896	13.288	43
			41.964		41.906	13.414	41. 42.	847 708	13.597	44
	-		42.917			14.024				45
40	44.886	13.027	43.871 44.825	13.033	43.010	14.728	+3· 44.	700 700	14.215	49
48	45 811	14.234	45.779	14.434	45.715	14.633	45.	651	14.833	48
49	46.796	14.530	46.732	14.735		14.938				45
	47.751 E		47.686			15:243 N. S.	47 E.			50
		N. S. Min.	1E. W. 30	N.S. Min.		N. S. Ain.			In. 5.	Dift.
	° 45	wiin •	~ 20	WHID. 1		4111.	1 1	ບ⊮		

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<u> </u>		17 Degrees.	·	18 Degrees.	— ,
Diff	15 Min.	30 Min.	45 Min.	o Min.	Diff.
[₹	N. S. E. W.	N. S. E. W.	N. S. E. W.	N. S.IE. W.	?₽
ct	48.706 15,124	48.640 15.336	48.572 15.948	48.504 15.760	51
52	49.661 15.420	49.593 15.637	49.523 15.853	49.455 16.060	52
	50.61615.717	50.547 15.938	50.477110.158	150.400 16.278	53
54	51.57110.013	51.501 16.238 52.455 16.539	51.430 10.402		54
		53.408 10.840			.55
27	54.436 16.903	54.362 17.140	54.287 17.377	53.259 17.305	56.
58	55.391 17.199	55.316 17.441	55 239 17.682	55.161 17.923	57 58
59	56.346 17.496	56.269 17.742	56.192 17.987	56.113 18.232	59
	57.301 17.792	the second secon	57.14418.292		60
61	58.256 18.089	58.177 18.343	58.09618.596	58.CI5 18.850	61
02 62	60.166 18.682	59.131 18.644 60.08418.945	60.00110.206	59.01710 168	62 63
64	61.121 18.979	61.038 19.245	60.954 19.511	00.868 19.777	64
65	62.076 19.275	61.992 19.540	61.906 19.816	61.819 20.086	65
66	63.031 19.572	62.946 19.847	62.858 20.121	62.770 20.395	66
67	63.98619.868	63.89920.148	63.811 20.426	63.721 20.704	67
60	65.80620.161	64.853 20.448 65.807 20.749	65.71621.025	65 622 21.013	68
70	66.851 20.7.58	66.760 21.050	66.668 21.340	66.574 21.621	69 70
		67.71421.350			· · · · ·
72	68.761 21.351	68.668 21.651	68.571 21.950	68.476 22.249	72
73	69.71621.647	69.622 21.952	69.525 22.255	69.427 22.558	73
	70.07121.944	70.575 22.253	70.478 22.560	70.378 22.867	74
75		71.529 22.553			
70	73.52722.824	72.483 22.854 73.436 23.155	72.382 23.109	72.281 23.486	76
28	74.492 23.130	74 390 23.455	74.287 23.779	74.183 24.104	77 78
1 79	175-447123-427	175.344123.750	175.24024.084	75.17421.412	79
		76.298 24.057			
81	77.357 24.020	77.251 24.358	77.144 24.694	77.03625.031	81
82	70.312 24.310	78.205 24.658 79.159 24.959	78.097 24.999	77.987 25.340	82
184	80.222 24.900	80.11225.260	80.002 25.608	79.880 25.058	83 84
85	81.177 25.206	81.066 25.560	80.954 25.913	80.840 26.267	85
86	82.132 25.502	82.02025.861	81.906 26.218	81.791 26.576	86
87	83.087 25.799	82.974 26.162	82.859 26.523	82.742 26.885	87
88	84.042 20.096	83.927 26.462 84.881 26.763	83.81126.828	83.693 27.194	
09	85.052 26.680	85.835 27.064	85.71627.133	86 606 27 812	89
1	86.017 26.08:	86.780 27.264	86.668 27.747	86 546 28 121	90
92	87.862 27.282	86.789 27.365 87.742 27.665	87.62128.047	87.498 28.420	91 92
02	100.017127-578	100.090 27.900	88.573 28.252	88.440128.720	93
94	89.772 27.875	89.650 28.267	89.52628.657	89.400 29.048	94
· · · · · · · · · · · · · · · · · · ·	90.727 28.171		90.478 28.962		95
90	91.082 28.408	91.557 28.868	91.430 29.267	91.302 29.666	96
9/ 98	93.592 29.061	92.511 29.169 93.465 29.470	93.335 29.876	92.204 20.284	97 98
99	94-547 29-357	94.418 29.770	94.288 30.181	94.155 30.593	99
100	95.502 29.654	95.372 30.071	95.240 30.486	95.106 30.902	
Ø	E. W.IN. S.	E. W. N. S.	E. W. N. S.	E. W.IN. S.	E
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			18 De	grees.			19 D	1	
Dift	15	Min.	30 N		45	Min.	01	Min.	Diff
₽	N. S.	E. W.		E. W.	N., S.	E. W.	N. S.	E. W.	7
	0.950	0.313	0.948	0.317	C.947	0.321	0.946	0.326	1
2	1.899	0.626	1.897		1.894				
3	2.849	0.939		0.952	2.841	0.904	2.837		3
4	3.799	1.253	3.793	1.269	3.788		3.782		4
_5	4.748	1.566	4.742	1.586	4.735	1.607	4.728	1.628	5
6	5.098	1.879	5.690	1.904	5.682	1.929	5.673	1.953	6
· 7 8	6.648	2.192		2.221	6.629		6.619		7
	7.598	2.505	7.587	2,538	7.575 8.522	2.572		2.605	
9 10	8.547 9.497	2.818 3.132	8.535	2.856 3-173	9.469	3.214	8.510	2.930 3.256	9 10
									·
	10.447 11.396	3.758	10.432 11.380	3.490	10.410		10.401 11.346	3.581 3.907	11
	12.346		12.328	4.125	12.310		12.292	4.232	13
	13.296		13.276		13.257	-4.500	13.237	4.558	14
	14.245		14.225	4.759	14.204	4.822	14.183	4.884	15
16	15.195	5.011	15.175	5.077	15.151	5.143	15.128	5.209	16
17	16.145	5.324	16.121	5.394	16.098	5.464	16.074	5.535	17
	17.095	5.637	17.070	5.711	17.045 17.992	5.786	17.019 17.965	5.860	
	18.044		18.018		17.992			6.186	
	18.994		18.966	6.346			18.910	6.511	20
	19.944		19.915		19.886		19.856	6.837	21
	20.893		20.863		20.832		20.801	7.163	22
	21.843 22.793		21.811 22.760		21.779	7.393 7.715	21.747 22.692	7.488 7.814	23
25		7.829		7.022	22.726 23.673	8.036	23.638	8.139	24 25
	24.692		24.656	8.250	24.620		24.584	8.465	20
	25.642				25.567	8.357	25.529	8.790	27
	26.592	8.768	25.605 26.553		26.514		26.475	9.116	28
	27.541		27.501		27.461			9.442	29
	28.491		28.450	9.519	28.408	9.643	28.366	9.767	30
31	29.441	9.708	29.398	9.836	29.355	9.965	29.311	10.093	31
32	30.390	10.021	30.346	10.154	30.302	10.286	30.257	10.418	32
33	31.340	10-534	31.295	10.471	31.249	10.608	31.202		33
							32.148		34
			33.191		33.143		33.093		35
30	34.189	11.274	34.140	11.423	34.089	11.572	34.039		36
37	35.139	11.587	35.088	11.740	35.036	11.833	34.984	12.046	37
30	27 028	12.900	26 08 1	12.057	35 983	12.215	35.930 36.875	12.607	38 39
40	37.088	12.526	37.933	12.602	37.877	12.868	37.821	12.022	39 49
42	30.930	12.040	20.820	12.227	30.024	12 500	38.766 39.712	13.340	41 42
43	40.827	12.466	40.778	1:.644	10.718	17.822	40.657	14.000	43
44	41.787	13.779	41.726	13.961	41.665	14.143	41.603	14.325	44
+5	42.736	1.4.092	42.674	14.278	42.612	14.465	41.603 42.548	14.651	45
	43.680								46
	44.636	14.719	44.571	14.913	44.506	15.108	43-494 44-439	15.302	47
48	45.586	15.032	45.519	15.230	45.453	15.4201	45.3851	15.027	48
49	46.535	15.345	46.468	15.548	46.400	15.751	46.330 47.276	15.953	49
									50
	E. W.	N. S.	E. W.		E. W.		E. W.		0
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Diậ.	15	Min.		Min. 1	45	Mm.	0 N			
?~	N. S.	E. W.	N. S.	E. W.		E. W.	1	E.W.	à.	
	48.435	13.971	48.364				48.222			
51 52	49.384	16.284		16 500	40.240	16.71	49.167	16.604	51	
53	50.234	16.597	50.261	16.817	50.187	17.036	50.113	17.255	52 53	
54	51.284	16.911	j1.200	17.134	51.134	17.358	51.058	17.581	54	
55	52.233	17.224	52.158	17.451	52.081	17.679	52.00.1	17.906	55	
56	53.18.3	17.537	53.100	17.769	53.028	18.001	52.949	18.232	56	
57	54-133	17.85.0	54.054	10.080	53.975	18.322	53.895	18.557	57	
58	55.083	18.165	55.003	18.403	54.922	18.644	54.840		58	
59	56.032 56.982		55.95 · 56.89	10.028	55.809	18.905	55.786 56.731	19.209	59	
<u>60</u>									6c	
61	57.932 58.881	19.103	57.840 58.79t	19.355	57.763		57.677		61	
	59.831		59.744			20.251	58.622		62	
64	60.781	20.042		20.307	60.604	20.572	60 (12	20.836	63 64	
65	61.730	20.2:5	61.641	20.024	61.550	20.894	61.459	21 152	6;	
	62.680	20.669	62.589	20.942	62.497			21.488	66	
67	63.63c	20.982	103.05/	~	63.444	21.33E	63.350	21.813	67	
	64.580		64.48c	21.576	64.391	21. 8 58	ó4.295	22.134	68	
	65.529		65 43-		05.330	22.179			69	
70	66.479		66.382		60.28.	· · · · ·			<u>7</u> °	
71	67.429	22.234	67.331 68.279	22.528 22.846	67 232	22.822	07.132	23.115	71	
. 72	68.378 69.328	22.548 22.861	69.227	22.040	60.179	23.144	63.077 69.013	23.441	72	
	70.27b				70.071	23.787	69.968		73 74	
	71.227	23.437	71.124	23.797			70.914		75	
	72.177	23.800	72.07:	24.115	71.067	24.429	71.860	24.743	76	
	73.127	24.113	. ,	24.432		24.751			77	
	74.077	24.420			173.801	125.072	73.751	25.394	78	
79 85		24:740		25.067	74.807	25.394	74.656		79	
	25.976	25.053		25.384	<u>5.754</u>	25.715	75 642		80	
81	76.926						76.587		81	
	17.875 73.825	25.679	77.702	26.336	77.048	20.358	77.533 78 478	20.097 27.022	82	
	79.775	25.992	79.65	26.0.1	74.649	27.001	179.424	27.248	83 84	
	80.72.4	26.619	80.607	26.97c	80.48		80.369		85	
	81.67+	26.932							86	
87	82.624		82.504	27 605	82 383	27.96;	82.260	28.325	87	
88	83.574	17.558	85.452	27.922	83.33	28.287	81.315 82.260 83.206	28.650	88	
	84.523		54.400	-0.240	104.2//	20.000	104.121	~0.9/0	89	
	85.473	28.18.1	85.345				85.497		90	
	86.423	28.498	86.297	28. 74	86:171	29.251	80.042		91	
	87.372	28.811	87.245 88.194			29.572 29.894	86.988		92	
	88.322 89.272	29.124 29.437	89.142	29.826	80.01	29.094	87.933 88.879		93	
	90.221	29.750	9 0.090	30.143	89.948	30.517	89.824		94 95	
-	91,171	30.063	101.02	30.16	0.2 00.	26.8:8	00 7-0	31.255	<u>95</u> 96	
97	92.121	20.277	91.98	30.778	01.8:3	31.180	91.715		90 97	
98	93.071	30.690	92.935	31.045	192.794	31.501	92.661		98	
99	94.C2	31.003	93.08.	31.413	93.740	31.823	93.000	32.291	99	
100	94.97C			31.730	94.693		94.552		100	
D.	E. W.	N. S.	<u>E. w.</u>		E. W.	N. S.	-	N. S.	5	
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D	15	Min.	30	Min	45	Min		Ain.	D.		
,⇒	N S.	E. W.	N. S.	E. W.		E. W.	N. S.	E. W.	₹.		
	0.944	0.33¢	0.943	0.334	0.941	0.338	0.940	0.342			
2	1.888	0.659	1.885	0.66	1.082	0.676	1.879	0.684	2		
3	2.832	0.989	2.828	1.001	2.824	1.014	2.819	1.026	3		
4	3.776	1.319	3.771	1.335	3.765	1.352	3.759	1.368	4		
5	4.720	1.648	4.713	1.665	4.706	1.690	4.698	1.710	5		
6		1.978	5.656	2.00j	5.647	2.028	5.638	2.052	6		
7	6.609	2.308	6.598	2.330	6.588	2.365	6.578	2.394	7 8		
8	7.553 8.497	2.632	7.541 8.484	2.67C	7.529 8.471	2.703	7.5.48	2.736			
9 10	9.441	2.967 3.297	9.486	3.004 3.338	9.412	3.041 3.379	8.457 9.397	3.078 3.420	9 rc		
-											
11 12		3.627 3.956	10.365 11.312	3.072 4.006	10.353 11.294	3.717 4.055	10.337 11.27 6	3.762 4:104	11		
13		4.285	12.254	4.34c	12.235	4.393	12.216	4.446	12 13		
14	13.217	4.61t	13.197	4.673	13.177	4.731	13.156	4:788	13		
15	14 161	4 945	14.140	5 007	14.118	5.069	14.095	5.130	15		
16	15.105	5.275	15.082	5 34	15.059	5.407	15.035	5.472	16		
17	16.050	5.605	16.025	5.675	16.000	5.745	15.975	5.814	17		
18	16.994	5.934	16.968	6.009	16.941	6.c83	16.914	6.156	18		
19		6.264	17.910	6 342	17.882	6.420	17.854	6.498	19		
20	18.882	6.594	18.853	6 .676	18.824	6.758	18.791	6.840	20		
21	19.826	6.925	19.795	7.01C	19.765	7.096	19.733	7.182	21		
22		7.253	20.738	7.344	20.706	7.434	20.673	7.524	22		
23		7.583	21.681	7.678	21.647	7.772	21.613	7.866	23		
24	22.658	7.913	22.623	8.011	22.588	8.110	22.553	8.208	-24		
25	23.602	8.242	23.566	8.345	23.529	8.448	23.492	8.550	25		
26	24.546	8.572	24.509	8.579	24.471	8.786	24.432	8.893	26		
	25.490	8.902	25.451	9.013	25.412	9.124	25.372	9.235	27		
	26.435 27.379	9.231 9.561	26.394 27.337	9-347 9.58c	26.353 27.294	9-462 9.800	26.311 27.251	9·577 9·919	28		
30	28.323	9.891	28.279	10.01.1	28.235	10.13	28.191		29 30		
31	29.267	10.220	29.222	10.348	-	10.476	29-130				
	30.211		30.164	10.682	30.118	10.4/0	30.070		31		
	31.155	10.880	31.107		31.059		31.010		32 33		
	32.099				32.00C	11.489	31.949	11.629	34		
		11.539	32.992	11,683	32.941	11.827	32.889	11.971	35		
36	33.987	11.860	33.935	12.01;	33.582	12.165	33.829	_	36		
	34.931		34.878	12.35 ;	34.824	12.503	34.769	12.655	37		
38	35.875	12.528	35.820		35.765	12.841	35.708		38		
	36.820		3 6 .763	13.015	36.706		36.648		39		
I	-	13.188		13.3;1		13.51-	37.588		40		
	38.708					13.855	38.527	14.023	41		
			39.591				39.468		42		
43	40.596	14-177	40.534	14.354	40 471		10.407		43		
44	41.540	14.500	41.476	14.000			41.346 42.2 8 %		44		
	42.484	-			42.353				45		
	43.428		43.301	15.355		15.544	13.225		46		
47	14.3 72 45.316	15.495	44.304 45.247			15.882	44.165 45.105		47		
48 49	45.260	16.122	45.24/		+5.177	16.220	10.015		48		
		16.484	47.132			16.896		17 101	49 50		
-		N. S.		N. 5		N S	E. W.				
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			19 D	egrees.	7	•	1 20 D	egrees.	
Dift	15	Mm.,	30 1	Ain.	45	Min.		vitn.	Ĩ.
17	N. S.	Ē. W.	N. S.	E. W.	N. S.	E. W.	N. S.	E. W.	
51	48.14	16.814	48.075	17.02.	48.000	17.234	47.024	17 3 49	
52	49.0y3	17.144	49.017	17.352	48.941	17.572	48.864	17.7%	51
53	50.037	17.474	49.017 49. 96 0	17.692	19.48 3	17.910	49.804	18.127	. 52 53
54	50.981	17. 8 03	50.903	18.026	50.824	18.2.48	5C.743	18.469	53 54
55	51.925	17.803	51.845	18.360	51.765	18.586	51.683	18.811	55
50	1.2.00L	10.402	52.788	18.602	152 70h	1X 024	1 - 2 6	1	_
57	53.813	18.792	53.730	19.027	53.647	19.261	53.562	10.400	56
58	5 4.75 7	19.122	54.673	19.361	54.588	19.599	54.502	19.837	· 57 58
1 35	52.701	19.452	55.010	19.095	155.530	19.93~	155.442	20 170	59
60		19.781	56.558	20.024	50.471				60
61	57.589	20.111	57.501	20.362	57.412	20.613	57.321	20.863	61
02	58.534	20.441	58.444	20.696	58.353				62
64	59.478	20.770 21.100 21.430	59.380	21.030	59.294	21.289	59. 20 0	81.547	63
	61.366	21 420	61 272	21.304	61 17-	21.027	00.140	21.889	64
-	4	-1.430	01.2/2	21.090	01.177	21.905	01.080	22.231	65
60	62.310	21.760	62.214	22.031	62.118	22.303	62.020	22.573	66
68	64.108	22.089 22.419 22.749 22.749	54 100	22.305	61.059	22.041	02.959	22.915	67
60	65.142	22.740	66 042	22.099	64.000	22.979	03.899	23.257	68
70	66.086	23.078	65.085	22.267	6 88	23.654	54.059	23.599	.69
			66 027		66 80	-3.034	05.170	23.941	70
1 42	67.074	23.408 23.738	67 870	23.701	67 76	23.992	00.718	24.283	71
1 72	68.010	24.067	68.812	2.1 26X	68 706	24.330	37.058	24.025	72
74	69.863	24.397	69.755	24.702	60.647	25.006	50.597	24.907	73
75	70.807	24.727	70.698	25.016	70. 88	25.341	70.477	25.309	74
	71.751	25.056	71.641	25 220	71 520	26 682	10.4//	25.031	75
77		25.386	72.583	25.703	72 171	26.02C	71.416	25.994	76
78	73.639	25.716	73.526	26.037	73.412	26.355	72.350	16 679	77
79	74.583	20.046	74.469	26.371	74.353	26.690	74.226	27.000	78
80	75.527	26 .375	75.411	26.705	75.294	27.034	75.175	\$7.362	79 80
81	76.471	26.705	76.35.1	27.030	76.276	27.272	76	10.00	
82	77.415	27.035 27.364	77.296	27.372	77.177	27.709	77.055	27.704	18
83	78.359	27.364	78.239	27.706	78.115	28.04-	77.09.	28.288	82 83
04	79.304	27.094	79.182	28.040	79.059				84
	8⊃.2 _↓ 8	28.024	80.124	28.374	00.000	40.723	79.874	29.072	8;
86	81.192	\$8.353	81.067	28.708	81.941	29.061	80 812	20.114	86
87	82.136	28,68 3	82.01C	29.041	81.833	29.399	81.752	20 716	87
	83.08c	29.013	82.952	29.375		29.737	82.693	30.098	8.8
• 89 90	81 062	29.342 29.672	03.895	29.709	101.705	30.07:	83.632	30.440	89
		-		30.043	84.706		84.572		90
91	86 9 - 6	30.002	85.78:	30.377	85.647	30.75	85.512	31.124	91
92	87 800	30.331	87 664	30.711	186 280	21 0 201			92
94	89.689	30.991 31.321	80.000	31.712	80.471	31.704	88.331	32.150	94
9 6			3.3,1	30.046	-9.412	32.102	89.271	32.492	95
90	91.577	31.980	90.493 91.436	52.040	90.353	32.44C	90.210	32.834	96
		32.310	92.370	32.712	12 206	22.778	91.150	33.176	97
99		32.639	93.321	33.047	32.177	33.404	92.090	33.518	98
100		32.964	94.264	33.381	4.118	33.116 33.454 33.792	93.029	33.800	.99
1_	E. W.	~~~~	E. W	N. S.	E.W	N. S.	93.909 E. W	P+. 202	100
E		Min.	-	Min.		_		<u>N. S.</u>	
1	— <u> </u>		<u> </u>			Min.		Win.	Dift.
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)			20	Degrees.		1	1 21 D	grees.	1
<u>5</u>	15	Min.		Min,	The second se	Min.		Ain.	Ð
Din.	N. S.1	E. W.	N. S.	E. W	N. S.		N. S.		ļ,
			·						
1 2	0938 1.876	0.341 0.692	0.937 1.873	0.354 0.700	0.935 1.870	0.354	0.934 1.867	0.358	
3	2.815	1.038	2.810	1.051	2.805		2.801	0.717 1.075	
4	3.753	1.38.	3.747	I.401	3.741	1.417	3.734	1.433	
Ś	4.691	1.731	4.683	1.751	4.676		4.665	1.792	
6	5.629	2.077	5.620	2.101	r 611	2.120	5.601	2.150	
7	6.567	2.423	6.557	2.451	6.546		0.535	2.509	
- 8	7.506	2.764	7.493	2.802	7.481	2.834	7.469		
9	8.444	3.115	8.430	2.451 2.802 3.152	8.416	3.189	8.402	3.225	
IC	9.382	3.461	9.367	3.502	9.351	3.543	9.336		1.
11	10.320	3.807	10.303	3.852	10.287	3 897	10.260	3.942	1
12	11.258	4.153			11.222	4.251	10.269 11.203	4.300	
13	12.196	4.500	12.177	4.553		4.606	12.137	4.659	
	13.135	4.846			13.092	4.96 a	13.070	5.017	
15	14.073	5.192	14.0;0	5.258	14.027		14 004	5 376	1
16	15.011	5.538	14.987	5.003	14.962	5.669	14.937	5.734	ī
17	15.949		15.923	5.95,4	7د8.21	6.023	15.871	6.0gz	
18	16.887	6.230	16.860	6.304	16.833	6.377	10.804	6.451	Į z
	17.826		17.797	0.054	15.897 16.833 17.768 18.703	0.732	17.738 18.672	6.809	
20	18.764	6.922	18.733						
21	19.702	7.269	19.670				19.605	1 50	
	20.640		20.607		20. 57.3	7.794	20.539	7.884	
24 24	21.578		21.543	8.055	21.508	8.149	21.472	8.243	
25	22.517 23.455	8.307 8.653	22.480 23.417	8.405 8.755	22.443	0.501	22.400	8.601	1 7
		-			23.378		20.539 21.472 22.406 23.339	8.959	
27	24.393	8.999	24 353	9.105	24.314	9.414		3.200	
28	25.331	9·345 9.691	25.290		25.249 26.184	9.566			
		10.037		10.156			26.14¢ 27.074		4
3 č		10.384		10.506		10.629	28.007	+0.7 (1	
	29.084		29.036				28.941		1-4
32			29.973		20.02.1	10.903	-9.875	11.168	3
			30.910		30.860	11.602	30.808	11.826	
			31.847		31.795	12.046	31.741	12.184	3
35	32.837	12.114	32.783	12.257			32.675		
36	3.775	12 400	33.720	12.608	13.005	12.754	33.609	12.901	
37		12.856		12.958	34.600	13.100	34.54\$	13.260	1,
		13.153	35 593	13.308	35.535	13 463	35.476	13.018	3
		13.499		13.6,8	36.470	13.817	35-47 6 36.410	13.976	1 9
40	37 5.8			14.008	37.400	14.172	57.343	4-935	4
41		14.191	38.403		38.341	14.526	33.277		TA
	39.404	14:537	39.340	14.700	39.276	14.880	19.210	15.052	1.4
• -	40.342	:4.883	40.277	15.059	40.211	15.234	40.144	15.410	4
44	+1.200	13.449	41.213	13.409				15.768	יו
45		15.575		15.759		15.943	1	16.127	4
-		15.922		16.110		16.297		16.485	4
47	+1.095	10.208	44.023	10.400	+3.952	10.052		16.843	4
	43.033	16.060	44.960 45.8 97	17 160	14.007	17.006		17.202	4
49	10,000	17.206	46.833	17.510	+3.022	17.360	16.674	17 918	
<u> </u>		N. S.				the second se			5
<u>c</u>							. w.		b
Di⊕∙	45 M	lin.	1	1m.		Min.	ON	fin:	₽
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				by Degr	565.				Ę

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-			10.10	egrees.		 ;	1		
10	, 	Min.	20 0	and the second day	II	Mín.		grees.	1_
Dia	N. S		N. S.	TE. W.	45 N. S.			Min.	I I I I I I
-	-		n				N. 5.	E. W.	
5	1 47.848	17.652	47.770	17.801	47.692	18.069	47.613	18.277	51
9	2 48.786 3 49.724	18.244	49.644	18.001	40.562	18.777	40.540	18.035	52
5	4 50.662	18.690	50.50	18.911	50.408	19.132	50.413	10.352	53 54
15		19.037	51.517	19.262	51.433	19.486	51.347	19.710	55
5	6 52.539	19 383	52.454	19.612	52.368	19.840	52.280	20.060	c 6
5	7 53.477	19.729	53.390	19.962	53.303	20.195	53.214	20.427	57
5									
5	55.353	20.767	56.200	21.012	55.173	20.903	55.081 56.015	21.144	59
	1 57.230				50.100		50.015	21.304	
6	2158.168	21.400	57.137 58.074	21.712	57.070	21.019	54.940	22 210	61 62
6	3 59.106	21.806	59.010	22.063	58.914	22.320	58.816	22.577	63
6	2 58.168 3 59.106 4 60.044	22.152	59.947	22.413	59.849	22.675	59.749	22.936	64
10	5100.982	~÷.490	00.004	44.704	00.784	23.029	00.083	23.294	65
6	661.921 762.859	22.844	01.820	23.114	61.719	23.383	61.616	23.652	66
6	8 62 707	28.526	63.604	27.814	02.054	23.737	62.550	24.011	67
6	63.797	23.882	64.630	24.164	64. (20	24.446	64.417	24.728	.68 69
7	65.673	24.228	65.567	94.515	65.460	24.800	65.351	25.086	70
71	66.611 67.550 68.488 69.426 70.364	24.575	66.504	24.865	66.395	25.155	66.284	25 444	71
77	67.550	24.921	67.440	25.215	67.330	25:509	67.218	25.803	72
78	488	25.207	08.377 68.377	25.565	68.265	23 863	68.151	26.161	73
1 79	70.364	25.054	70.250	26.266	70.126	20.217	09.00 5	20.519	74
1 76	71.202	120.201	17 I. I X7I	20.016	171 071	26 0041	70 0 40	0	
1 77	72.241	26.651	72.124	2 6 .966	72.006	27.280	71.886	27.504	76 77
78	73.179	26.997	73.060	27.316	72.941	27.635	72.819	27.953	78
79	74:117	27.343	73·997	27.007	73.876	27.989	73.753	28.311	79
8c 81									00
22	75.993	28.036	76.807	28.717	75.740	28.097	75 020	29.028	18
83	77.87C	28.382 28.728	77.744	29.007	77.617	20.406	77.487	29.300	82 83
	70.000	49.074	0.080	29.413	78.552	29.760	78.421	30.103	84
\$5	79.746	29.420	79.617	49.7088	70.4871	90. F F # H	20 2 2 41	20 461	85
86	80.684 81.623 81.561 83.499	29.766	80.554	30.118	80.422	30,469	80 288	30.820	86
17 20	81.023	30.112	31.490 82 437	30.408	81.357	30.823	81.221	31.178	.87
80	81.400	20.804	83.364	31.160	82.222	21.278	82.08	31.537	88
7	P4+45/	5 4. 15 10	-4-2-01	o • • a • yii	04.1031	51.0000	04.0221	33.2521	89 90
ġ1	89.374	31.497	85.237	31.869	85.008	2.24C	81.0:6	22.612	
92	85.375 86.313	31.843	86.174	32.219	86.033	2.595	85.889	2.970	91 92
	07.2421	34.1001	07.1101	\$2.5700	80 ONX 3	22:0400	801. X > > 1:	77 2281	93
12	88.19c 89.128	22.881	88.082	13.270	87.903 88 8-9	3.303	07.757	3.687	94
	90.066	10 200	89.920	2 600	80.030	3.050	0.090	\$4.045	-95
97	90.066 91.00: 91.94? 93.88 93.81:	33.574	90.857	3.070	99:7733 90:766	4:266	P9.024	4.404	96
jź	91.94?	13.920	91.794	4.321	Q1.644	4.720	91.491	35.120	97 98
99	92.88	34.266	92.730	4.671	92.579	35:075	92.424	35.479	99
100	93.81	34.012	93.007 E. W	15.021	93.514	35.429	3.358	35-837	100
ġ	c. W.	N. S.	E. W.[N. S.	E. W.	N. S.	E. W.I	N: S.	E 1
67	45	Min.	30 1	-	-	Ain. Il	οM	IJ).	F
			desident and the second	69 De	Rei es.				

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-		21 Degrees	s.		22 D	grees	i l
9	15 Min.	30 Min.	1 45 1	Min.		Min.	Dif
13	N. S.J. W.	N. S.E.	W. N. S.	E. W.	N. S.	E. W.	₹
T	0.932 0.362	0.930 0.3		0.371	0.927	0.375	1
2		1.861 0.7			1.854	0.749	2
3		2.791 I.C 3.722 I.4		1.112	2.782 3.709	1.124 1.498	3
4		4.652 1.8		1.853	4.636	1.873	4
6		5.583 2.1	99 5.573	2.223	5.563	2.248	-6
7	6.524 2.537	6.513 2.5		2.594	6.490	2.622	7
8		7.443 2.9		2.964	7.417	2.997	
19 10		8.374 3.2 9.304 3.6		3·335 3.7°6	8.345 9.272	3.371 3.746	9 10
11		10.235 4.0		4.076	10.199	4.121	11
	11.184 4.349		98 11.146		11.120	4.495	12
13	12.116 4.712	12.095 4.7	64 12.075	4.817	12.053	4.870	13
14		13.026 5.1	- 11 -		12.981 13.908	5.245 5.619	14
15		13.950 5.4			-		15
16	T J		64 14.861 30 15.790	5.929 6.300	14.835	5.994 6.368	16 17
	16.776 6.524	16.748 6.5	47 16.719		16.689	6.743	18
	17.708 6.886	17.678 6.9	97 16.719 63 17.647	7.041	17.616	7.118	19
20	18.64° 7.249	18.608 7.9	30 18.576	7.411	18.544	7.492	20
21			96 19.505	7.782 8.152	19.471	7.867 8.241	21 22
22 23		20.469 8.0 21.400 8.4	63 20.434 29 21.363	8.523	21.325	8.616	23
	22.368 8.699	22.330 8.7	96 22.291	8.893	22.252	8.991	24
25		23.260 9.1	62 23.220	9.264	23.179	9.365	25
26			29 24.149		24.107	9.740	26
	25.164 9.786	25.121 9.8		10.005	25.034	10.114 10.489	27 28
	26.c96 10.148 27.028 10.511	26.052 10.2		10.376 10.746		10.864	29
	27.960 10.873	27.91310.9		11.117	27.815	11.238	30
31	The second secon	28.843 11.3	61 28.793	11.487	28.743		31
32	29.821 11.598	29.773 11.7		11.858		11.988	32
33	30 756 11.961	30.704 12.0	94 30.051	12.228	21.597	12.362 12.737	33 34
35	31.688 12.323 32.620 12.685	32.565 12.8			32.451		35
36		33.495 13.1			33 378		36
37	31.484 13.410	34.426 13.5	60 34.366	13.711	34.306	13.861	37
38	35.416 13.773	35.35613.9	27 35.295	14.081	35.233 36.160		. 38
39 40	5 51 1 50		93 30-224 60 37.152	14.452	37.087		39 40
41						15.359	41
42	38.21214.86c 39.14415.222			15.564	38.942	15.734	42
	10.076 15.585	40.008 15.7	59 39.934	15.934	39.869	16.108	43
44	41.008 15.947	40.938 16.1	26 40.868	10.305	40.796 41.723		44
		41.869 16.4		16.675		17.232	45
46		43.790 16.8	56 48.725	17.046	43.577		40
48	43.804 17.035 14.736 17.397	44.660 17.5	92 44.583	17.787	44·5°5	17.981	48
49	45.668 17.760	45.591 17.9	58 45.512	18.157	45.432	18.356	49
50	46.600 18.122	46.521 18.3	25 40.440	18.528	E. W	18.730 N: 5.	
l y l	E W.IN. S.	E. W. N.	S. E. W.	N. S.		-	Dif
DiĄ.	45 Min.	30 Min.	and in the second second	Min.	0 5	110 <u>4 m</u>	?
1 ľ		_6	8 Degrees	•	,		

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1		21 Degrees.		22 Degrees.	1
B	15 Min.	30 Min.	45 Min.	o Min.	Dia
17	N. S.E. W.	N. S.E. W.	N. S. E. W.	N. S. E. W.	
51	47.533 18. 184	47.451 18.691 48.382 19.058	47.369 18.899	47.286 19.105	54
52	48.465 18.847	48.382 19.058	48.298 19.269	48.213 19.480	54
53	60. 320 10. 572	49.312 19.424 50.243 19.791	49.227 19.040	50.068 20.220	53 54
55	51.26119.934	51.173 20.157	51.085 20.381	50.995 20.604	55
56	52.193 20.297	52.104 20.524	52.013 20.751	51.922 20.978	56
57	53.125 20.059	53.034 20.00	52.942 21.122	52.849 21.353	57
1 58	54.057 21.022	53.964 21.257	53.871 21.492	53.77621.727	58
59	55.02121.746	54.895 21.623	54.800 21.803	55.621 22.477	59 60
					61
62	57.785 22.471	56.75622.356 57.68622.723	57.586 22.975	57.485 23.226	62
63	58.717 22.834	58.61623.089 59.54723.456	58.515 23.345	58.412 23.600	63
64	59.649 23.196	59.547 23.456	59.444 23.716	59.34c 23 .975	64
		60.477 23.822			65
66	01.51323.921	61.408 24.189 62.338 24.555	01.301 24.457	01.194 24.724	66 67
67	62.277 24.646	63.269 24.922	63.150 25.108	63.048 25.472	68
69	64.309 25.008	64.199 25.288	64.088 25.569	63.975 25.848	69
70	65.241 25.371	65.12425.655	65.017 25.939	64.903 26.223	70
71	66.173 25.733	66.060 26.021	65.946 26.310	65.830 26.597	71
72	67.105 26.096	66.990 26.388	66.874 26.680	66.757 26.972	72
73	68 060 26 80	67.921 26.754 68.851 27.121	68 292127 421	68 61 127 721	73 74
74	60.001 27.182	69.781 27.487	69.661 27.702	69.538 28.096	75
	70.833 27.549			70.466 28.470	76
1 7	71.765 27.90	71.642 28.220	71.518 28.533	71.393 28.845	77
7	8 72.697 28.270	72.573 28.587	72.447 28.904	72.320 29.220	78
79	73.629 28.03	73-503 28.953	73.376 29.274	73.247 29.594	79 80
		74.434 29.320	and the second s	And and a subscription of the local division	81
8	75.493 29.358	75.36429.686	75.234 30.015	75.102 30.343	
8	77.35-30.083	77.225 30.419	77.091 30.756	76.95631.093	83
84	178.289 30.445	77. 25 30.419 78.155 30.786 79.086 31.152	78.02031.127	77.883 31.467	84
8.	79.221 30.807	79.08631.152	78.94931.498	78.810 31.842	85
86	680.15331.170	80.01631.519	79.87831.868	79.737 32.216	86
8	101.085 31.532	80.947.31.885	81.721.22.600	81 502 28.065	.87 88
8	82.94932.257	82.807 32.618	82.664 32.980	82.51933.340	
9	83.881 32.620	83.738 32.985	83.59333.350	83.44633.715	90
0	84.813 32.48	84.668 33.351	84.522 33.721	84.373 34.080	91
9	2 85.745 33.344	85.599 33.718	85.45134.092	85.301 34.464	92
93	180.677 33.707	86.529 34.084 87.459 34.451	87 208 24 800	80.228 34.839	93
94	5 88.541 34.432	88.34034.817	88.237 35.203	88.08235.588	94 95
-	5 89.473 34.794			89.009 35.963	96
9	90.40535.157	90.251 35.550	90.09535.944	89.936 36.387	97
9	891.33735.519	90.251 35.550	91.023 30.315	90.864 36.712	98
1 90	92.26935.889	92.112 30.283	191.952 36.685	91.791 37.080	
		93.042 36.650 E. W. N. S.			
Dia:				E. W.IN. S.	Diff.
17.	45 Min.		egrees.		17
					107.2

[46]

1		1	22 I	Degrees.		1.12	23	Degrees.	Γ
0	15	Min. 1	30	Min.	45	Min.	- 0	Min.	9
P		E. W.	N. S.	E. W.	N. S.	E. W.	N.	S. E. W.	2
1	0.926	0.379	0.924	0.383	0.922		0.9	21 0.391	-
2	1.851	0.757	1.848		1.844				
3	3.777	1.136	2.772						
4	3.702	1.515	3.696		3.689 4.611				1 .
5		1.893					4.6		
6	5.553	2.272	5.543	2.296					- ·
78	7.404		7.391	3.061			7.3		
9	0		8.315	3.444	-8.300		8.2	85 3.517	
10		3.786	9.239	3.827	9.222		9.2	05 3.907	10
11	10.181	4. 165	10.163	4.209	10.144	4.254	10.1	26 4.298	1
12		4.544	11.087	4.592					
13	12.032	4.922	12.010		11.998				
14		5.680	12.934		12.911		12.8		
15			14.782						-
16			15.706		14.755			1	
17	16.660		16.630	6.888					
	17.585		17.554		17.522	7.347	17.4	90 7.424	1
20	18.511	7.573	18.478	7.654	18.444	7.734	18.4		-
21			19.401	8.036			19.3.	31 8.205	2
r	20.362	8.330	20.325	8:419	20.288				2:
23			21.249		21.211				
24	23.138		23.097	9.567					
-	24.064		24.021		23.977	_		33 10.150	-
27	24.900	10.223	24.015	10.222	24.800	10.441	24.8	CA 10.000	2
28	25.915	10.602	25.869	10.715	25.822	10.828	25.7	74 10.940	2
29	26.841	10.981	26.793	11.098	26.744	11.215	26.6	95 11.331	
30			1					15 11.722	
31			28.640					36 12.113	
								56 12.503 77 12.894	
33	31.468	12.874	31.412	12.011	30.433	13.148	31.2	97 13.285	3
35		13.253	32.336	13.394	32.277	13.535	32.2	18 13.676	3
-								38 14.066	-
37	34.245	14.010	34.184	14.159	34.121	14.308	34.0	59 14.457	3
38	35.171	14.389	35.107	14.542	35.044	14.695	34.9	79 14.848	3
39	30.096	15.146	30.031	14.925	35.966	15.082	35.9	2015.620	39
44	38.872	15.002	38.803	16.072	37.010	16.242	28.6	41 16.020	4
41	39.798	16.282	39.727	16.455	39.655	16.620		82 16.801	
44	40.724	16.661	40.651	16.838	40.577	17.015	40.5	02 17.192	4
45	41.649	17.039	41.575	17.221		17.402	41.4	23 17.583	4
46	42.575	17.418	42.498	17.603	42.421	17.789	42.3	43 17.974	4
47	43.500	17.797	43.422	17.986	43.343	18.175	43.2	64 18.364 84 18.75	4
48	44.420	18.554	44.340	18.309	44.200	18.502	44.1	05 19.140	4
49		18.932	46.104	19.134	45.100	19:335	46.0	35 19.536	49
- 10		N. S.	E. W.			N. S.		V.N. S	1
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$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	₽.	15	Min.	30 1	Min.	45 N	1:0.		Ain.	D.
$ \begin{array}{c} 53 + 99 \cdot 54 + 20 \cdot 56 + 43 \cdot 79 + 20 \cdot 49 \cdot 87 \cdot 120 \cdot 490 \cdot 83 \cdot 49 \cdot 77 \cdot 10 \cdot 99 \cdot 54 \cdot 55 \cdot 59 \cdot 20 \cdot 82 \cdot 49 \cdot 57 \cdot 20 \cdot 83 \cdot 49 \cdot 77 \cdot 10 \cdot 99 \cdot 54 \cdot 55 \cdot 59 \cdot 20 \cdot 82 \cdot 49 \cdot 53 \cdot 88 \cdot 49 \cdot 77 \cdot 81 \cdot 99 \cdot 54 \cdot 55 \cdot 59 \cdot 20 \cdot 82 \cdot 47 \cdot 95 \cdot 53 \cdot 85 \cdot 27 \cdot 27 \cdot 47 \cdot 56 \cdot 57 \cdot 17 \cdot 57 \cdot 57 \cdot 57 \cdot 57 \cdot 57 \cdot 57$	17	N. S.	E. W.	N. S.	E. W.	N. S.		N. S.	E. W.	₽
$ \begin{array}{c} 53 + 99 \cdot 54 + 20 \cdot 56 + 43 \cdot 79 + 20 \cdot 49 \cdot 87 \cdot 120 \cdot 490 \cdot 83 \cdot 49 \cdot 77 \cdot 10 \cdot 99 \cdot 54 \cdot 55 \cdot 59 \cdot 20 \cdot 82 \cdot 49 \cdot 57 \cdot 20 \cdot 83 \cdot 49 \cdot 77 \cdot 10 \cdot 99 \cdot 54 \cdot 55 \cdot 59 \cdot 20 \cdot 82 \cdot 49 \cdot 53 \cdot 88 \cdot 49 \cdot 77 \cdot 81 \cdot 99 \cdot 54 \cdot 55 \cdot 59 \cdot 20 \cdot 82 \cdot 47 \cdot 95 \cdot 53 \cdot 85 \cdot 27 \cdot 27 \cdot 47 \cdot 56 \cdot 57 \cdot 17 \cdot 57 \cdot 57 \cdot 57 \cdot 57 \cdot 57 \cdot 57$	51	47.203	19.311	47.118	19.547	47.032	19.722	46.040	19.927	-
$ \begin{array}{c} 53 + 99 \cdot 54 + 20 \cdot 56 + 43 \cdot 79 + 20 \cdot 49 \cdot 87 \cdot 120 \cdot 490 \cdot 83 \cdot 49 \cdot 77 \cdot 10 \cdot 99 \cdot 54 \cdot 55 \cdot 59 \cdot 20 \cdot 82 \cdot 49 \cdot 57 \cdot 20 \cdot 83 \cdot 49 \cdot 77 \cdot 10 \cdot 99 \cdot 54 \cdot 55 \cdot 59 \cdot 20 \cdot 82 \cdot 49 \cdot 53 \cdot 88 \cdot 49 \cdot 77 \cdot 81 \cdot 99 \cdot 54 \cdot 55 \cdot 59 \cdot 20 \cdot 82 \cdot 47 \cdot 95 \cdot 53 \cdot 85 \cdot 27 \cdot 27 \cdot 47 \cdot 56 \cdot 57 \cdot 17 \cdot 57 \cdot 57 \cdot 57 \cdot 57 \cdot 57 \cdot 57$	32	48.128	19.690	48.042	19.899	47.954	20.109	47.866	20.318	
$ \frac{55}{9} \frac{50}{9} \frac{50}{9} \frac{50}{2} \frac{50}{2} \frac{50}{2} \frac{50}{1} \frac{51}{2} \frac{50}{2} \frac{50}{2} \frac{50}{2} \frac{51}{2} \frac{50}{2} \frac{50}{2} \frac{50}{2} \frac{51}{2} $	53	H9.054	120.008	48.900	20.282	40.077	20.496	48.787	20.700	
	54	49.979	20.447	49.890	20.005	49.799	20.882	49.707	21.099	
$ \begin{array}{c} 57 \left[52.76 \left[21.83 \right] 52.661 \left[21.813 \right] 58.56 \left[22.042 \right] 52.469 \left[22.272 \right] 97 \\ 58 \left[53.681 \right] 21.962 \left[53.58 \right] 52.195 \\ 59 \left[54.677 \right] 22.340 \\ 54.59 \left[22.719 \right] 55.433 \left[22.961 \right] 55.33 \\ 23.205 \\ 55.33 \left[23.205 \right] 54.467 \\ 23.205 \\ 55.33 \left[23.205 \right] 54.476 \\ 55.33 \left[23.205 \right] 55.33 \\ 23.205 \\ 55.33 \left[23.205 \right] 55.21 \\ 55.33 \left[23.205 \right] 55.20 \\ 55.33 \left[23.205 \right] 57.70 \\ 23.205 \\ 57.20 \\ 24.25 \\ 57.25 \\ 27.25 \\ 24.234 \\ 59.23 \\ 57.25 \\ 24.234 \\ 59.23 \\ 57.25 \\ 24.234 \\ 59.23 \\ 57.25 \\ 24.234 \\ 59.23 \\ 57.25 \\ 24.234 \\ 59.23 \\ 57.25 \\ 24.234 \\ 59.23 \\ 57.25 \\ 24.234 \\ 59.23 \\ 57.25 \\ 24.234 \\ 59.23 \\ 57.25 \\ 25.25$										
	50	51.030	21.204	51.737	21.430	51.043	21.656	51.548	21.881	56
	57	53.681	21.062	152.585	22.100	53.488	22.042	52.409	22.272	\$7
	1 50	54.607	22.340	54.500	22.578	54.410	22.816	54.210	22.052	20
	1 00	405-25-4	44. / 19	155.477	144.901	******	29.202	156.270	22.444	60
$ \begin{array}{c} 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 $	61	56.458	23.098	\$6.357	23.343	\$6.254	22.580	26.101	22.835	61
$ \begin{array}{c} 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 $	62	57.383	23.476	57.281	23.726	57.176	23.976	57.071	24.225	62
$ \begin{array}{c} 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 $	63	58.309	23.855	58.204	24.109	58.099	24.363	57.992	24.616	63
$ \begin{array}{c} 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 $	64	59.235	24.234	59.128	24.492	59.021	24.749	58.912	25.007	64
$ \begin{array}{c} 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 $	1 05	00.100	44.012	00.052	4.874	59.943	25.136	59.833	25.397	65
$ \begin{array}{c} 08.937 (8.743, 02.884, 120.022, 02.710, 20.296, 02.594, 120.570, 63 \\ 69.63.862, 120.187, 63.748, 120.022, 02.710, 05.476, 121.020, 296, 05.294, 120.570, 64 \\ 70.64.788, 126.595, 64.672, 126.788, 64.554, 127.076, 64.435, 127.391, 70 \\ 71.65.713, 120.884, 15.595, 127.170, 65.476, 127.456, 153, 156, 127.742, 71 \\ 72.66.639, 127.263, 66.519, 127.553, 66.398, 127.843, 66.276, 128.133, 72 \\ 73.67.564, 127.641, 67.443, 127.956, 165, 129.003, 165, 127, 128.523, 73 \\ 74.68.490, 128.020, 68.367, 128.318, 186, 82.43, 128, 126, 167, 129.035, 169, 117, 128.914, 74 \\ 75.69.41, 128.777, 70.215, 129.084, 70.087, 129.030, 69.95, 120.936, 105, 177, 128.543, 176, 105, 129.003, 163, 171.729, 10.477, 139, 129.553, 72.063, 129.849, 70.087, 129.030, 69.95, 129.035, 75, 103.036, 77 \\ 77.1.267, 129.156, 71.139, 129.466, 71.009, 29.777, 70.879, 30.086, 77 \\ 77.71.267, 129.156, 71.139, 129.466, 71.009, 29.777, 70.879, 30.086, 77 \\ 77.71.267, 129.157, 72.063, 129.849, 71.032, 30.163, 71.799, 30.477, 78 \\ 73.118, 29.913, 72.987, 30.232, 72.554, 30.553, 72.740, 30.868, 79 \\ 87.4.043, 30.292, 73.910, 30.614, 73.776, 30.937, 73.669, 31.288, 79 \\ 87.4.043, 30.292, 73.910, 30.614, 73.776, 30.937, 73.669, 31.288, 79 \\ 87.4.043, 30.292, 73.910, 30.614, 73.776, 30.937, 73.669, 31.288, 78 \\ 87.7.745, 31.807, 77.606, 32.1458, 77.66, 32.31.324, 74.561, 31.649, 81 \\ 82.75, 894, 31.049, 75.758, 31.380, 75.620, 31.710, 75.481, 32.040, 82 \\ 83.76, 820, 31.488, 76.662, 31.762, 76.543, 32.097, 76.403, 32.431, 83 \\ 84.77.745, 31.807, 77.606, 32.1458, 77.66, 32.484, 77.322, 32.821, 84 \\ 85.78, 67, 132.185, 78, 503, 32.528, 78, 83, 73.287, 78.287, 78.237, 73.232, 82, 133 \\ 84.79, 596, 82.254, 83, 83.429, 107, 93.90, 33.257, 79.163, 33.603, 85 \\ 87.80, 522, 32.943, 80.378, 33.293, 80.231, 33.644, 80.084, 33.994, 87 \\ 88.81, 448, 33.321, 81.301, 33.676, 81.154, 34.030, 81.004, 34.384, 88 \\ 89.82, 37, 38, 700, 82.225, 34.059, 82.076, 34.417, 81.923, 34.775, 89 \\ 90.83, 852, 90, 34.078, 83.499, 35.497, 92.998, 34.803, 82.843, 35.169, 738, 34.843, 31.999 $	66	61.086	24.991	60.976	25.257	60.865	25.523	60.753	±5.788	66
	27	69 000	25.370	01.900	25.040	01.787	25.910	01.674	26.179	67
71 $65, 713$ 26.884 $b5, 595$ 27.170 $65, 476$ 27.456 $65, 356$ 27.742 71 72 $66, 639$ 27.263 $66, 519$ 27.553 $66, 398$ 27.843 $66, 276$ 28.533 73 73 $67, 564$ 27.641 $67, 443$ 87.936 $67, 321$ 28.23 $67, 197$ 28.523 73 74 $68, 490$ 28.020 $68, 367$ 28.318 $68, 243$ 28.617 $68, 117$ 28.513 74 75 $69, 415$ 28.399 $69, 291$ 28.701 $69, 165$ 29.003 $69, 038$ 29.305 75 76 70.341 28.777 70.215 29.084 70.087 29.390 $69, 958$ 29.695 76 77 71.267 29.156 71.139 29.466 71.009 29.777 70.879 30.477 78 78 $72.929, 156$ 71.139 29.466 $71.009, 29.777$ 70.879 30.086 79 79 73.118 29.913 72.937 30.232 73.640 39.305 77 77.003 0.868 79 80 74.043 30.292 73.910 30.614 73.776 30.937 73.640 31.238 80 81 74.969 30.671 74.834 30.997 74.698 31.324 74.561 31.649 81 82 $75.89431.049$ 75.788 31.380 75.620 31.71c 75.481 32.040 82 83 76.820 31.428 76.682 31.762 76.543 32.997 78.232 32.2824 $87.332.2824$ 83.567 13.2185 78.630 32.527 79.163 33.603 85 84 $77.74531.807, 77.60632.1452$ $77.46532.484$ 77.322 32.824 $83.$ 85 78.671 32.185 78.630 32.528 78.387 33.287c $78.24333.212$ 85 86 79.596 82.564 $79.45432.910$ 79.309 33.257 79.163 33.603 85 87 80.522 32.943 80.378 33.293 80.231 33.644 80.084 33.994 87 88 81.448 33.31 81.301 33.676 $81.15434.030$ $81.00434.384 83 89 82.373 83.700 82.2253 34.959 82.76335.877 84.686 35.956 9190 83.299 34.078 83.149 34.441 83.920 33.130 644 80.084 33.994 8789 81.448 33.477 84.073 34.824 83.920 33.113 644 80.084 33.994 8789 85.293 38.4078 83.149 34.441 83.920 33.137 6485.60736.338 9399 87.00135.593 86.8453 5.972 86.68736.351 86.5273 36.737 87.4484 37.119 9599 85.293 86.8453 35.973 87.639 87.6335.877 87.4845 37.119 9599 91.628 8.5236 3.5972 87.697 87.6335.877 87.4845 37.109 9499 87.00135.593 86.8453 35.972 86.68736.351 85.6273 36.527 36.739 9499 91.628 37.486 91.46437.885 91.2983 8.284 91.130 38.683 37.510 9$	60	62.862	26.197	62 749	26.022	62 622	20.290	02.594	20.570	68
71 $65, 713$ 26.884 $b5, 595$ 27.170 $65, 476$ 27.456 $65, 356$ 27.742 71 72 $66, 639$ 27.263 $66, 519$ 27.553 $66, 398$ 27.843 $66, 276$ 28.533 73 73 $67, 564$ 27.641 $67, 443$ 87.936 $67, 321$ 28.23 $67, 197$ 28.523 73 74 $68, 490$ 28.020 $68, 367$ 28.318 $68, 243$ 28.617 $68, 117$ 28.513 74 75 $69, 415$ 28.399 $69, 291$ 28.701 $69, 165$ 29.003 $69, 038$ 29.305 75 76 70.341 28.777 70.215 29.084 70.087 29.390 $69, 958$ 29.695 76 77 71.267 29.156 71.139 29.466 71.009 29.777 70.879 30.477 78 78 $72.929, 156$ 71.139 29.466 $71.009, 29.777$ 70.879 30.086 79 79 73.118 29.913 72.937 30.232 73.640 39.305 77 77.003 0.868 79 80 74.043 30.292 73.910 30.614 73.776 30.937 73.640 31.238 80 81 74.969 30.671 74.834 30.997 74.698 31.324 74.561 31.649 81 82 $75.89431.049$ 75.788 31.380 75.620 31.71c 75.481 32.040 82 83 76.820 31.428 76.682 31.762 76.543 32.997 78.232 32.2824 $87.332.2824$ 83.567 13.2185 78.630 32.527 79.163 33.603 85 84 $77.74531.807, 77.60632.1452$ $77.46532.484$ 77.322 32.824 $83.$ 85 78.671 32.185 78.630 32.528 78.387 33.287c $78.24333.212$ 85 86 79.596 82.564 $79.45432.910$ 79.309 33.257 79.163 33.603 85 87 80.522 32.943 80.378 33.293 80.231 33.644 80.084 33.994 87 88 81.448 33.31 81.301 33.676 $81.15434.030$ $81.00434.384 83 89 82.373 83.700 82.2253 34.959 82.76335.877 84.686 35.956 9190 83.299 34.078 83.149 34.441 83.920 33.130 644 80.084 33.994 8789 81.448 33.477 84.073 34.824 83.920 33.113 644 80.084 33.994 8789 85.293 38.4078 83.149 34.441 83.920 33.137 6485.60736.338 9399 87.00135.593 86.8453 5.972 86.68736.351 86.5273 36.737 87.4484 37.119 9599 85.293 86.8453 35.973 87.639 87.6335.877 87.4845 37.119 9599 91.628 8.5236 3.5972 87.697 87.6335.877 87.4845 37.109 9499 87.00135.593 86.8453 35.972 86.68736.351 85.6273 36.527 36.739 9499 91.628 37.486 91.46437.885 91.2983 8.284 91.130 38.683 37.510 9$	70	64.788	26.004	64.672	26.788	64. 052	27.070	64. 47-	27.90	09
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	1	65 712	26 884	6	27.170	6- 456		64.435	-/-35	-70
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	1.71	66.620	27.262	66 515	27.170	66 208	27.450	05.350	27.742	71
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	1 72	67.564	27.611	67.442	\$7.036	67.221	28.220	67.107	28.622	7.2
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	24	68.490	28.020	68.367	28.318	68.243	28.617	68.117	28.014	13
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	1 75	69.415	28.399	69.291	28.701	69.165	29.003	69.038	29.305	75
7874.19219.53574.003[29.849]71.93230.163[71.799]30.477[78] 7973.11829.91372.98730.232 72.85,430.55672.727030.6477 73.77630.32273.91030.614 73.77630.93773.64931.258 73.69031.258 74.69831.324 74.50131.649 81 8275.89431.049 75.75831.380 75.62031.710 75.48132.040 82 75.48132.040 82 75.68431.049 75.75831.380 75.62031.710 75.48132.040 82 8376.82031.428 76.663231.762 76.40332.431 83 8477.74531.807 77.60532.145 77.60532.145 77.60532.145 77.60532.145 77.60532.145 77.60532.145 77.60532.145 77.60532.145 77.60532.145 77.60532.145 77.60532.145 77.60532.145 77.60532.145 77.93033.257 79.10333.603 85 86 79.59632.5479.444 83.3293 80.23133.644 80.08433.994 87 88 88.144833.321 81.30133.676 81.75434.030 81.00434.384 83 82.37383.700 82.22534.059 82.07634.417 81.92334.775 89 9083.29934.078 83.14934.4418 83.90834.803 84.66635.556 91 94 85.15034.836 84.99735.207 84.84235.577 84.68635.947 92 93 85.70535.214 85.937 85.60736.3518 93 94 87.00335.214 85.937 86.84735.93 86.84735.972 87.46835.199 86.68736.3518 87.60986.737 87.44837.199 95 96 88.85236.358 87.60986.737 87.44837.199 96 97 89.77736.728 80.667737 87.44837.199 97 98 90.70337.108 90.54037.503 90.20938.292 98 99 91.62837.48691.46437.885 91.298 82.2038.624 91.13038.683 93 90 91.62837.48691.46437.885 91.298 82.2038.677 94.90 92.55338.652 92.553 92.553 92.553 92.553 92.553 92.553 92.553 92.553 92.553 92.553 92.553 92.553 92.553 92.553 92.553 92.553 93.82 93 94.575 94.853 95.255 95.85 95.95 95.85 95.95 95.85 9	76	70.341	28.777	70.216	29.084	70.087	20.300	60.008	20.600	76
7874.19219.53574.003[29.849]71.93230.163[71.799]30.477[78] 7973.11829.91372.98730.232 72.85,430.55672.727030.6477 73.77630.32273.91030.614 73.77630.93773.64931.258 73.69031.258 74.69831.324 74.50131.649 81 8275.89431.049 75.75831.380 75.62031.710 75.48132.040 82 75.48132.040 82 75.68431.049 75.75831.380 75.62031.710 75.48132.040 82 8376.82031.428 76.663231.762 76.40332.431 83 8477.74531.807 77.60532.145 77.60532.145 77.60532.145 77.60532.145 77.60532.145 77.60532.145 77.60532.145 77.60532.145 77.60532.145 77.60532.145 77.60532.145 77.60532.145 77.60532.145 77.93033.257 79.10333.603 85 86 79.59632.5479.444 83.3293 80.23133.644 80.08433.994 87 88 88.144833.321 81.30133.676 81.75434.030 81.00434.384 83 82.37383.700 82.22534.059 82.07634.417 81.92334.775 89 9083.29934.078 83.14934.4418 83.90834.803 84.66635.556 91 94 85.15034.836 84.99735.207 84.84235.577 84.68635.947 92 93 85.70535.214 85.937 85.60736.3518 93 94 87.00335.214 85.937 86.84735.93 86.84735.972 87.46835.199 86.68736.3518 87.60986.737 87.44837.199 95 96 88.85236.358 87.60986.737 87.44837.199 96 97 89.77736.728 80.667737 87.44837.199 97 98 90.70337.108 90.54037.503 90.20938.292 98 99 91.62837.48691.46437.885 91.298 82.2038.624 91.13038.683 93 90 91.62837.48691.46437.885 91.298 82.2038.677 94.90 92.55338.652 92.553 92.553 92.553 92.553 92.553 92.553 92.553 92.553 92.553 92.553 92.553 92.553 92.553 92.553 92.553 92.553 93.82 93 94.575 94.853 95.255 95.85 95.95 95.85 95.95 95.85 9	1 77	71.267	29.156	71.139	29.466	71.009	29.777	70.879	30.086	77
80 74.043 30.292 73.910 30.014 73.776 30.937 73.640 31.258 30 81 74.969 30.671 74.834 30.997 74.698 31.324 74.561 31.649 81 82 75.894 31.049 75.758 31.380 75.620 31.710 75.481 32.049 82 83 76.820 31.428 76.682 31.762 76.543 32.097 76.40 32.431 83 84 77.746 31.807 77.606 32.145, 77.465 32.484 77.322 32.821 84 85 78.671 32.185 78.530 32.528 78.387 32.870 78.243 33.212 85 86 79.596 82.564 79.454 32.910 79.309 33.257 79.163 33.603 85 87 80.522 32.943 80.378 33.293 80.231 33.644 80.084 33.994 87 88 81.448 33.321 81.301 33.676 81.154 34.030 81.004 34.384 88 89 82.373 83.700 82.225 34.059 82.076 34.417 81.925 34.775 89 90 83.299 34.078 83.149 34.441 82.998 34.804 82.845 35.166 90 91 84.284 34.457 84.073 34.824 83.920 35.191 83.766 35.556 91 92 85.150 34.856 84.997 35.207 84.824 55.77 84.686 35.947 92 93 86.075 35.214 85.921 35.598 85.765 35.964 85.607 36.338 93 94 87.001 35.593 86.845 35.972 87.668 735 35.186.577 87.448 37.119 95 96 83.852 36.300 88.692 36.737 88.531 37.124 88.368 17.510 96 97 89.777 36.729 89.616 37.120 89.453 37.511 89.289 37.901 97 98 90.703 37.108 90.540 37.507 188.531 37.518 89.209 39.209 38.292 98 99 91.628 37.486 91.4437 88.508 32.198 38.284 91.130 38.692 36.737 37.885 90.209 38.292 98 91 60.92.554 38.691 44.47.885 91.298 38.284 91.130 38.692 39.99 91 62 83.748 65 91.4437.885 91.298 38.284 91.130 38.692 39.99 91 62 83.748 65 91.4437.885 91.298 38.284 91.130 38.692 39.99 91 62 83.748 65 91.44437.885 91.298 38.284 91.130 38.693 190 92 95 92.554 38.659 31.4637.885 91.298 38.284 91.130 38.638 190 93 90.0203 37.088 90.44037.885 91.298 38.284 91.130 38.693 190 93 90.0203 37.088 90.44437.885 91.298 38.284 91.130 38.693 190 94 97.0092.554 37.645 91.44437.885 91.298 38.284 91.130 38.693 190 95 92.554 37.865 91.44437.885 91.498 38.284 91.130 38.693 190 95 92.554 37.865 91.44437.885 91.498 38.284 91.130 38.693 190 95 92.554 37.865 91.44437.885 91.498 38.284 91.130 38.693 190 95 92.554 37.865 91.308 18.268 92.2203 86.677 85.903 92.093 93.903 190 95 92.554 37.865 91.308 18.26	78	72.192	29.535	72.063	29.849	71.932	30.163	71.799	30.477	78
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	79	73.118	29.913	72.987	30.232	72.854	30.550	72.720	30.868	79
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	80	14.043	30.292	73.910	30.014	73.770	30.937	73.040	31.258	80
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	81	74.969	30.671	74.834	30.997	74.698	31.324	74.561	31.649	81
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	82	75.894	31.049	75.758	31.380	75.020	31.710	75.481	32.040	82
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	T 3	77 745	21.807	77 606	31.702	70.543	32.097	70.402	32.431	83
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	8.	78.671	32.18	78.630	12.028	78.287	22.870	78 242	22.272	24
89 82.373 83.700 82.225 34.059 82.070 34.417 81.925 34.775 89 90 83.299 34.078 83.149 34.441 82.998 34.804 83.845 35.166 90 91 84.284 34.457 84.073 34.824 83.920 35.191 83.766 35.556 91 92 85.150 34.836 84.997 35.207 84.842 35.778 84.686 35.947 92 93 86.075 35.214 85.921 35.589 85.765 35.964 85.607 36.338 93 94 87.001 35.593 86.845 35.972 86.687 36.351 86.527 36.739 94 95 87.926 35.972 87.769 36.355 87.609 86.737 87.448 37.150 96 97 89.777 36.729 89.616 37.120 88.531 37.124 88.368 37.510 96 97 89.777 36.729 89.616 37.120 89.453 17.121 89.258 97.001 35.293 99 90.029 37.108 90.540 37.903 90.376 37.888 90.209 38.202 98 99 91.628 37.486 91.464 37.885 91.298 38.284 91.130 38.682 98 100 92.554 37.865 92.380 18.268 92.220 [8.671 92.050 39.073 100 92 85.457 100 100 100 100 100 100 100 100 100 10	1 02	70 706	92 (64	70 454	22 010	/0.30/	32.070	/0,240	33.600	
89 82.373 83.700 82.225 34.059 82.070 34.417 81.925 34.775 89 90 83.299 34.078 83.149 34.441 82.998 34.804 83.845 35.166 90 91 84.284 34.457 84.073 34.824 83.920 35.191 83.766 35.556 91 92 85.150 34.836 84.997 35.207 84.842 35.778 84.686 35.947 92 93 86.075 35.214 85.921 35.589 85.765 35.964 85.607 36.338 93 94 87.001 35.593 86.845 35.972 86.687 36.351 86.527 36.739 94 95 87.926 35.972 87.769 36.355 87.609 86.737 87.448 37.150 96 97 89.777 36.729 89.616 37.120 88.531 37.124 88.368 37.510 96 97 89.777 36.729 89.616 37.120 89.453 17.121 89.258 97.001 35.293 99 90.029 37.108 90.540 37.903 90.376 37.888 90.209 38.202 98 99 91.628 37.486 91.464 37.885 91.298 38.284 91.130 38.682 98 100 92.554 37.865 92.380 18.268 92.220 [8.671 92.050 39.073 100 92 85.457 100 100 100 100 100 100 100 100 100 10	1 20	80. 122	32.04	80.278	33.202	80.221	33.257	80.084	32.003	80
89 82.373 83.700 82.225 34.059 82.070 34.417 81.925 34.775 89 90 83.299 34.078 83.149 34.441 82.998 34.804 83.845 35.166 90 91 84.284 34.457 84.073 34.824 83.920 35.191 83.766 35.556 91 92 85.150 34.836 84.997 35.207 84.842 35.778 84.686 35.947 92 93 86.075 35.214 85.921 35.589 85.765 35.964 85.607 36.338 93 94 87.001 35.593 86.845 35.972 86.687 36.351 86.527 36.739 94 95 87.926 35.972 87.769 36.355 87.609 86.737 87.448 37.150 96 97 89.777 36.729 89.616 37.120 88.531 37.124 88.368 37.510 96 97 89.777 36.729 89.616 37.120 89.453 17.121 89.258 97.001 35.293 99 90.029 37.108 90.540 37.903 90.376 37.888 90.209 38.202 98 99 91.628 37.486 91.464 37.885 91.298 38.284 91.130 38.682 98 100 92.554 37.865 92.380 18.268 92.220 [8.671 92.050 39.073 100 92 85.457 100 100 100 100 100 100 100 100 100 10	88	81.448	33.321	81.301	33.676	81.154	34.020	81.004	34.284	88
9184.22a, 34.457 84.073 34.824 83.920 35.191 83,766 35.556 91 9285.150 34.836 84.997 35.207 84.84235.577 84.686 35.947 92 9386.075 35.214 85.991 35.589 85.765 35.964 85.607 36.338 93 9487.00135.593 86.845 35.972 86.687 36.351 86.527 36.739 94 9587.926 85.972 87.769 36.355 87.609 86.737 87.448 37.119 94 9587.926 85.972 87.769 36.355 87.609 86.737 87.448 37.150 96 9789.777 36.729 89.616 37.120 89.453 37.511 89.289 37.901 97 9890.703 37.108 90.540 37.503 90.376 37.898 90.209 38.292 98 9991.628 37.486 91.464 37.885 91.298 38.284 91.130 38.682 99 100 92.555 33.865 92.388 138.268 92.220 38.671 92.050 39.073 100 D E. W.N. S. E. W.N. S. E. Wiln. S. E. W.N. S. 45 Min. 30 Min. 15 Min. 0 Min. 5	1 89	82.373	83.700	82.225	34.059	82.076	34.417	81.925	34-775	.80
9184.22a, 34.457 84.073 34.824 83.920 35.191 83,766 35.556 91 9285.150 34.836 84.997 35.207 84.84235.577 84.686 35.947 92 9386.075 35.214 85.991 35.589 85.765 35.964 85.607 36.338 93 9487.00135.593 86.845 35.972 86.687 36.351 86.527 36.739 94 9587.926 85.972 87.769 36.355 87.609 86.737 87.448 37.119 94 9587.926 85.972 87.769 36.355 87.609 86.737 87.448 37.150 96 9789.777 36.729 89.616 37.120 89.453 37.511 89.289 37.901 97 9890.703 37.108 90.540 37.503 90.376 37.898 90.209 38.292 98 9991.628 37.486 91.464 37.885 91.298 38.284 91.130 38.682 99 100 92.555 33.865 92.388 138.268 92.220 38.671 92.050 39.073 100 D E. W.N. S. E. W.N. S. E. Wiln. S. E. W.N. S. 45 Min. 30 Min. 15 Min. 0 Min. 5	1 90	83.299	34.078	83.149	34.441	82.998	34.804	82.845	35.166	90
9285.15034.83684.99735.20784.84235.57784.68635.94792 9385.07535.21485.99735.28985.76535.96485.60736.33893 9487.00135.59386.8435.97286.68736.35186.52736.72994 9587.92635.97287.76936.35587.60986.73787.44837.11995 9688.85236.35088.69236.737885.53137.12488.36837.51096 9789.77736.72989.61637.12089.45337.51189.28937.90197 9890.70337.10890.54037.503190.37637.89890.20938.29298 9991.62837.48691.46437.88591.29838.28491.13038.68299 10092.555337.86992.384818.26892.22038.67192.05039.073100 DE. W.N. S. E. W.N. S. E. Wilk S. E. Wilk S. E. W.N. S. 45 Min. 30 Min. 15 Min. 0 Min. 5 70 Degrees.	101	84.294	34.457	84.073	34:824	82.020	26.101	84.766	25.556	
93 86.07535.214 85.92135.938 85.76535.964 85.60736.338 93 94 87.00135.593 86.84535.972 87.76936.3518 86.68736.3518 86.63736.338 93 95 7.92635.972 87.76936.3518 87.60986.737 87.48137.129 94 96 88.53236.350 88.69236.737 88.53137.124 88.36837.510 96 97 99.77736.729 89.61637.120 89.45337.511 89.28937.901 97 98 90.70337.10890.54037.503 90.37637.885 91.29838.284 91.13038.682 99 99 91.62837.486 91.46437.885 91.29838.284 91.13038.682 99 90.92.55338.865 92.38618.8268 92.32038.671 92.05039.073100 97 92 92.55338.865 92.3865 92.3823 90 93.973100 97 93 94.628 94.88.268 92.32038.824 94.13038.682 99 99.039.073100 97.973 92.05039.073100 96.97.973 94.97.973 94.97.97.97.97.97.97.97.97.97.97.97.97.97.	1 00	86.100	24.826	84.007	25.207	81.842	90 077	184 686	20 047	200
9688.8 52 36.3 50 88.6 92 36.7 37 88.5 31 37.1 24 88.3 68 37.5 10 96 97 89.7 77 36.7 29 89.6 16 37.1 20 89.4 53 37.5 11 89.2 89 37.9 01 97 98 90.7 03 37.1 08 90.5 40 37.5 03 90.3 76 37.8 98 90.2 09 38.2 92 98 99 91.6 28 37.4 86 91.4 64 37.8 85 91.2 98 38.2 84 91.1 30 38.6 82 99 100 92.5 54 37.8 65 92.3 88 38.2 68 92.2 20 38.6 71 92.0 50 39.0 73 100 U E. W.N. S. E. W.N. S. E. W.N. S. E. W.N. S. E. W.N. S. 45 Min. 30 Min. 15 Min. 0 Min.	93	86.075	35.214	85.921	35.589	85.765	35.964	85.607	36.338	93
9688.8 52 36.3 50 88.6 92 36.7 37 88.5 31 37.1 24 88.3 68 37.5 10 96 97 89.7 77 36.7 29 89.6 16 37.1 20 89.4 53 37.5 11 89.2 89 37.9 01 97 98 90.7 03 37.1 08 90.5 40 37.5 03 90.3 76 37.8 98 90.2 09 38.2 92 98 99 91.6 28 37.4 86 91.4 64 37.8 85 91.2 98 38.2 84 91.1 30 38.6 82 99 100 92.5 54 37.8 65 92.3 88 38.2 68 92.2 20 38.6 71 92.0 50 39.0 73 100 U E. W.N. S. E. W.N. S. E. W.N. S. E. W.N. S. E. W.N. S. 45 Min. 30 Min. 15 Min. 0 Min.	1 94	87.001	35.593	80.845	35.972	86.687	36.351	86.527	36.729	94
9890.703137.10870.540137.503190.370137.898190.209138.292 98 99991.628137.48691.46437.885 91.298138.284 91.130138.682 99 10092.55437.86592.388138.268 92.220138.671 92.050139.073100 E. W.N. S. E. W.N. S. E. Wilk, S. E. Wilk, S. E. W.N. S. 45 Min. 30 Min. 15 Min. 0 Min. 5 67 Degrees.	95	07.920	<u>55.972</u>	07.709	50.355	07.009	80.737	07.448	37.119	95
9890.703137.10870.540137.503190.370137.898190.209138.292 98 99991.628137.48691.46437.885 91.298138.284 91.130138.682 99 10092.55437.86592.388138.268 92.220138.671 92.050139.073100 E. W.N. S. E. W.N. S. E. Wilk, S. E. Wilk, S. E. W.N. S. 45 Min. 30 Min. 15 Min. 0 Min. 5 67 Degrees.	F 96	88.852	36.350	88.692	36.737	88.531	37.124	88.368	37.510	9,6
E. W.IN. S. E. W.IN. S. E. W.IN. S. E. W.IN. S. E. W.IN. S. E. W.IN. S. E. W.IN. S. E. W.IN. S. E. W.IN. S. E. W.IN. S. E. W.IN. S. E. W.IN. S. E. W.IN. S. E. W.IN. S. E. W.IN. S. E. W.IN. S. E. W.IN. S. I. W.IN. W.IN. S. I. W.IN.	1 97	9.777	10.729	09.016	37.120	09.453	37.511	89.289	37.901	97
E. W.IN. S. E. W.IN. S. E. W.IN. S. E. W.IN. S. E. W.IN. S. E. W.IN. S. E. W.IN. S. E. W.IN. S. E. W.IN. S. E. W.IN. S. E. W.IN. S. E. W.IN. S. E. W.IN. S. E. W.IN. S. E. W.IN. S. E. W.IN. S. E. W.IN. S. I. W.IN. W.IN. S. I. W.IN.	1 20	61.628	27.486	01.464	37.880	90.370	37.098	90.209	28.292	90
E. W.IN. S. E. W.IN. S. E. W.IN. S. E. W.IN. S. E. W.IN. S. E. W.IN. S. E. W.IN. S. E. W.IN. S. E. W.IN. S. E. W.IN. S. E. W.IN. S. E. W.IN. S. E. W.IN. S. E. W.IN. S. E. W.IN. S. E. W.IN. S. E. W.IN. S. I. W.IN. W.IN. S. I. W.IN.	100	02.554	30.86	92.388	38.268	02.220	28.671	02.000	120.072	100
45 Mia. 30 Min. 15 Min. 0 Min. \$ 67 Degrees. 5	-	E W	N S	F W	NC	F W	NC	E W	N. C	
67 Degrees.	12					·				臣
	F	<u>−<u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u></u>						1		٣.
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- t			23 De	grees.			24 D	grees.		
Đị?	15	Min.	30 N		45	Min.		dia.	Dift.	
?	N. S.	E. W.		E. W.		E. W.	N. S.	E. W.	₹	
	0.919	0.395	0.917	0.399	0.915	0.403	0.914	0.407	1	÷
2	1.838 2.756	0.789 1.184	1.834 2.751	0.797 1.196	1.831 2.746	0.805 1.208	1.827 2.741	0.813 1.220	2 3	
4	3.675	1.579	3.668	1.595	3.661	1.611	3.654	1.627	4	
5	4.594	1.974	4.585	1.994	4.577	2.014		2.034	<u>-5</u>	
6 7	6.432	2.368 2.763	.5.502 '6.419	2.392 2.791	5.492 6.407	2.416 2.819	5.481 6.395	2.440 2.847	6 7	
8	7.350	3.158	7.330	3.190	7.322 8.238	3.222	7.308	3.254	- 8	
9 10	8.269 9.188	3.553 3.947	8.254 9.171	3.589 3.987	9.153	3.625 4.027	8.222 9.135	3.661 4.067	9 10	
	10.107	4.342			10.068		10.049	4.474	11	
12 13	11.025 11.944	4.737	11.005 11.922		10.984 11.899	4.833	10.963 11.876	4.881 5.288	Ť2 13	
14	12.863		12.839	5.582	12.814	5.638	12.799	5.694	14	
	13.782	5.921	13.756	5.981			13.703	6.101	15	
	14.701 15.619	6.316 6.711	14.673 15.590		14.645 15.560	6.4.11 6.847	14.617 15.530	6.508 6.915	16 17	·
18	16.538	7.105	10.507	7.177	10.476	7.249	16.444	7.321	18	
	17.457 18.376		17.424 18.341	7.570 7.975	17.391 18.306	7.052 8.055	17.357 18.271	7.728 8.135	19 20	
	19.295	8.290	19.258	8.374	19.222		19.184		21	
	20.913 21.132	8.684 9.079	20.175 21.092	8.772	20.137 21.052		20.098 21.012	8.948	22	
	22.051		22.009		21.967		21.925	9.355 9.762	23 24	
25			22.926		22.883				25	
26 27	23.889	10.263	23.844	10.367	23.758	10.471	23.752	10.575	26 27	
28	25.726	11.053	25.678	11.165	25.620	11.277	25.579	11.380	28	
29	26.645	11.448	20.595	11.564	26.544	11:68o	26.403	11.795	29 30	
									31	:
32	29.401	12.632	29.346	12.76c	28.375 29.290	12.888	29.233	:3.016	32	1
34	21.220	13.421	31.180	13.557	30.205 31.121	12.602	31.061	13.820	33 34	
35	32.158	13.816	32.097	13.956	32.036	14.0.56	31.974	14.236	35	
					32.951				36	1
38	33.995 34.914	15.000	34.848	15.152	33.866 34.782	15.304	34.715	15.456	37 38	
39	35.833	15.395	35.765	15.551	35. 6 97 36.612	15.707	35.628	15.863	39	
40	37.670	15.180	37.500	16.240	37.012	16.512	27. 15 2	16.676	40 .41	
42	38.589	16.579	38.517	16.747	37.528 38.443 39.358 40.274	16.915	38.369	17.083	42	
43 4.1	39.508 10.127	16.974 17.960	39.434	17.140	39.358	17.318	39.282	17.490	43 44	
45	41.346	17.763	41.268	17.944	41.189	18.124	41.110	18.303	45	,
46	42.264	18.158	42.185	18.342	42.104	18.526	12:023	18.710	46	
48	44.102	18.048	44.019	19,140	43.020 43.935	10.332	43.8:0	19.523	47 48	
49	45.021	19 342	44.936	19.539	44.850	19.735	44.764	19.930	49	
50			45.853 E. W:			20.137			50	
Dia	E. W. 45 N		E. W. 30 N			N. S. Ain.	E. W.	N. S. Min.	Din	
-			<u> </u>		egrees.				17	

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1			23 D	egrees.			24 D	egrees.	
Dia	15 N	Am.	301	the second se		Min.	01	Min.	Dia
17	N. 511	E. W.	N. S.	E. W.	<u>N.</u> S	<u>E. W.</u>	N. S.	E. W.	
;1	46.852 2	20.132	46 .770	20.33	£6.681	20.540	46.591	20.744	51
52	47.777 2 48.696 2 49.615 1	20.527	47.687	20.735	47.59C	20.943	47.504	21.150	52
53	48.096 2	20.921	40.004	21.522	10.12-	21.748	40.410	21 064	53 54
54 55	50.533	21.711	50.438	21.931	50.34-	22.151	50.245	22.371	55
- <u>-</u> 56		_	51.355	22.330	51.257		51.159		55
1	62.2010	2 500	62 272	22.726	\$2.173	22.957	52.078	23.184	57
58	53.29C 2 54.205	22.895	53.189	23.127	53. 088	23.359	52.986	23.591	58
	54.205	23.29C	54.107	23.520	54.003	23.702	53.899	23.997	59 60
60	55.127					24.16;			
61	56.040 2 56.965 2	24.079	55.941	24-324	55.034	24.508	55.720	24.811	61 62
6.	c 7 88 1 1	24 860	27 775	25.12.1	157.664	26.373	57.002	26.024	63
64	58.802 4	\$5.264	58.692	25.520	58.580	25.776	58.467	26.031	64
65	57.004 58.803 59.721	25.658	59.609	25.914	59.495	26.179	59.380	26.438	65
66	60.610 2	26.053	60.526	26.317	60.410	26.581	60.294	26.845	66
67	61	26 148	61.442	26.716	161.326	20.00	01.208	27.251	67
68	62.478	26.843	52.360	27.115	02.241	27.387	72.121	27.658	68
69	62.478 63.397 64.315	27.237	03.277	27.514	64 072	28.102	62 048	28 177	69 70
_70	04.315	67.032	<u>-4.194</u>	27.912	64 09 -	28.595	64 940	28 878	
71	65.234	28.027	66.02 8	28.311	6: 002	28.998	55 770		71 72
72		8 .816	66.94	29.100	66.818	29.401	56.68	29.692	73
73 74	1 C	29.211	67.862	29.507	07.733	29.803	67.602	30.099	74
75	60		6 8 .779	29.900	68.64 8	30.206	68.516	30.505	75
76			69.697	30.305	69-564	30.609	69.429	30.912	76
77	70.747		70.614			31.012			77
78				31.102	71.394	31.414	71.257	31.725	78
79		31.185		31.501 31.900	71.225	31.817 32.220	73.084	32.132	79 80
80				32.299		32.623			81
81	74.4223	2.260	75.800	32.607	75.055	33.025	74.911	32.340	82
1 27	75.341 3 76.26c 3	2.764	76.116	33.096	75.971	33.428	75.824	33.759	83
84	77.1783	3.158	77.033	33.495]	70.000	33.031	70.738	34.100	84
85	78.0973	3.553	77.950	33.894	77.801		77.651		<u>8</u> 5
86	79.0103	3.948	78.857			34.636		34.979	86
87	79.935 3	34•343	79.784	34.691	79.632 80.547	35.039	79.479	35.380	87 88
	82.8543 81.7723			ვ 5.09 ი ვ5.4 8 9	81.162	35.844 35.844	81.206	26.200	89
89 90	10. č. l.		82 535	35.887	82.378				99
1-i-+	82.610	15.022	82.152	36.28t	83.243	36.050	83.133	37.013	91
g1 92	12	6 216	84 270	26.58-	84.200	27.062	84.0.16	27.420	91
93		6.711	85.287	37.084	85.124	37.455	84.960	37.827	93
94	86.366 B	37.106	86.204	37.482	86.039	37.858	85.873	38.233	94
95	100				86.954				95
96					88 78-	38.664 39.066	88 61	39.047	96
97		30.290	80 872	30.079	89.700	39.469	89.528	39.860	97 98
98 99	1 - A C	30.080	89.872 90.789	39.476		39.872			99
100		39.47.4	91.706	39.875	91.531			10.674	100
		N. S.	E. W.		E. W.	N. S.	É. W.	N. S.	0
Dia		1:n.		Min.	15 1	Min.	0,1	Min	Ē
1	1			66 I	Degrees.				Ĺ
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			-24 De	Prees	·		25 D	grees.	<u></u>
0	15	Min.	30 N		45	Min.		Ain.	6
Dia	N. S.	E. W.		E. W.	N. S.	E. W.		E. W.	Ŧ
	0.912	0.411	0.910	0.415	0.908	0.410	:0.006	0.423	
2	- ó	0.821	1.820		1.816	0.837	:0.906 1.813	0.845	2
3	2.735	1.232	2.730			1.250	2.719	1.268	3
. 4	3.647	1.643	3.640			1.075	3.625	1.690	4
5		2.054	4.55		P	_		2.113	_5
. 6		2.464 2.875	5.460 6.370	2.488 2.903	5.449 6.357	2.512 2.931	5.438 6.344	2.536	6
8	-	3.286	7.280	3.318	7.265	3.349		3.381	7 8
وا		3.696	8.190	3.732	8.173	3.768	8.157	3.804	9
10		4.107	9.100	4.147	9.081	4.187	9.063	4.226	10
11		4.518	10.010	4.562	9.990	4.605		4.649	11
	10.941	4.929	10/920		10.898 11.806		10.876	5.071	12
	11.853	5.339 5.750	11.829 12.739	5.391	12.714	5.861	11.782 12.688	5-494 5-917	13 14
14	12.765 13.676	6.161	13.649		13.622	6.280	13.595	6.339	15
	14.588		14.559	6.635		6.699		6.762	16
	15.500		15.469	7.050	15.438	7.117	15.407	7.185	17
18	16.412	7.393	16.379	7.464	16.347		16.314		18
1 19	17.323	7.804	17.289	7.879	17.255	7.955	17.220		19
-	18.235	8.214	18.199	the second se		8.373		8.452	20
	19.147	8.625	19.109 20.019		19.071 19.979	8.792	19.032	8.875 9.298	21
	20.059	9.030	20.929	9.538	20.887		20.845	9.720	23
	21.882		21.839	9.953	21.795			10.143	24
25		10.268		10.367	22.704	10.466	22.658	10.565	25
26	23.706	10.679	23.659	10.782	23.612	10.885	23.564	10.988	26
27	24.618	11.089	24.569	11.197	24.520	11.304	24.470	11.411	27
28	25.529	11.500	25.479	11.011	26.226	12.141	25.377 26.283	11.033	28 29
1 20	27.353	12.322	27.200	12.44)	27.244	12.56c	27.189	12.670	30
-	28.265		28.209		28.152		28.096		31
1	140 146	100 100	20 110	12 270	20 061	12 207	20 002	12 - 24	32
1 22	120.088	13.554	30.029	13.085	29.969	13.816	29.908	13.946	33
34	31.000	13.964	30.939	14.099	30.877	14.234	30.814	14.369	34
	31.912				31.785	-			35
36	32.823	14.786	32.759	14.929	32.093	15.072	32.627	15.214	36
37	33.735	15.607	34.078	15.708	34.000	15.000	34.110	16.000	37 38
30	35.559	16.018	35.488	16.173	35.418	16.328	35.346	16.482	39
40	36.470	16.429	36.398	16.588	36.326	16.746	33.533 34.440 35.346 36.252	16.905	40
AI	27.282	16.840	37.208	17.002	37.234	17.160	37.150	17.327	41
42	38.294	17.250	38.218	17.417	38.142	17.584	38,065	17.750	42
43	39.200	17.001	39.128	17.832	39.050	18.421	38,065 38.971 39.878	18.505	43 44
44	41.029	18.482	40.948	18.661	40.866	18.840	40.784	19.018	44
	41.941						41.690		46
47	42.853	19.304	42.768	19.491	42.083	19.077	42.596	19.865	47
1 48	43.765	19.715	43.678	19.905	43.591	20.090	43.503	20.285	48
49	44.676	20.125	44.588	20.320	44.499	20.514	44.409	29.708	49
50	45.588						45.315		50
Þ	E. W.		E. W.	_	<u>E.</u> W.			_	Dift.
Dia.	45	Min.	30 1	lin.		Min	0	Min.	₹.
<u>ان ا</u>	<u> </u>			65 D	egrees.				FT,

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5		*	24 D	egrees.			25 1):	greek.	
	15	Min. 1		Min. 1	45	Min.		A	Diit
Diff.	N. S	E. W.	N. S.	E. W.	1N. 5.		N. S.	L	ļ. ₽
51	46.500	20.947		21.149					51
52		21.357		21.564					52
53	48.323 49.235	21.708	48.228 49.138	22.393	40.040	22.608	40.034	22.821	53 54
54	50.147	22.590	50.048	22.808	49.948	23.026	49.847	23.244	55
1	51.059	23.000	50.958 51.868	23.223	50.850	23.445	50.753	23.667	56
1 67	51.076	23.411	51.868	23.638	51.764	23.864	51.660	24.084	57
58	52 882	23.822	53.688	24.407	52.072	24.202	53.472	24.934	58 59
6C	54.706	23.822 24.232 24.643	54.598	24.881	54.489	25.120	54.378	25.357	6ć
61	\$5.617	25.054	55.508	25.296	55.397	25.538	55.285	25.730	61
62	56.529	25.465 25.875	150.410	25.711	150.305	25.957	50.191	20.202	62
6.	57.441	25.075	57.32;	26.540	57.213	26.794	57.097	27.048	63 64
	59.265		59.147						65
14	60.176	27.108	60.057	27.370	59.937	27.632	59.816	27.893	66
67	61.088	27.518	61 877	27.784	61.840	28.050	61 620	28.315	67 68
60	62.012	28.340	62.787	28.614	62.662	28.888	62.539	29.161	69
70	63.823	27.929 28.340 28.750	63.697	29.029	63.570	29.306	63.442	29.583	70
71	64.735	29.161	64.607	29.443	64.478	29.725	64.348	30.006	71
72	65.647	29.572 29.983	66.427	29.858	66 204	30.144	05.254 66.160	30.428	72
74	67.470	30.393	07.337	30.087	07.203	30.981	07.007	31.274	74
75	68.382	30.804	08.247	31.102	68.111	31.399	07.973	31.696	75
76	69.294	31.215	69.157	31.517	69.019	31.818	68.87g	32.119	76
		31.625 32.036	70.067 70.977	32.346	70.820	32.655	70.602	32:964	77 78
70	72.029	32.447	271.887	32.701	71.743	33-074	71.598	33.387	.79
		32.858							80
81	73-853	33.268 33.679	73.707	33.590	73.560	33.911	73 411	34.232	81 82
82	75.676	34.090	75.527	34.420	75.376	34.330	75.224	35.077	83
		34.090 34.500	76.437	34.834	76.284	35.167	76.130	35.500	84
85	7.500	34.917	77.347	35.249	77.192	35.580	77.030	35.923	85
80	78.412	35.322 35.733 36.143	79.167	35.004	78.100	30.005	78.840	30.345	86
.88	80.235	36.143	80.076	36.493	79.917	36.842	29.755	37.190	88
4 80	81.1A7	36.554 36.965	00.900	120.400	100.826	37.201	00 001	37.013	109
	80.000	22.256	82 806	27 7 27	80 641	28 00%	87 474	28 408	-90
91	83.882	37.786	83.716	38.152	83.540	38.517	83.380	38,881	91 92
.93	84.794	38.197	84.626	38.566	84.457	38.935	84.287	39.303	93
94	85.706	37.786 37.786 38.197 38.608 39.018	86.416	38.981 29.206	86 200	39.354	86.000	39.726	94
0.6	8	20 400	87 266	120.811	80 180	40. 101	187 006	40.075	95 96
9.0	88.441	39.840 40.251	88.266	40.225	88.090	40.610	87.912	40.994	97
98	89.353	40.251	89.176	40.640	88.998	41.029	88.818	41.417	98
	90.204 91.17t	40.661	90.980 90.996	41.460	00.811	41.866	90. 63 1	49.262	99 100
1-	E.W.	$\frac{1}{N}$ S:	E. W		E. W.		L. W:		1
0.7	45	Min.		Min.		Mir	·	lin.	Dia 1
1					égrees.				F. 1

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			25 I	Degrees.			26 D	egrees.	F
Diff.	15	Min.	30	Min.	+5	Min.		Ain.	Q.
₽.	N. S.	Min. E. W.	N. S.	E. W.	N. S.	E. W.	N. S.	E. W.	Dift.
I	0.904	0.427	0.903	0.431	0.901	0.434	0.899	0.438	
2	1.80g 2.713	0.853 1.280	1.805 2.705	0.861 1.292		0.8 69 1.303	1.798 2.696	0.877 1.315	
3	3.618					1.738		1.753	
5	4.572	2.133	4.513	2.153	4.503	2.172	4 494	2.192	
6	5.427	2.559		2.583		2.607	5.393	2.630	•
7	6.331 7.236	2.986 3.413	6.318 7.221	3.014 3.444		3.041 3.476	6.292 7.190		
9	8.140	3.839	8.123	3.875		3.910	8.089	3.945	
10	9.045	4.266		4.305		4.344	8.988	4.384	10
11	9.949	4.692	9.928	4.736	9.908 10.808	4.779	9.887	4.822	1
12 13	10.853 11.758	5.545	10.831 11.734		11.709	5.648	10.780	5.260 5.699	12
14	12.662	5.972	12.636	6.027	12.610	0.082	12.583	6.137	14
15	13.567	6.399			13.510		13.482	6.576	1
16	I C	0.825	14.441 15.344		14.411		14.381	7.014	1
17	16.280		16.247		15.312 16.213		16.178		
19	17.185	8.105	17.149	8.180	17.113	8.254	17.077	8.329	
20			18.052		18.014	8.689		8.767	20
21	18.994 19.898	8.958	18.954 19.857	9.041	18.915 19.815	9.123 9.558	18.875	9.206 9.644	2
22 23		9.811	20.759	9.902	20.716	9.992			2:
24	21.707	10.238	21.662	10.332	20.716 21.617	10.427	21.571	10.521	2.
25		the second secon			22.517		22.470		2
	23.516	11.091	23.407	11.193	23.418 24.319	11.296	23.369	11.398	2
27	25.325	11.944	25.272	12.0.54	25.220	12.164	25.166	12.274	2
29	26.229	12.371	26.175	12.485	26.120 27.021	12.599	26.065	12.713	29
	27.134	12.797	27.078	12.915	27.021	19.033	20.904	13.151	30
. 31 32	28.012	13.224	28.883	13.340	27.922	13.408	28.761	13.590	3
33	29.847	14.077	29.785	14.207	29.723	14.337	29.660	14.466	3
34	30.751	14.503	30.688	14.637	28.822 29.723 30.624 31.524	14.771	30.559	14. 9 05	34
35	31.050	14.930	31.590	15.008	31.524	15.200	31.450	15.343	3
30	33.465	13.782	33.396	15.490	32.425	15.040	33.255	15.781	3
38	34.369	16.210	34.298	16.359	33.326 34.227	16.509	34.154	16.658	3
20	35.274	10.016	135.201	16.700	28.127	10.042	35.052	17.005	3
140	27 080	17 480	27 006	17.64	36.929	17.570	26.8	- / . 335	40
.42	37.987	17.916	37.900	18.081	37.820	18.247	37.749	18.412	41
47	38.802	18.342	38.811	18.512	28.720	18.681	38.648	18.850	4
44	39·796	18.769	39.714	18.942	39.631 40.531	19.116	39.547	19.288	44
		19.190	41.010	19.3/3	40.531	19.550	41.24	20. 16	43
40	42.500	20.040	42.421	20.234	41.432	20.410	42.243	20.603	40
48	43.414	20.475	43.324	20.665	42.333 43.234	20.853	43.142	21.042	4
49	44.318	20.902	44.227	21.095	44. 134 45.035	21.288	44.041	21.480	49
		N. S.	E. W.		E. W.		E. W.		50
Dift.		Min.		Min.		Ain.		lia.	Dift.
I - 1	- TV		_		grees.		1		1

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	1	2; Degrees.		26 Degrees.	
Dift.	15 Min.	30 Min.	45 Min.	o Min.	Dia
· 1	N. S.E. W.	N. S.E. W.	N. S. E. W.		
51	40.127 21.755	46.032 21.950 46.934 22.387 47.837 22.817 48.740 23.248	45.936 22.157	45.838 22.357	51
52	47.032 22.182	40.934 22.387	40.836 22.591	46.737 22.795	52
54 54	48.8.11 23.03	48,74023.248	48.63823.460	47.030143.234	534
55	49.745 23.461	49.642 23.678	49.53823.894	49.434 24.110	- 55
56	50.649 23.888	50.545 24.109	50.439 24.329	50.332 24.549	c6
57	51.554 24.314	51.447 24.539	51.340 24.763	51.231 24.987	57
د ده	53.363 25.168	51.447 24.539 52.350 24.970 53.253 25.400	53.14125.622	52.130 25.420 53.020 25.86A	58
60	54.267 25.594	54.155 25.831	54.042 26.067	53.928 26.302	60
61	55.172 20.021	55.05826.261 55.96026.692	54.943 26.501	54.826 26.741	61
62	50.076 26.447	55.960 26.692	55.843 26.936	55.725 27.179	62
64	57.88 27.300	56.863 27.122 57.765 27.553	50.744 27.370	50.02427.017	63 64
65	58.790 27.727	58.66827.983	58.545 28.239	58.422 28.494	65
66	59.694 28.154	59.57128.414 60.47328.844	59.44628.673	59.32028.932	66
67	00.598 28.580	00.473 28.844	00.347 29.108	60.21929.371	67
- 6g	62.407 29.43	61.376 29.275 62.278 29.705	62. 148 20.077	62.017 30.248	68 69
70	63.312 29.860	63.18130.136	63.04930.411	62.916 30.686	70
71	64.216 30.286	64.084 30.566	63.95030.846	63.81431.124	71
72	05.12130.713	104.086130.0071	64.8 col 21.280	64.71221.562	72
73	66.03031.566	65.88931.427 66.79131.858	66.652132.140	66.61122.420	73 74
75	67.83431.993	67.694 32.288	67.552 32.583	67.410 32.878	75
76	68.739 32.41	68.596 32.719	68.453 33.018	68.308 33.316	76
77	09.643 32.840	69.499 33.149 70.402 33.580	69.35433.452	69.207 33.755	77
79	71.452 33.699	71.30434.010	71.15534.321	71.000 34.621	78 79
8 0	72.356 34.126	72.807 34.441	72.05634.756	71.90435.070	80
81	73.261 34.552	73.10934.871	72.95735.190	72.802 35.508	81
82	74.105 34.979	74.01235.302	73.85735.624	73-701 35-946	82
- 8⊿	175.074135.822	176.817130.1621	75.65026.409	75.400 26 822	83 84
85	76.879 36.25	76.72036.593	76.55936.928	76.397 37.262	85
86	77.783 36.68	77.622 37.024	77.46037.362	77.296 37.700	86
88	70.002137.090	78.525 37.454	70.20128.221	70.00128 177	20
80	80.406 27.060	80.320128.31	80. 162 28.666	70.002 20 011	89
90	81.40138.391	81.233 38.746	81.06339.100	80.891 39.453	90
91	82.305 38.818	82.135 39.177 83.038 39.607	81.964 39.534	81.790 39.892	91
92	84.114 20.671	83.94040.038	82.864 39.969	82.689 40.330	92
93 94	85.019 40.097	84.843 40.468	84.666 40.838	84.48741.207	93 94
95	85.92340.524	85.746 40.899	85.566 41.272	85.385 41.645	95
96	86.828 40.95	86.648 41.329 87.551 41.760	86.467 41.707	86.284 42.084	96
97	88.69741.80	87.551 f1.760 88.453 f2.190	87.368 42.141	87.18342.522	
00	80. 541 42.270	80.256112.621	80.160 12.010	88 08149 200	98 99
100	90.445 42.057	90.258 43.051	90.070 43.444	89.879 43.837	100
b	E. W.IN. S.	E. W. N. S.	E. W.IN. S.	E. W.IN. S.	D
5	45 Min.	lt 30 Min.	15 Min.	- o Min	S I

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ſ	r ,	,		26	Degrees!		i	27 D	egrees.	T
l	Þ	15 N	lin.	and the second se	Min.	45	Min.		Ain.	DZ I
ļ	Ē	N. S.	E. W.	N. S.	L. W	N. S.	E. W.	N. S.	E. W.	₽.
þ		0 897	0.44%	0.895	0.44'	0.893	0.4;0	0.891	0.454	1
I	2	1.794	0.884	1.790	0.892	1.786	0.900	1.782	0.908	
ł	3	2.691	1:327	2.685	1.334	2.679	1.350	2.673	1.362	3
I	-4	3.587	1.765	3.58c	1.785	3.572	1.800	3.564		4
Ļ	_5	4.484	2.211	4:475	2.234	4.465	2.250	4.455	2.270	
I	6	5.381 6.278	2.654	5.370 6.265	2.677	5.358 6.251	2.701 3.151	5.346 6.237	2.724 3.178	6
I	7	7.175	3.090 3.538	7.159	3.570	7.144		7.198	3.632	1 8
l	9	8.072	3.98x	8.054	4.016	8.037	4.051	8.019	4.086	7 5 19 10
L	10	8.969	4.423	8.949	4.462	8.930	4.501	8.910	4.540	
I	11	9.866	4.865	9.844	4.908	9.823	4.951	9.801	4.994	1,1
ł	12	10.762	5.307	10.739	5.354 5.801	10.716 11.609	5.401 5.851	10.692 11.583	5.448 5.902	12 13
ł	13 14	11.659 12.556	5.75° 6.192	11.634 12.529	6.247	12.502	6.301	12.474	6.356	14
t	15	13.453	6.634	13.424	6.693	13.395	6.751	13.365	6.810	15
F	16	14.350	7.077	14.319	7.139	14.288	7.202	14.256	7.264	rió
ł	17	15.247	7.519	15.214	7.585	15.181		15.147	7.718	1.7
ł	18		7.961 8.403	16.109	8.032	16.074	8.102	16.038 16.929	8.17,2 8.626	18
I.	19 20	17.041 17 937	8.846	17.004	8.478 8.924	17.860	8.552 9.002	17.820	9.080	1,7 18 19 20
ŀ	21	18.834	9.258	18.794	9.370	18.753	9.452	18.711	9.534	21
ŧ		19.731	9.73C	19.689	9.816	19.646		19.602	9.988	22
ţ		20.628		20.583			10.352	20.493		
t		21.523	10.615	21.478			10.802		10.896 11.350	24
ł	2	22.422	11.057	22.373	11.155	22.324	11.252	23.166	other division of the local division of the	25
ł		23.319 24.216	11.500	23.268 24.163	11.601 12.047	23.217	11.703		12.258	27
ł		25.112		25.058			12.603	24.948	12.71,2	28
Ł	29	26.009	12.826	25.053	12.94C	25.896	13.053	25.839	13.166	20
Ļ	-	26.906	13.269	26.848			13.503	26.730	the second second	30
ľ	31	27.803	13.711	27.743	13.832	27.682	13 953	27.021	14.074 14.528	31
P		28.700 29.597	14.153 14.596	28.638 29.533	14.278	28.575 29.468	14.403	29.403		32 33
ŀ	34	30.494	15.038	30.428	15.171	30.361	15.303	30.294	15.436	34
I.	35	31.391	15.480	31.323	15.617	31.254	15.753		15.890	34 35 36
F	36	32.287	15 922	32.218	16.063	32.147	16.204			
ŀ		33.184		33.113	16.500	33.040	16.654		16.798	37
ŀ		34.081 34.978	16.807 17.249	34.007 34.902	10.950	33.933	17.104			
	40	35.875	17.692	35.797	17.848	35.719	18.004		18.160	40
ľ	41	the second secon	18.134		18.294	26.612	18.150	36.531	18.614	41
ľ	42	37.669		37.587	18.74c	37.505	18.904	37-422		42
ľ		38.566	19.018	38.482		38.398	19.354	120.3.3		43
ŀ	44	39.462	19.461		19.633 20.079	39.291 40.184		39.204	20.430	
ŀ	45	40.359	19.903	40.279		41.077			20.884	
K	46 47		20.345 20.788	41.167 42.062	20.525 20.071	41.077			21 338	47
ŀ	48	43.05C	21.230	42.957	21.418	42.863		12.768	21.792	48
ļ	49	43·947	21.672	43.852	21.864	43.756	22.055	43.659	22.246	49
I.	sò	44.844	22,114	44.747	22.310	14.649	22.505		22.699	50
f	<u>0</u>	E. W.	NS.	E. W.	N. S.	5. W.		<u>E. W.</u>	_	Daff.
l	5	45	sinh.	n 5-	Ain.		Min. 1	0.1	Ain.	
f	-				63. Degi	ees.				

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		1	26 I	Degrees.			27 D	egrees.	-
Dift.	15 N	lin.	30	Min.	45	Min.	O N	lin.	Dift.
	N. S.		N. S.			E. W.		E. W.	1.2
51	45.741	22.557	45.642	22.756 23.202 23.648 24.095	45-542	22.955	45.441	23.153	51
52	46.637	22.999	46.537	23.202	40.435	23.405	46.332	23.607	.52
53	47.534	23.441	47.432	23.048	47.328	23.855	47,223	24.061	53
54	40.431	23.004	40.320	24.095	40.221	24.305	40.114	24.515	54
55	49.320	24.320	49.421	24.541	49.114	24.755	49.005	24.909	.55
56	50.225	24.708	50.116	24.987	50.007	25.200	49.896	25.423	56
57	51.122	25.210	51.011	25.433	50.900	25.050	50.787	25.877	57
58	52.019	25.053	51.900	25.879	51.793	20.100	51.078	20.331	58
59	52.910	26 527	62 606	26.326	62 570	27.006	52.509	20.705	59
00	33.012	~	33.090	20.772	33.379	27.000	33.400	27.239	60
01	54.709	20.980	54.591	27.218	54.472	27.450	54.351	27.693	61
02	55.000	27 86	55.400	28.710	55.305	27.900	55.242	28.147	62
03	57 400	28 206	57 276	28.110	57 151	28.350	57.024	20.001	
6-	\$8.207	28.740	58.171	28.557 29.003	158.044	20.256	57.010	20.500	64
									65
				29.449					6.6
607	60.090	20.033	60 8-6	29.895 30.341	59.030	30.157	59.097	30.417	67
60	61 884	20. 518	61.750	30.788	61 616	21 0-7	61 170	30.071	
70	62.781	20.060	62.645	31.234	62.500	31.507	62.270	21 770	69
10	62 6-0	21 100	62 . 40	31.680	62 100	5	62 . 6	5	70
									71
72	65 472	22 287	61 220	32.126	6- 18-	32.407	04.152	32.087	72
75	66 260	22.720	66.220	33.019	66 080	32.057	65.043	33.141	73
75	67.265	33.172	67.120	33.465	66.079	33.757	66.825	24.040	74
	68.162					34.208			.75
76	60.000	24.056	68 010	24.257	68 7	34.208	67.716	34.503	76
78	60.056	34.400	69.80:	34.802	60.602	34.050	60.108	34.957	77
79	70.853	34.941	70.700	34.357 34.803 35.250 35.696	70.545	35.558	70.380	25.865	79
80	71.750	35.383	71.595	35.696	71.438	36.008	71.280	36.310	80
8.	72.617	25.825	72.400	26.142	72 221	26 1-8	72 171	26'772	8
82	73.544	36.268	73.285	36.142 36.588	73.224	26.008	72.062	37 227	82
82	74.440	36.710	74.280	37.034	74.117	37.358	73.052	37.681	83
84	75.337	37.152	75.174	37.481	75.010	37.808	74.845	28.125	84
85	76.234	37.595	76.069	37.927	75.903	38.258	75.736	38.589	8
86	77.121	38.027	76.064	38.272	76.706	28 700	76 627	20 012	86
87	78.028	38.479	77.859	38.373 38.819	77.680	30.150	77.518	30.407	87
88	78.925	38.921	78.754	39.265 39.712	78.582	39.600	78.400	39.951	88
89	79.822	39.364	79.649	39.712	79.475	40.059	79.300	40.405	89
90	80.719	39.806	80.544	40.158	80.368	40.509	80.191	40.859	90
91	81.615	40.218	81.439	40.604	81.261	40.950	81.082	11.313	91
92	82.512	40.691	82.334	41.050	82.154	41.400	81.973	41.767	92
93	03.400	41.133	03.229	41.490	03.047	41.850	182.804	42.221	93
94	\$4.306	41.575	84.124	41.943	83.940	42.300	83.755	42.675	0.1
95	85.203	42.017	85.019	42.389	84.833	42.759	84.646	43.129	95
96	86.100	42.460	85.914	42.835	85.726	43.210	86.637	43.683	96
07	86 007	42.002	186.800	49.281	86 610	112 660	86 408	44 027	97
08	87:804	13.344	187.704	43.727	87.512	44.110	87 210	44.401	08
99	88.790	43.787	88.598	44.174	88.405	44.560	88.210	44.945	99
100			89.493						100
D	E. W.	N. S.	E. W.	IN. S.	E. W.	N. S.	E. W.	N. S.	F
Dift.	45	Min.	30	Min.	15 M	Ain.	ON	Ain.	MA
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П		27 Degrees.		28 Degrees.	
Ŗ	15 Mia	30 Min.	45 Min.	o Min.	5
7	N. S. E. W.	N. S.JE. W.	N. S./E. W.	N. SE.W.	.₹
	0.889 0.458	0.887 0.462	0.88; 0.400	0.883 0.469	1
2	1.778 0.916			1.760 0.939	2
3	2.667 1.374	2.661 1.385		2.649 1.408 3.532 1.878	3
4	3.556 1.831 4.445 2.289			3.532 1.878	4
5		5.322 2.770		5.298 2.817	6
7	5.334 2.747 6.223 3.205	6.2 09 3.232		6.181 3.286	
8	7.112 3.663		7.080 3.725	7.064 3.756	7
9	8.001 4.121	7.983 4 156	7.965 4.191	7.947 4.225	9
10	8.890 4.579	8.870 4.617	8.850 4.656	8.829 4.695	10
11			9.735 5.122	9.712 5.164	11
	10.668 5.494	10.644 5.541 11.531 6.003	10.620 5.587 11.505 6.053	10.595 5.634 11.478 6.103	
		12.418 6.464	12.390 6.519	12.361 6.573	14
-		13.30; 6.926	13.275 6.984	13.244 7.042	15
	And and a state of the state of	14.192 7.388	14.160 7.450	14.127 7.512	16
17				15.010 7.981	;3
	16.002, 8.242	15.079 7.850 15.966 8.311	15.930 8.381	15.893 8.450 16.776 8.920	
		16.853 8.773 17.740 9.235	16.815 8.847 17.700 9.312	16.776 8.920 17.659 9.389	19 20
	19.66	18.627 9.697		18 542 9.859	21
21 22	18.669 9.615	19.514 10.158		19.425 10.328	
23	20.447 10.531	20.401 10.620	20.355 10.709	20.308 10.79	23
24	21.336 10.989	20.401 10.620 21.288 1 1.082	21.24011.175	21.191 11.267	24
25	22.225 11.447	22.175 11.544	22.12511.640	22.074 11.737	25
26	23.114 11.905	23.062 12.005	23.01012.106	22 957 12.206	26
27	24.003 12.363	23.949 12.467	23.89512.572	23.840 12.676	27 28
			24.78013.037 25.66513.503	25.605 13.615	29
30	26.67113.736	26.61C13.8;2	26.550 13.96	20.488 14.084	30
31	27.56014.101	27.497 14.314	27.435 14.434	27.371 14.554	31
32	28.440 14.652	28.384 14.776	28.320 14.900	28.254 \$ 5.023	32
33	29.338 15.110	29.27115.238	29.205 15.365 30.090 15.831	29.137 15.493	
34	30.227 15.568	30.15815.699	30.09015.831	30.02015.962 30.903 16.431	34 35
		31.04516.16;		31 786 16.901	36
	32.005 16.483		31.86016.762 32.745117.228	32.669 17.370	
38	33.783117.300	33.700 17.545	33.63017.602	33.552 17.840	
39	34.672 17.857	34.593 18.008	33.63017.693 34.51518.159	34 435 18.309	
40	35-561 18.315	35.480 18.470	35.40 18.625	35.318 18.779	40
41	36.450 18.773	36.367 18.932 37.254 19.393	36.285 19.09c	36.201 19.240	41
42	37.339 19.231	37.254 19.393	37.169 19.556	37.084 19.718 37.967 20.187	42 43
44	30.28019.089	38.141 19.855 39.028 20.317	38.05120.021 38.939 20.487	38.850 20.657	44
45	10.006 20.604	39.915 20.779	39.82120.9;7	39.73: 21.126	45
		40.803 21.240		40.61 21.596	46
47	41.78421.520	41.690 21.702	41.594 21.884	41.499 22.065	47
48	12 672 21 078	112.577 22.164	42.170 22.210	12 382 22.535	48
49	+3.502 22.436	13.404 22.626	43.364 22.815 44.249 23.281	43.264 23.004 44.14 23.474	49 50
<u> -</u> "		E. W. N. S.		E. W. N. S.	
Dift		30 Mm. 5.	······································	• Min.	Di€
P	45 Min.	<u>30 WIN.</u> 62		i o mini	! •
<u> </u>		02	Degrees.		L

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[57]

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		27 Degrees		28 Degrees.	
· 1	15 Min.	1 30 Min.	45 Min.	o Min.	Dia.
5			N. S E. W.		P 1
	N SE.V	-11	<u></u>	N. S.E. W.	
51	15-34 23.3	2 45.238 23.545		45.030 23.943	51
52	46.225 23.80	40.125 24.011	15.015 24 212	45.913 24.412	52
62	17.112 24.2	57 47.012 24.473	16.904 24.678	46.796 24.882	53
54		47.899 -4.934	+7.784 45.143	47.679 25.351	54
55	18.896 25.1		18.674 23.604	48.562 25.821	55
				19.445 20.240	
	19.78; 25.0.	1 49.0/3 - 3.030	50.441 20.540		
57	5074 40.0	50 360 20.320	21 220 27 006	50,328 26.760	57 58
58		57 51.447 26.781	21.329 27.000	51.211 27.229	20
59	52.452 27:0	5 52.334 27.243	52.214 27.471		
:6c	53 341 27.4	72 53.221 27.705	53.099 27.937		
61	54.230 27.9	0 54.108 28.107	53.984 28.402	53.800 28.638	
62	55.110 38.3	821:4.905 28.628	54.869 28.868	54.743 29.107	62
62	55.008 28.8	16 55.882 29.09c	55.754 29.334	55.626 29.577	63
64	6.807 29.20	4 56.764 29.552	56.639 29.799	56.509 30.046	64
65	57.786 89.7	62 57.656 30.014	57.524 30.265		
			58.404 30.731	58.275 30.985	
	20.075 30.2	20 58.543 30.475	50.204 21.104	10 168 91 46	
-67			60. 170 21.662	59.158 31.455 60.040 31.924	68
	60.453 31.1		51 61 22 122	00.923 32.393	60
	61.342 31.5		6. 0.012	6. 806120 86	
70	92.231 32.0			61.806 32.863	
.71	63.120 32.5	02.978 32.784	62.83433.059	62.084 ; 3.32	71
72		67 63.865 33.246	63.71933.524	03.572 33.802	72
1 72	64.898 33.4	25 14.7 : 2 33.706	64.60433.990	54.455 24.271	1 73
1.74	65.78733.8	83 65.639 34.169	65.48934.455	55.338 34.741	74
1 5	65.78733.8 56.676 <u>34</u> .3	41 16.526 34.631	65.4 8 9 3 4.455 66.374 3 4.921	56.221 35.210	75
	67.565 34.7	and a subscription of the local division of	67.250 25.287	57.104 35.680	76
• •	50,505 34.7	66 68 200 25 550		67.987 36.14	77
77	10.454 33.2	56 68.300 35.555 14.69.187 36.010	60.020 26.212	58.8.026 61	5 78
:70	9.343 35,7	12 120 07 1 26 17	69.914 36.78	60.752 27.08	8 79
	70.232 36.1	20170.0/400.4/	70.799 37.249	70 696127 66	8 80
80	[-
18	72.01037.0	8: 71.8+8 37.402	71.634 37-715	71.51938.02	
.8	72.899 37.5	46 72.735 37.863	72.569 38.180	72.402 38.49	
1.8	73.788 38.0	04 73.622 38.325	73.454 30.040	73.285 38.90	
8	74.67 38.4			74.168 39.43	6 84
8	15.566 38.9	19 75.396 39.249		75.051 39.90	
- 80					
	77.344 39.0		76.994 10.00	75.934 +0.37. 76.816 +0.84	4 87
	78.233 10.2	0: 78 or 742 62	77.879 40.97	77.600 41 21	3 86
		511-8 014 4L 00	78.764 41.44	78.582 11.78	3 89
:8	979.183 40.7			5 79.465 +2.25	
190		and the second design of the s		•[]	
9	180.901 41.6		80.534 42.37		2 91
9	281.790 12 .1			6 81.231 43.19	1 92
9	3 82.679 12.			2 82.114 43.66	
9	183.568 13.0		4 3.189 43.76	82.997 44.13	c 94
9	10	498 84.266 43.86	6 84.074 44.23	3 83 88c 14.60	0 9
		35,152 44.32	8 84.959 44.69	9 84.763 45.06	
.9	102		c 84.844 44. 16	5485.616 15.22	9 9
.9		872 86:927 45.25	1 80.720 11.69	5 85.646 45.53 85.529 46.00	8 9
	100	330 37.81445.71	187.614 16.00	6 87.412 46.4	8 9
- 9		787 88,701 46.17	88.499 16.50	1 88.295 46.9.	17 10
				and the second s	
	E. W N.			_	<u>S. </u>
15	45 Min	1 30 Min.	15 Min.	o Miu.	
1		6	2 Degrees.		-1:
. I	-Lagrander				-

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		35 M.	28 De	grees.		-	29 De	egrees.	1
	15	Min	30	Min.	45 M	Min.	0	Min.	P
₽	N. S.	E. w.	N. S.	E. W.	N. S.	E. W.	N. S.	E. W.	P
1	0.881	0.473	0.879	0.477	0.877	0.481	0.875	0.485	1
2	1.762	0.947	1.758	0.954	1.753	0.962	1.749	0.970	1 2
3	2.643	1.420	2.636	1.431	2.630	1.443	2.624	1.454	3
4	3.524	1.893	3.515	1.909	3.507	1.924	4-373	2.424	4
5			5.273	2.863	5.260	2.886	5.248	2.909	-
	5.285	2.840	6.152	3.340		3.367	6.122	3.394	
7	7.047	3.787	7.031	3.817	7.014	3.848	6.997	3.878	-
9	7.928	4.250	7.909	4.294	7.891	4.329	7.872	4.363	5
10	8.809	4.733	8.788	4.772	8.767	4.810	8.746	4.848	10
11	9.690	5.207	9.607	5.249	9.644	5.291	9.621	15-333	II
12	10.571	5.680	10.546	5.726	10.521	5.772	10.495	5.818	12
13	11.452	6.153	11.425	6.203	11.397	6.253	11.370	6.303	13
14	12.332	6.626 7.100	12.303	7.157	13.151	7.215	13.119	7.272	19
16			14.061	7.635	14.028	7.696	13.994	7.757	16
17	14.094	7.573	14.940	8.112	14.904	8.177	14.869	8.242	1
18	15.856	8.520	15.819	8.589	15.781	8.658	15.743	8.727	18
19	16.737	8.993	16.698		16.658	9.139	10.618	9.211	1
20	17.618	9.466	17.576	9.543	17.535	9.620	17.492	9.696	20
21	18.499	9.940	18.455	10.020	18.411		18.307	10.181	21
	19.380			10.497	19.288		19.242		.25
	20.260		20.213		20.165	11.063	20.116	11.151	23
	21.141	11.360	21.092 21.97c		21.041 21.918		21.855	12.120	2.
		11.833					22.740	12.605	20
	22.903	12.306	22.849	12.406	22.795	12.506	23.615		2
	24.665				24.548	13.460		13.575	2
	25.546			13.838	25.425	13.949	25.364	14.059	20
	26.427	14.200	26.365		26.302		26.239	14.544	30
31	27.308	14.673	27.243	14.792	27.179	14.911	27.113	15.024	3
32	28.189	15.146	28.122	15.269	28.055	15.392		15.514	3
33			29.001	15.740	28.932	15.873		15.995	33
34	29.950		29.880		29.8cg 30.685	16.835		16.484	34
		16.566					31.486	17.453	3
30	31.712	17.040	31.637		31.562	17.316		17.938	3
38	32.593	17.513	33.395		33.316	18.278	33.236	18.423	3
	34.355		34.274				34.110	18.908	3
40	35.236	18.933	35.153	19.086	35.064	19.240	34.985		.40
41	36.117		36.031		35.946	19.721	35.859	19.877	4
42	36.997	19.879	36.910	20.041	36.823		5 131		4
43	37.878	20.353	37.789	20.518	37.699		37 009	20.847	43
44 45			38.668	20.995	38.576 39.453	21.164	39.358	21.816	4
-	39.640					22.125	40.235	22.301	4
- I		21.773	40 426	22.426	40.329 41.206		41.107	22.786	4
- A. I.	41.402			22.904	42.083	23.087	41.982		4
	43.164		43.062		42.960	23.568	42.851	23.756	149
	14.045		43.941		43 836	24.049	43.731	24.240	50
1		N. S.	E. W.		E. W.	N. S.	E. W.	N. 5.	0
		11n.	30 N	Ain.	15 1	Min.	ON	110.	Dift

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-		<u> </u>	28 D	egrees.		<u></u>	l ec D		<u> </u>
Di∌	15 N	lin. I	_	Min. 1	1 45	Min.	<u>89 De</u>		
	-	E. W.	N. S.	E. W.	45 N. S.	_	-	Ain.	Di₽
			14.82C		-			E. W.	<u> </u>
51	44.925 45.806	24.139		44.335 24 810	44.713	24.530	44.606	24.725	51
52	46.687	25.086	46.577	25.280	46.467	25.100	45.400	25.210	
53	47.568	25.559	+7.456	25.767	47.343	25.973	47.220	26.180	53 54
55	46.687 47.568 48.449	26.033	48.335	26.244	48.220	26.454	48.104	26.665	55
(6	49.33C 50.211 51.092 51.973 52.853	26.506	49.214	26.721	49.007	26.035	48.070	27.140	56
57	50.211	26.979	50. cg 3	27.198	49.973	27.416	49.853	27.634	57
58	51.092	27.453	59.971	27.675	50.850	27.897	50.728	28.119	58
59	51.973	47.920	51.050	28.152	51.727	28.378	51.603	28.604	59
61	53.734 54.615	28.873	53.008	29.107	53.480	29.340	53.352	29.573	61
									62
64	56.377	30.202	56.244	30.528	55.434	20.782	\$5.076	21.028	63 64
65	56.377	30.766	57.123	31.015	56.987	31.264	56.850	31.513	65
166	158.1301	81.230	\$8.002	31.402	57.864	31.740	67.720	21 007	66
1 6-	0201	21 712	LCX XXI	21 070		0.0.0.2	- 9 6		67
68	69.901	32.186	59.760	32.447	59.617	32.707	59.474	32.967	68
69	00.781	32.059	00.038	32.924	60.494	33.188	60.349	33.452	69
<u>_7°</u>	69.901 60.781 61.662	33.132	01.517	33.401	01.371	33.069	01.223	33.937	.70
1 71	102.5431	93.000	02.200	112.878	62.248	24.100	62.008	24 400	71
72	63.424 64.305 65.186	54.079 24 5 5 6	64 154	34.355	03.124	34.031	02.973	34.906	72
74	65.186	35.026	65.032	34.033	64.878	25 502	64 722	35.391	73
1 75	100.00/1	35.499	102.911	145.707	105.766	120.074	106.000	20 201	74 75
76	66.948 67.629 68.709 69.590	35.972	66.790	36.264	66.621	36.000	66.471	26 846	76
77	67.829	36.446	67.669	36.741	67.08	37.030	67.346	37.220	77
78	368.709	36.919	68.548	37.218	68.385	37.517	68.220	37.815	78
79	69.590	37.392	69.487	37.696	69.261	37.998	69.095	3 8.30c	79
1 04	9/0.471	5/.000	10.305	30.173	470.1 38	30.479	109.970	38.785	80
81	71.352	38.339	71.184	38.650	71.015	38.960	70.844	39.270	81
									82
8	73.114 73.995 74.876	39.200	77.821	40 081	72.708	39.922	78.593	40.239	83
8	74.876	40.232	74.694	40.550	74.522	40.884	74-242	41.200	84 85
86	575.757	40.706	75.578	41.026	75 200	41 260	21 212	47.604	86
8	76.638	41.179	76.457	41.513	76.270	41.846	76.002	42.178	87
88	76.638. 77.518	41.659	77.336	41.990	77.152	42.327	76.967	42.663	88
1 89	78.3991	42.125	78.215	41.407	78.020	42.808	77.841	41.148	89
1 99	79.280	42.599	79.094	42.944	78.905	43.280	78.716	43.633	90
9	80.161 281.042	43.07#	79.972	43.421	79.782	43.770	79.590	44.118	91
92	281.042	43.546	80.851	43.899	80.659	44,251	80.465	44.603	92
1 93	182 804	44.019	82.600	44.370	81.536	44.732	81.340	45.087	9 3
1	81.923 82.804 583.685	44.06	83.488	45.310	87.980	45.60	82.080	45.572	94 05
	184.666	15.420	84.266	45 807	84.64	46 17	82.06	46 4 4	95
16	84.566 85.446 86.327 987.208	45.012	85.245	46.281	86.042	40.175	84 828	40.542	96 07
1 9	86.327	46.385	86.124	46.769	85.910	47.137	85.712	47.511	97 98
9	87.208	46.8 5 9	87.003	47.239	86.796	47.618	86.587	47.996	99
EI VA	00.00y	47.335	9/.004	+7.710	87.673	48.099	87.462	48.481	100
U	E. W.	N. S.	Ē. W.	N. S.	E. W.	N. S.	E. W.		-
P	_45 M	lin.	. 30	Min.	IS	Min.	ON	tin.	Dift.
1 ×			•	61 D	egrees.				• •

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_1	1	ALC: N.F.		Degrees.	5712	1.11	1 30 De	grees.	1
	15 M	in.	30	Min,	45	Mi.	I ON		D
	N. S.	E. W.	N. D.	E. W.	N. S.	E. W.	.N. S.	E. W.	1.7
1	0.872	0.489	0.870	0.492	0.868	0.496	0.865	0.500	
. 2	1.745	0.977	1.741	0.985	1.736		1.732	1.000	1
3	2,617	1.466	2.611	1.477	2.605	1.489	2.598	1.500	
4	3.490	1.954	3.481	1.976	3.473	1.985	3.464	2.000	1
- 5	4.362	2.443	4.352	2.462	4.341	2.481	4.330	2.500	_
6	5.235	2.932	5.222	2.955	5.209	2.977	5.196	3.000	1.
7	6.107	3.420	6.963	3 447	6.077	3.474	6.062	3.500	
9	7.852	3.9%	7.833	3.935 4.432	6.946 7.814		6.928	4.000	
10	8.725	4.886	8.704	4.924	8.682	4.962	8.660	4.500	1
11	9.597	5.375	9.574	5.417			9.526		1
12	10.470	5.863	10.444		9.550	5.450	10.392	5.500	1
13		6.352	11.315		11.287		11.258		I
14	12.215	6 841	12.185	6.894	12.155	6.9.17	12.124	7.000	1
15	13.087	7.325	13.055	7.386	13.023	7.443	12.990	7.500	1
16	13.900	7.812	13.926	7.875	13.801	7.934	13.850	8.000	1
17	14.832	8.307	14.796		14.759		14.722	8.500	
18	15.705	8.795	15.600		15.628	8.932	15.588		
	16.577	9.284	10.537	9.350	16.496		16.454	9.500	1
20	17.450	9.772	17.407	9.848	17.364	9.924		10.000	1 7
21	18.322	10.261	18.277	10.341		10.421	18.187	10.500	2
	19.195	10.750	19.148			10.917		11.000	2
23			20.018	11.320		11.413		11.500	
	20.940			11.818	20.037	11.909		12.000	-
25	21.812	12.216	21.759		21.705			12.500	2
26	22.605	12.704	22.029	12.803	22.573	12.902	22.517	13.000	2
	23.557	13.193		13.295		13.398	23.383	13.500	2
	24.430 25.302			13.782 14.28c		13.894	25 115	14.000	
30	26.175	14.655		14.773		14.886		15.000	
	27.047		26 981	15.205		15.383		15.500	12
	27.920			15.758		15.879		16.000	3
	28.792		28.722	16,250	28.651	16.375		16.500	3
34		16.613	29.592	16.743		16.871		17.000	
	30.537	17.10?	30 462	17.235	30.387	17.368		17.500	
36	31.410	17.59	31.333	17.727	31.2:5	17.864	31.177	18.000	
37	32.282		32.203	18.220	32.123	18.360	32.043		3
38	33.155	18.568	33.074	18.712	32.992	18.856	32.909	19.000	3
39	34.027		33.944			19.352	13.775	19.500	3
40		19.545	34.814	19.697	34.728	19.849	34.641	20.000	4
41	35.772	20.033	35.685	20.189	35.596		35.507		4
42	36.645	20.522	30.555		36.464		30.373	21.000	4
	37.517	21.011	37.425		37.333	21.337		21.500	4
44	38.390	21.988	38.296		38.201			22.000	4
45	39.262			22.159		22.33C			4
46	40.135	22.470	40.030		39.937		39 837	23,000	4
47	41.007	22.965	40.907		40.805			23.500	
48	41.880	23.0434	142.647	23.636 24.129	41.674	24.21		24.000	4
		24.431	43.418	24.621	+3.410	24.811	13.301		4
50	E.W.			N. S.	W		E. W.	N. S	5
Dift		Man.		Ain.		white.	ON		D

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1	29 Degrees.		30 Degrees.	-
N SIF W	<u>30 Min.</u>	45 Min.	o Min.	Dia
	N. S.E. W.	N. S. E. W.		•
51 44.497 24.920 52 45.37C 25.408	44.388 25.114	44.278 25.307	44.167 25.500	51
52 45.37 25.408	45.259 25.600	45.146 25.803	45.033 26.000	52
52 45.37025.400 53 40.242 25.897 54 47.115 26.386 55 47.987 26.874	46.000 26.001	40.015 20.299	45.899 20.500	53
55 47.987 26.874	47.870 27.083	47.75127.202	17.62127.000	54 55
56 48.86c 27.363	\$8.7.10 27.576	48.610127.788	48.497 28.000	
67 49.732 2.851	49.610 28.068	49.487 28.284	49.363 28.500	57
67 49.732 2 .851 58 50.605 28.340	50.481 28.561	50.356 28.781	50.229 29.000	58
5951.47720.829	51.351 29.052	SI.924 20.277	1.00120.000	59
60 52.350 29.317	52.221 29.545	52.092 29.773	51.961 30.000	60
61 53.222 29.806 62 54.095 30.295	53.092 30.038	52.90030.209	52.828 30.500	61
63 54.967 30.783	54.822 31.022	53.02030.705	53.09431.000	62 63
64 55.840 31.272	55.70331.515	55.565 31.758	55.426 32.000	64
64 55.846 31.272 65 50.712 31.760	50.573 32.008	56.433 32.254	56.292 32.500	65
66 57.58 32.240	\$7.142 32.500	\$7.201 32.700	\$7.108 22.000	66
67 58.457 32.738	58.31432.992	58.16933.246	58.024 33.500	67
08 59.330 33.226	59.18433.485	59.038 33.743	58.890 34.000	68
67 58.457 32.738 68 59.330 33.226 69 60.202 33.715 70 61.075 34.203	60.021124.470	59.900 34.239	59.756 34.500	69
7161 043 24 600	61 000 24 060	6. 6. 6. 6. 6. 6. 6. 6. 6. 6. 6. 6. 6. 6	6.02233.000	70
7161.947 34.692 7262.82035.181	62.60635.455	62.51035.728	62 2 64 26 000	71
73 63.692 35.669	63.53635.947	63.370 36.224	63.220 36.500	72
74 64.565 36.158	64.406 36.439	64.247 36.720	64.086 37.000	74
73 63.692 35.669 74 64.565 36.158 75 65.437 36.647	65.277 36.932	65.11537.216	64.952 37.500	75
766.31037.135	65. 147 37.424	65.983 37.7.22	65.81838.000	76
77 07.182 37.024	67.017 37.917	66.851 38.209	66.684 38.500	77
78 68.055 38.112 75 68.927 38.601	68.7538.001	68.58839.201	68.416 39.500	78
80.69.80039.090				79 80
81 70.072 39.578 82 78.545 40.067	71.364 40.379	71.192 40.690	71.01441.000	82
\$3 72.417 40.556	72.240 40.871	72.06141.186	71.880 41.500	83
8473.29041.044	73.11041.304	72.92941.682	72.746 42.000	
8574.162 41.533	73.98041.850	73.797 42.178	73.612 42.500	85
86 75.035 42.021	74.851 42.348	74.065 42.675	74.478 43.000	86
87 75.907 42.51C	76.50142.392	76.40242.667	76.21044 000	87 88
88 76.78042.999 89 77.65243.487	77.46243.826	77.27044.163	77.076 44.000	89
90 78.525 43.976	78.33244.318	78.13844.659	77.942 45.000	90
91 79. 347 44.465	79.202 44.811	79.006 45.156	78.808 45.500	91
92 80. 270 44. 953	80.07345.303	79.874 45.652	79.67446.000	92
93 81.142 45.442	80.943 45.795	80.743 46.148	80.54046.500	93
9482,01545.930 9582.88740.419	82.68146.780	82.47047 1	82.27247 100	94
9683.76046.908 9784.63247.396	84.42 . 47.76	84.215 48.122	84.004 48.000	96 97
9885.50547.885	85.295 48.258	85.08148.629	84.870 49.000	97
9885.50547.885 9986.37748.373 10087.25048.862	86.165 48.750	85.952 49.125	85.73649.500	99
100 87.250 48.862	87.03649.242	86.820 49.622		100
0'E. W.N. S.	E. W.IN. S.	E. W.IN. S.	E. W.IN. S.	1.1
3 45 Min.	30 Min.	15 Min	o Min.	Dia i
-	60 De	grers.		

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		and an		Degrees.				egrees.	
Dia	15	Min.	30	Min.	45	Min.	ON	Ain.	2
1	N. S.	E. W.	N. S.	E. W.	N. S.	E. W.	N. S.	E. W.	
1	0.864	30.504	0.862	0.508	0.859	0.511	0.857	-0.515	
2	1.728	1.008	1.723	1.015		1.023	1.714	1.030	:
3		1.511		1.523		1.534	2.572		
4	3.455	2.015	3.447	2.030	3.438	2.045	3.429	2.060	
5	4.319	2.519	4.308	2.538	4.297	2.556	4.286	2.575	-
6		3.023	5.170	3.045	5.156	3.068	5.143	3.090	
.7		3.526	6.031	3.553					
	-	4.030	6.893	4.060	6.875	4.090		4.120	
9	7.775	4.534 5.038	7.755 8.616	4.568		4.602	7.714	4.635	1
-	**** **			5.075	8.594	5.113	8.572	5.150	
11		5.542	9.478	5.583	9.453	5.624	9.429	5.665	1
	10.366				10.313		10.286	6.180 6.695	1:
	12.094	6.549 7.053	12.063		11.172		12.000	7.211	1
15		7.557	12.924	7.613	12.891		12.858	7.726	1
-	13.821	8.060		8.121			13.715	8.241	1
	14.685	8.564	14.648		13.750 14.610		14.572	8.756	1
	15.549	9.068			15.469			9.271	i
	16.413		16.371		16.329		16.286	9.786	1
	17.277			10.151	17.188		17.143	10.301	20
31			18.094			10.737	18.001	10.816	2
22	19.004	11.083	18.956	11.166	18.907	11.248			2:
23	19.868	11.587	18.956 19.817	11.673	19.766	11.760	19.715	11.846	2
24	20.732	12.091	20.679	12.181	20.026	12.271	20.572	12.301	24
25	21.596	12:594	21.541	12.688	21.485	12.782	21.429	12.876	2
26	22.460	13.008	22.402	13.196	22.345	13.294	22.286		21
27	23.324	13.602	23.264 24.126	13.704	23.204	13.805	23.143	13.906	2
38	24.187	14.106	24.126	14.211	24.063	14.316	24.001	14.421	28
29	25.051	14.609	24.987 25.849	14.719	24.923	14.827	24.858	14.936	20
30	25.915	15.113	25.849	15.226	25.782	15.339	25.715	15.451	30
3,1	26.779	13.617	26.710	15.734	26.642	15.850	26.572	15.966	3:
32	27.643	16.121	27.572 28.434 29.295	16.241	27.501	16.361	27.429	16.481	3
33	28.507	10.025	28.434	16.749	28.360	10.872	28.280	10.996	3
34	29.370	17.120	29.295	17.250	29.220	17.304	29.144	17.511	34
35			30.157				30.001		3
36	31.098	18.136	31.019	18.271	30.939	18.407	30.858		30
37	31.902	10.040	31.880	18.779	31.798	10.918	22.5715	19.050	3
20	33.600	10.647	32.742 33.604	19.200	32.057	19.429	33.420	20.086	39
39	34.552	20.151	34.465	20.202	34.376	20.452	34.287	20.602	4
	35.417								
41	26.281	21.150	36.188	20.809	26.005	21.474	36.001		4
12	37.145	21.662	37.000	21.821	36.054	21.086	36.858	22.147	4
44	38.000	22.166	37.050 37.912	22.332	37.814	22.497	37.715	22.662	44
45	38.873	22.670	38.773	22.839	38.673	23.008	38.573	23.177	4
									4
47	40.600	23.677	39.635 40.497	23.854	49.302	24.031	40.287	24.207	47
48	41.464	24.181	41.358	24.362	41.251	24.542	41.144	24.722	48
49	42.328	24.685	42.220	24.869	42.111	25.053	42.001	25.237	49
50	43.192	25.189	43.081	25.377	42-979	25.565	42.858	25.752	-50
-		N. S.	E. W.		E.W.	N. S.	E. W.	N. S.	
		Mia	the second second	Min.	15	Min.	o M	lin,	Diff.
	40		35		grees.				

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[63] .

$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	E	1	30 Degrees.	10.547.1	31 Degrees.	1
	12		30 Min.	45 Min.	o Min.	Dift.
	1	N. S.E. W.	N. S. E. W.	N. S.E. W.	N. S.JE. W.	?
	5	44.056 25.692	43.943 25.884	43.830 26.076	43.716 26.267	51
$ \begin{array}{c} 5446.647 [27, 204] 46, 528 [27, 407] 46, 408 [27, 610] 46, 287 [27, 812] \\ 5648.375 [28, 211] 48.251 [28, 925] 47, 267 [28, 121] 47, 144 [28, 227] \\ 5648.375 [28, 211] 48.251 [28, 935] 48, 127 [28, 132] 48, 103 [28, 842] \\ 5749, 239 [28, 715] 49, 974 [29, 437] 49, 846 [29, 055] 49, 716 [29, 872] \\ 59, 50, 102 [29, 219] 49, 974 [29, 437] 49, 846 [29, 055] 49, 716 [29, 872] \\ 59, 50, 102 [29, 219] 49, 974 [29, 437] 49, 846 [29, 055] 49, 716 [29, 872] \\ 50, 511 [30] 30, 226 [51, 698] 30, 945 [50, 757] 30, 160] \\ 50, 573 [30, 226] 51, 698 [31, 433] 50, 950 [52, 424] 31, 189 [22, 287] 31, 491 \\ 62 [53, 558] 31, 234 [53, 421] 31, 407 [53, 283] 31, 700 \\ 53, 144 [32, 242] 55, 144 [32, 482] 55, 003 [32, 231] 54, 023 [32, 447] \\ 64 [55, 263 [2, 242] 55, 144 [32, 482] 55, 003 [32, 231] 54, 6573 [33, 993] \\ 65, 57, 87, 73, 37, 53 [57, 429] 44, 005 [57, 680] 44, 257] 57, 430 [34, 608] \\ 68 [58, 741] 34, 257 [56, 93] 34, 951 [36, 243] 57, 768 [34, 257] 57, 430 [34, 608] \\ 68 [58, 741] 34, 257 [56, 93] 34, 951 [36, 23] 57, 950 [35, 287] 35, 233 [35, 23] \\ 70 [60, 469] 35, 264 [60, 314] 35, 528 [60, 158] 35, 791 [60, 002] 36, 053 [37, 968] 57, 795 [59, 148] 35, 716 [37, 683] 17, 63, 70, 83 [37, 93] 57, 739 [37, 234] 62, 573 [37, 324] 62, 573 [37, 324] 62, 573 [37, 988] 74 [63, 93] 57, 79 [65, 761] 37, 558 [61, 877] 36, 813 [61, 761] 37, 938 [37, 968] 57, 718 [37, 736] 64, 623 [38, 005] (57, 738, 73, 73, 246] 65, 345 [37, 736] 65, 345 [38, 791] 60, 002 [36, 658] 74 [63, 43] 39, 736 [63, 453] 37, 735 [64, 23] 38, 056 [61, 158] 36, 903 [63, 430] 38, 113 [37, 64, 788] 37, 783 [64, 623] 38, 056 [61, 158] 36, 903 [65, 436] 36, 176 [37, 988] 74 [63, 93, 914] 35, 716 [63, 453] 37, 736 [64, 23] 38, 056 [67, 747] 36, 836 [36, 176] 37, 838 [36, 176] 37, 838 [36, 176] 37, 838 [36, 176] 37, 838 [36, 176] 37, 838 [36, 176] 37, 838 [36, 176] 37, 838 [36, 176] 37, 838 [36, 176] 37, 838 [36, 176] 37, 838 [36, 176] 37, 838 [36, 176] 37, 838 [36, 176] 37, 838 [36, 176] 37, 838 [36, 176] 37, 838 [36, 176] 37, 838 [36, 176] 37, 838 [36, 1$	5	2 44.919 26.196	44.805 26.392	14.689 26.587	44.573 26.782	52
$ \begin{array}{l} 5447.0, 647.27, 20.446, 528.27, 407, 406, 406, 827.0, 101, 40, 287, 127, 81, 2 \\ 5547.511, 277, 707, 47, 389, 27, 915, 47, 867, 128, 121, 47, 144, 28, 327, 5648, 375, 28, 321, 48, 291, 28, 371, 549, 113, 28, 930, 48, 986, 29, 144, 48, 859, 29, 357, 58, 50, 102, 29, 219, 49, 974, 29, 437, 49, 846, 29, 655, 49, 716, 29, 573, 50, 506, 50, 753, 30, 387, 505, 507, 503, 506, 505, 733, 30, 387, 505, 507, 503, 506, 505, 733, 30, 387, 505, 507, 503, 506, 505, 733, 30, 387, 505, 507, 503, 5144, 31, 932, 503, 503, 503, 503, 503, 503, 503, 503$	53	3 45.783 26.700	45.666 26.900	45.549 27.099	45.430 27.297	53
	54	40.047 27.204	40.528 27.407	40.408 27.610	46.287 27.812	54
$ \begin{array}{l} 5749.239 (28.715) \begin{array}{l} 49.113 (28.930) (29.144) (48.859) (29.144) (48.859) (29.357) \\ 5850.102 (29.219) (49.974 (29.437) (49.846 (29.655) (49.716 (29.872) (59.573) (59.387) (59.573) (59.375) (59.573) (59.387) \\ 5950.966 (29.723) (59.36) (29.945) (59.753) (59.678) (59.573) (59.387) \\ 5950.966 (29.723) (52.559) (59.69) (52.424) (21.189) (52.287) (21.443) (9.292) \\ 51.430 (29.272) (52.558) (52.443) (52.459) (52.424) (21.189) (52.287) (21.443) (9.292) \\ 53.558 (31.234) (53.443) (24.483) (55.002) (27.723) (54.593) (29.472) \\ 55.286 (32.244) (55.144) (22.475) (55.002) (27.713) (32.497) (55.564) (23.2742) (54.859) (29.962) \\ 55.5149 (32.745) (55.006) (22.990) (55.861) (23.2742) (54.859) (29.962) \\ 55.5149 (32.745) (55.600) (22.990) (55.861) (23.274) (55.716) (23.477) (56.573) (23.977) (57.737) (37.753) (57.729) (24.005) (57.683) (24.257) (57.473) (34.608) (59.452) (59.299) (55.261) (33.247) (55.573) (59.297) (57.747) (33.475) (57.747) (34.653) (57.203) (24.257) (57.473) (34.608) (59.452) (59.299) (55.279) (59.146) (55.287) (57.633) (59.452) (59.299) (55.279) (59.146) (35.273) (59.452) (59.452) (59.299) (55.279) (59.146) (35.273) (59.453) (57.373) (59.453) (57.373) (59.63) (57.373) (59.63) (59.573) (59.377) (59.64) (53.87) (57.76) (23.99) (57.56) (57.73) (53.758) (57.373) (59.63) (57.76) (57.76) (57.558) (57.373) (59.377) (59.64) (57.773) (57.68) (57.737) (57.68) (57.737) (57.68) (57.737) (57.68) (57.737) (57.68) (57.737) (57.68) (57.76) (57.76) (57.558) (57.373) (57.76) (57.76) (57.758) (57.773) (57.76) (57.773) (57.773) (57.76) (57.76) (57.76) (57.758) (57.773) (57.76) (57.76) (57.758) (57.777) (57.773) (57.76) (57.773) (57.773) (57.76) (57.76) (57.76) (57.773) (57.773) (57.76) (57.773) (57.578) (57.773) (57.773) (57.778) (57.773) (57.773) (57.778) (57.773) (57.773) (57.778) (57.773) (57.$	59	47.511 27.707	47.389 27.915	47.207 28.121	47.144 28.327	55
	50	48.375 28.211	48.251 28.422	48.127 28.632	48.001 28.842	56
	57	49.239 20.715	49.113 20.930	40.900 29.144	48.859 29.357	57
$\begin{array}{c} 6\circ 51.83\circ 30.2.226 \\ 51.698 \\ 30.452 \\ 52.694 \\ 30.730 \\ 52.694 \\ 30.730 \\ 52.659 \\ 31.234 \\ 53.421 \\ 51.422 \\ 51.234 \\ 53.423 \\ 51$	20	50.966 29.723	50.826 20.040	50.700 20.166	49.710 29.872	58
	60	51.830 30.226	51.698 30.452	51.564 30.678	\$1.430 30.002	59
$\begin{array}{c} 62 53 \cdot 55 8 31 \cdot 234 \\ 53 \cdot 422 3 1 \cdot 738 \\ 54 \cdot 23 3 \cdot 1975 \\ 54 \cdot 143 3 \cdot 221 \\ 54 \cdot 22 3 1 \cdot 738 \\ 54 \cdot 23 3 \cdot 1975 \\ 54 \cdot 143 3 \cdot 221 \\ 55 \cdot 25 6 32 \cdot 224 \\ 55 \cdot 149 3 2 \cdot 745 \\ 55 \cdot 05 6 3 2 \cdot 990 \\ 55 \cdot 86 1 3 3 \cdot 234 \\ 55 \cdot 716 3 3 \cdot 429 \\ 55 \cdot 85 6 3 3 \cdot 234 \\ 55 \cdot 716 3 3 \cdot 429 \\ 57 \cdot 877 3 3 \cdot 733 \\ 57 \cdot 729 3 4 \cdot 05 \\ 57 \cdot 580 3 4 \cdot 257 \\ 57 \cdot 877 3 3 \cdot 733 \\ 57 \cdot 729 3 4 \cdot 05 \\ 57 \cdot 580 3 4 \cdot 257 \\ 57 \cdot 430 3 4 \cdot 508 \\ 68 \cdot 58 \cdot 741 3 4 \cdot 237 \\ 58 \cdot 591 3 4 \cdot 513 \\ 58 \cdot 440 3 4 \cdot 768 \\ 58 \cdot 741 3 4 \cdot 237 \\ 58 \cdot 591 3 4 \cdot 513 \\ 59 \cdot 299 3 5 \cdot 279 \\ 59 \cdot 145 3 5 \cdot 538 \\ 60 \cdot 53 4 \cdot 760 \\ 60 \cdot 59 4 \cdot 760 \\ 60 \cdot 34 \cdot 790 \\ 60 \cdot 176 3 - 768 \\ 60 \cdot 776 3 - 758 \\ 60 \cdot 771 3 - 798 \\ 60 \cdot 771 3 - 798 \\ 60 \cdot 771 3 - 798 \\ 60 \cdot 771 3 - 716 \\ 60 \cdot 34 3 - 798 \\ 60 \cdot 771 4 - 788 \\ 77 \cdot 56 3 - 717 4 - 788 \\ 77 \cdot 577 4 - 788 \\ 77 \cdot 578 4 - 778 4 - 778 \\ 77 \cdot 578 4 - 788 \\ 77 \cdot 578 4 - 377 4 - 788 \\ 77 \cdot 578 4 - 378 \\ 77 \cdot 578 4 - 378$	61					61
$\begin{array}{c} 6354.42231.738 \ 54.283331.975 \ 54.14332.211 \ 54.002 \ 32.447 \ 64.55.286 \ 32.242 \ 55.144 \ 32.482 \ 55.002 \ 32.723 \ 54.859 \ 32.962 \ 55.861 \ 33.234 \ 55.716 \ 33.477 \ 56.573 \ 33.993 \ 57.580 \ 34.257 \ 57.877 \ 33.753 \ 57.729 \ 34.005 \ 57.580 \ 34.257 \ 57.877 \ 33.753 \ 57.729 \ 34.005 \ 57.580 \ 34.257 \ 57.483 \ 39.455 \ 50.49 \ 35.64 \ 32.990 \ 57.580 \ 34.257 \ 57.483 \ 34.503 \ 59.653 \ 34.508 \ 59.443 \ 34.573 \ 57.580 \ 34.257 \ 57.483 \ 35.023 \ 59.653 \ 34.508 \ 59.443 \ 55.528 \ 50.158 \ 35.791 \ 59.453 \ 55.88 \ 50.158 \ 35.791 \ 59.453 \ 55.88 \ 50.158 \ 35.791 \ 59.453 \ 55.88 \ 50.158 \ 35.791 \ 59.453 \ 55.88 \ 50.158 \ 35.791 \ 59.453 \ 55.88 \ 50.158 \ 35.791 \ 59.453 \ 55.88 \ 50.158 \ 35.791 \ 59.453 \ 55.88 \ 50.158 \ 35.791 \ 59.453 \ 55.68 \ 50.158 \ 35.791 \ 59.453 \ 55.68 \ 50.158 \ 35.791 \ 59.453 \ 55.88 \ 50.178 \ 57.38 \ 50.158 \ 55.79 \ 59.453 \ 57.88 \ 50.178 \ 57.88 \ 59.145 \ 57.88 \ 59.145 \ 57.88 \ 59.145 \ 57.88 \ 59.145 \ 57.88 \ 59.145 \ 57.88 \ 57.168 \ 57.88 \ 57.148 \ 57.148 \ 57.148 \ 57.148 \ 57.148 \ 57.148 \ 57.148 \ 57.148 \ 57.148 \ 57.148 \ 57.148 \ 57.148 \ 57.148 \ 57.148 \ 5$	02	53.55831.234	53.421 31.467	53.203 31.700	53.144 21.022	62
$\begin{array}{c} 6_{5} 5_{5} \cdot 28_{0} 3_{2} \cdot 24_{2} \\ 5_{5} \cdot 14_{9} 3_{2} \cdot 4_{7} \\ 5_{5} \cdot 6_{6} - 4_{9} 3_{2} \cdot 74_{5} \\ 5_{5} \cdot 6_{6} 3_{3} \cdot 24_{9} \\ 5_{5} \cdot 86_{1} 3_{3} \cdot 24_{9} \\ 5_{5} \cdot 86_{1} 3_{3} \cdot 24_{9} \\ 5_{5} \cdot 87_{1} 3_{3} \cdot 24_{9} \\ 5_{5} \cdot 8_{7} 3_{3} \cdot 73_{3} \\ 5_{7} \cdot 87_{7} 3_{3} \cdot 73_{3} \\ 5_{7} \cdot 87_{7} 3_{3} \cdot 73_{3} \\ 5_{7} \cdot 58_{7} 3_{4} \cdot 25_{7} \\ 5_{7} \cdot 87_{7} 3_{3} \cdot 75_{3} \\ 5_{7} \cdot 29_{3} 3_{4} \cdot 005 \\ 5_{9} \cdot 60_{5} 3_{4} \cdot 706 \\ 5_{9} \cdot 42_{5} - 76_{3} 3_{4} \cdot 205 \\ 5_{9} \cdot 299_{3} 3_{5} \cdot 27_{9} \\ 5_{9} \cdot 14_{5} 3_{5} \cdot 538 \\ 6_{0} \cdot 15^{8} 3_{5} \cdot 71_{9} \\ 5_{9} \cdot 14_{5} 3_{5} \cdot 538 \\ 6_{0} \cdot 15^{8} 3_{5} \cdot 71_{9} \\ 5_{9} \cdot 14_{5} 3_{5} \cdot 538 \\ 6_{0} \cdot 15^{8} 3_{5} \cdot 71_{9} \\ 5_{9} \cdot 14_{5} 3_{5} \cdot 538 \\ 6_{0} \cdot 15^{8} 3_{5} \cdot 71_{9} \\ 5_{1} \cdot 6_{1} 3_{2} 3_{5} \cdot 768 \\ 6_{1} \cdot 17_{6} 3_{6} \cdot 03_{5} \\ 6_{1} \cdot 17_{6} 3_{6} \cdot 03_{2} \\ 6_{0} \cdot 04_{9} 3_{5} \cdot 27_{4} \\ 6_{0} \cdot 34_{2} 3_{5} \cdot 056 \\ 6_{1} \cdot 17_{8} 3_{5} \cdot 71_{9} \\ 6_{1} \cdot 76_{1} 3_{7} \cdot 58 \\ 6_{1} \cdot 32_{9} 3_{7} \cdot 26_{4} \\ 6_{2} \cdot 38_{2} 3_{7} \\ 6_{5} \cdot 62_{1} 3_{6} 3_{2} 3_{7} \cdot 73_{5} \\ 6_{4} \cdot 62_{1} 3_{5} \cdot 36_{5} \\ 6_{1} \cdot 45_{5} 3_{8} \cdot 33_{7} \\ 6_{5} \cdot 62_{1} 3_{8} \cdot 327 \\ 6_{5} \cdot 62_{1} 3_{8} \cdot 37_{1} \\ 6_{5} \cdot 62_{1} 3_{8} \cdot 37_{1} \\ 6_{5} \cdot 62_{1} 3_{8} \cdot 37_{1} \\ 6_{5} \cdot 62_{1} 3_{8} \cdot 73_{1} \\ 6_{5} \cdot 62_{2} 3_{8} \cdot 37_{1} \\ 6_{5} \cdot 62_{2} 3_{8} \cdot 37_{1} \\ 6_{5} \cdot 62_{1} 3_{1} - 73_{1} \\ 6_{5} \cdot 62_{1} 3_{1} - 73_{1} \\ 6_{5} \cdot 62_{1} 3_{1} - 74_{2} \\ 6_{5} \cdot 74_{1} \\ 6_{5} \cdot 74_{1} 4_{1} \cdot 71_{1} \\ 6_{5} \cdot 62_{2} 4_{2} \cdot 37_{1} \\ 4_{1} \cdot 63_{1} \\ 8_{1} - 71_{1} 4_{2} \cdot 8_{2} \\ 8_{1} - 71_{1} 4_{2} \cdot 8_{2} \\ 8_{1} - 71_{1} 4_{2} \cdot 8_{2} \\ 8_{1}$	63	54.422 31.738	54.283 31.975	54.143 32.211	54.002 22.117	63
$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	64	55.280 32.242	55.144 32.482	55.002 32.723	54.859 32.962	64
$\begin{array}{c} 0.757.87713.753 & 57.729134.005 & 57.78034.257 & 57.430 & 34.608 \\ 68 & 58.741 & 34.257 & 58.591 & 34.513 & 58.440 & 34.768 & 58.287 & 35.023 \\ 69 & 59.605 & 53.4.760 & 59.452 & 55.020 & 59.993 & 5.791 & 59.146 & 35.538 \\ 60.314 & 35.528 & 60.158 & 35.791 & 60.023 & 65.681 \\ 72 & 60.469 & 35.264 & 60.314 & 35.528 & 60.158 & 35.791 & 60.023 & 56.681 \\ 72 & 62.196 & 50.726 & 62.899 & 37.050 & 62.737 & 37.224 & 62.573 & 37.698 \\ 74 & 63.924 & 37.879 & 63.761 & 37.558 & 63.596 & 37.830 & 63.430 & 38.113 \\ 75 & 64.788 & 37.783 & 64.622 & 38.065 & 64.455 & 38.347 & 64.288 & 38.628 \\ 76 & 65.652 & 38.287 & 65.484 & 38.573 & 65.313 & 38.858 & 65.145 & 39.143 \\ 77 & 65.515 & 38.791 & 66.345 & 39.080 & 66.174 & 39.370 & 66.002 & 39.658 \\ 78 & 67.379 & 39.294 & 67.207 & 39.58 & 67.034 & 39.881 & 66.859 & 40.173 \\ 79 & 68.243 & 39.798 & 68.669 & 40.096 & 67.893 & 40.392 & 67.716 & 40.688 \\ 78 & 69.171 & 40.302 & 68.930 & 40.663 & 68.752 & 40.903 & 68.573 & 41.203 \\ 81 & 69.971 & 40.806 & 69.792 & 41.411 & 69.612 & 41.415 & 69.431 & 41.718 \\ 82 & 70.835 & 41.309 & 70.654 & 41.618 & 70.471 & 41.926 & 70.288 & 42.233 \\ 83 & 71.698 & 41.813 & 71.515 & 42.126 & 71.331 & 42.437 & 71.745 & 42.748 \\ 84 & 72.562 & 42.317 & 72.377 & 42.633 & 72.169 & 43.460 & 72.859 & 43.778 \\ 85 & 75.154 & 43.828 & 74.962 & 44.156 & 74.768 & 44.482 \\ 74.564 & 42.821 & 73.238 & 43.141 & 73.460 & 72.859 & 43.778 \\ 88 & 76.018 & 14.332 & 75.823 & 44.663 & 75.344.994 & 75.431 & 45.323 \\ 89 & 76.881 & 44.836 & 75.685 & 45.171 & 76.487 & 45.076 & 74.154 & 42.688 \\ 89 & 76.081 & 14.337 & 75.823 & 44.663 & 75.347 & 45.067 & 72.859 & 43.783 \\ 99 & 77.745 & 45.340 & 77.547 & 45.078 & 77.347 & 46.016 & 77.145 & 44.868 \\ 80 & 76.081 & 14.337 & 75.823 & 44.663 & 75.347 & 45.067 & 72.859 & 43.783 \\ 99 & 77.745 & 45.340 & 77.547 & 45.678 & 77.347 & 45.076 & 77.145 & 44.868 \\ 80 & 76.881 & 44.836 & 76.685 & 45.171 & 76.487 & 45.505 & 76.288 & 45.888 \\ 99 & 77.745 & 45.840 & 77.547 & 45.678 & 77.347 & 45.067 & 77.147 & 899 \\ 99 & 77.745 & 45.840 & 77.547 & 4$	05	50.149 32.745	50.006 32.990	55.861 33.234	55.716 33.477	65
$\begin{array}{c} 0.757.87713.753 & 57.729134.005 & 57.78034.257 & 57.430 & 34.608 \\ 68 & 58.741 & 34.257 & 58.591 & 34.513 & 58.440 & 34.768 & 58.287 & 35.023 \\ 69 & 59.605 & 53.4.760 & 59.452 & 55.020 & 59.993 & 5.791 & 59.146 & 35.538 \\ 60.314 & 35.528 & 60.158 & 35.791 & 60.023 & 65.681 \\ 72 & 60.469 & 35.264 & 60.314 & 35.528 & 60.158 & 35.791 & 60.023 & 56.681 \\ 72 & 62.196 & 50.726 & 62.899 & 37.050 & 62.737 & 37.224 & 62.573 & 37.698 \\ 74 & 63.924 & 37.879 & 63.761 & 37.558 & 63.596 & 37.830 & 63.430 & 38.113 \\ 75 & 64.788 & 37.783 & 64.622 & 38.065 & 64.455 & 38.347 & 64.288 & 38.628 \\ 76 & 65.652 & 38.287 & 65.484 & 38.573 & 65.313 & 38.858 & 65.145 & 39.143 \\ 77 & 65.515 & 38.791 & 66.345 & 39.080 & 66.174 & 39.370 & 66.002 & 39.658 \\ 78 & 67.379 & 39.294 & 67.207 & 39.58 & 67.034 & 39.881 & 66.859 & 40.173 \\ 79 & 68.243 & 39.798 & 68.669 & 40.096 & 67.893 & 40.392 & 67.716 & 40.688 \\ 78 & 69.171 & 40.302 & 68.930 & 40.663 & 68.752 & 40.903 & 68.573 & 41.203 \\ 81 & 69.971 & 40.806 & 69.792 & 41.411 & 69.612 & 41.415 & 69.431 & 41.718 \\ 82 & 70.835 & 41.309 & 70.654 & 41.618 & 70.471 & 41.926 & 70.288 & 42.233 \\ 83 & 71.698 & 41.813 & 71.515 & 42.126 & 71.331 & 42.437 & 71.745 & 42.748 \\ 84 & 72.562 & 42.317 & 72.377 & 42.633 & 72.169 & 43.460 & 72.859 & 43.778 \\ 85 & 75.154 & 43.828 & 74.962 & 44.156 & 74.768 & 44.482 \\ 74.564 & 42.821 & 73.238 & 43.141 & 73.460 & 72.859 & 43.778 \\ 88 & 76.018 & 14.332 & 75.823 & 44.663 & 75.344.994 & 75.431 & 45.323 \\ 89 & 76.881 & 44.836 & 75.685 & 45.171 & 76.487 & 45.076 & 74.154 & 42.688 \\ 89 & 76.081 & 14.337 & 75.823 & 44.663 & 75.347 & 45.067 & 72.859 & 43.783 \\ 99 & 77.745 & 45.340 & 77.547 & 45.078 & 77.347 & 46.016 & 77.145 & 44.868 \\ 80 & 76.081 & 14.337 & 75.823 & 44.663 & 75.347 & 45.067 & 72.859 & 43.783 \\ 99 & 77.745 & 45.340 & 77.547 & 45.678 & 77.347 & 45.076 & 77.145 & 44.868 \\ 80 & 76.881 & 44.836 & 76.685 & 45.171 & 76.487 & 45.505 & 76.288 & 45.888 \\ 99 & 77.745 & 45.840 & 77.547 & 45.678 & 77.347 & 45.067 & 77.147 & 899 \\ 99 & 77.745 & 45.840 & 77.547 & 4$	66	57.013 33.249	56.868 33.498	56.721 33:745	56.573 33.993	66
	67	57.877 33.753	57.729 34.005	57.58034.257	57.430 34.508	67
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	60	50.74134.257	50.591 34.513	50.44034.708	58.287 35.023	68
71 61.332 35.768 61.176 36.035 61.018 36.020 60.859 36.568 72 62.196 36.272 62.397 36.543 61.877 36.813 61.716 37.083 73 63.060 36.776 62.899 37.050 62.737 37.224 62.573 37.698 74 63.924 37.793 64.622 37.558 63.596 37.836 63.430 38.113 75 64.788 37.783 64.622 38.056 64.455 38.477 64.288 38.628 76 65.652 38.287 65.484 38.773 65.315 38.858 65.145 39.143 76 65.163 37.9176 66.345 39.080 66.174 39.370 66.002 39.658 78 67.379 39.9294 67.207 39.58 67.0743 39.716 40.688 78.67746 40.688 86 69.792 41.411 69.612 41.415 69.4724 41.203 $88.7341.203$ $87.7464.2837$ 87 69.9714 40.866 $69.792441.411$ $69.612441.415$ $70.28842.233$ $88.7342.642.331$ $71.515442.163$ $72.052442.603$ $71.74542.748$ $88.57342.0903$ 83 $71.69841.813$ $71.515442.1637$ $72.37742.633$ $72.05943.4607$ $72.85943.4726$ $88.57344.2036$ 85 $71.698474.837$ $75.82344.663$ $72.65943.4607$ $72.85943.77844.838$ $8975.344.60766$ $77.33746.63776$ $72.85943.77856$ <	70	60.460 35.264	60.31435.528	60.168 26 701	59.145 35.538	69
$\begin{array}{c} 72 \ 62.19 \ 63.6.272 \ 62.037 \ 36.543 \ 61.877 \ 36.813 \ 61.71 \ 63.7.083 \ 73.64.613 \ 62.829 \ 37.050 \ 62.737 \ 37.544 \ 63.573 \ 37.598 \ 63.500 \ 36.776 \ 62.899 \ 37.050 \ 62.737 \ 37.344 \ 62.573 \ 37.598 \ 63.596 \ 37.836 \ 63.430 \ 38.113 \ 75 \ 64.788 \ 37.783 \ 64.622 \ 38.065 \ 64.455 \ 38.347 \ 64.288 \ 38.628 \ 75 \ 65.453 \ 37.783 \ 64.622 \ 38.055 \ 64.455 \ 38.347 \ 64.288 \ 38.628 \ 76 \ 65.453 \ 38.778 \ 56.454 \ 38.573 \ 65.315 \ 38.858 \ 65.445 \ 39.783 \ 65.454 \ 39.080 \ 66.174 \ 39.370 \ 65.652 \ 38.282 \ 75 \ 65.454 \ 39.080 \ 66.174 \ 39.370 \ 65.652 \ 38.579 \ 66.223 \ 39.080 \ 66.174 \ 39.370 \ 66.553 \ 39.080 \ 66.774 \ 39.370 \ 66.859 \ 40.173 \ 77 \ 66.515 \ 38.791 \ 67.207 \ 39.58 \ 67.038 \ 39.381 \ 66.6859 \ 40.173 \ 77 \ 79 \ 68.243 \ 39.798 \ 68.669 \ 40.066 \ 68.798 \ 40.392 \ 67.716 \ 40.688 \ 76 \ 69.792 \ 41.11 \ 69.612 \ 41.475 \ 69.431 \ 41.718 \ 82 \ 70.835 \ 41.203 \ 88 \ 70.684 \ 41.813 \ 71.515 \ 42.166 \ 71.476 \ 41.4237 \ 71.145 \ 42.748 \ 83 \ 71.696 \ 41.618 \ 70.471 \ 41.926 \ 70.288 \ 41.238 \ 83 \ 71.698 \ 41.813 \ 71.515 \ 42.166 \ 71.4768 \ 41.482 \ 72.028 \ 43.278 \ 88 \ 72.0284 \ 42.821 \ 73.238 \ 43.141 \ 73.056 \ 43.460 \ 72.859 \ 43.776 \ 44.283 \ 88 \ 72.024 \ 42.821 \ 73.238 \ 43.141 \ 73.056 \ 43.460 \ 72.859 \ 43.776 \ 88 \ 88 \ 76.018 \ 44.833 \ 75.628 \ 43.465 \ 75.628 \ 44.997 \ 73.716 \ 44.283 \ 88 \ 75.444.808 \ 88 \ 76.018 \ 44.833 \ 75.628 \ 44.658 \ 75.628 \ 44.994 \ 75.431 \ 44.232 \ 88 \ 88 \ 76.018 \ 44.833 \ 75.628 \ 44.658 \ 75.628 \ 44.827 \ 75.431 \ 44.533 \ 99 \ 99 \ 77.745 \ 45.428 \ 83 \ 75.628 \ 44.833 \ 75.628 \ 44.833 \ 75.628 \ 44.833 \ 75.628 \ 44.838 \ 89 \ 99 \ 77.745 \ 45.448.66 \ 85.678 \ 77.578 \ 77.578 \ 77.577 \ 75.75$	7.	61 220 25 268			60.002 30.053	70
$\begin{array}{c} 73 \ 63.0 \ 603 \ 6.776 \ 62.89 \ 93.7.0 \ 602.737 \ 37.3 \ 244 \ 62.573 \ 37.598 \ 63.924 \ 37.279 \ 65.761 \ 37.558 \ 63.596 \ 37.836 \ 63.430 \ 38.113 \ 756 \ 64.788 \ 37.783 \ 64.622 \ 38.0 \ 55.596 \ 37.836 \ 65.432 \ 65.483 \ 38.628 \ 756 \ 65.558 \ 37.836 \ 65.4573 \ 57.836 \ 65.437 \ 58.573 \ 64.622 \ 38.0 \ 57.356 \ 65.5573 \ 55.858 \ 55.145 \ 39.143 \ 776 \ 65.558 \ 38.287 \ 65.484 \ 38.573 \ 65.1573 \ 57.342 \ 59.573 \ 41.203 \ 56.771 \ 64.088 \ 75.771 \ 75.$	72	62.196 36.272	62.027 36. 642	61.877 96 812	61 216 27 080	71
$\begin{array}{c} 74 \ 63.924 37.879 63.761 37.558 \\ (53.596 37.830 \\ (54.788 37.783 \\ (54.788 37.783 \\ (54.288 37.783 \\ (54.288 37.783 \\ (54.288 37.783 \\ (54.288 37.783 \\ (54.288 37.783 \\ (54.288 37.783 \\ (54.288 37.783 \\ (54.288 37.783 \\ (54.288 37.783 \\ (54.288 37.783 \\ (54.288 37.783 \\ (54.288 37.783 \\ (54.288 37.83 \\ (54.288 38.578 \\ (54.288 38.578 \\ (57.379 39.294 \\ (57.207 39.588 \\ (57.074 50.887 \\ (57.207 39.588 \\ (57.074 50.887 \\ (57.293 50.878 \\ (57.293 50.788 \\ (5$	73	63.060 36.776	02.890 37.050	02.737 37.324	62.572 27 508	72
$\begin{array}{c} 75 & 04.788 & 37.783 \\ 04.622 & 38.065 \\ 04.455 & 38.347 \\ 05.65 & 38.287 \\ 05.484 & 38.573 \\ 05.315 & 38.88 \\ 05.145 & 39.143 \\ 77 & 65.15 & 38.791 \\ 06.345 & 39.081 \\ 06.345 & 39.081 \\ 06.345 & 39.938 \\ 06.393 & 0.392 \\ 07.76 & 0.392 \\ 08.243 & 39.798 \\ 08.069 & 40.096 \\ 07.20 & 39.658 \\ 07.043 & 39.81 \\ 05.89 & 40.903 \\ 05.893 & 40.803 \\ 05.893 & 40.803 \\ 05.893 & 40.803 \\ 05.893 & 40.803 \\ 05.893 & 40.803 \\ 05.893 & 40.803 \\ 05.893 & 40.803 \\ 05.893 & 40.803 \\ 05.893 & 40.803 \\ 05.893 & 40.803 \\ 05.893 & 40.803 \\ 05.893 & 40.803 \\ 05.893 & 40.803 \\ 05.893 & 40.803 \\ 05.893 & 40.803 \\ 05.893 & 40.803 \\ 05.883 & 76.018 & 41.332 \\ 75.823 & 44.603 \\ 75.823 & 44.603 \\ 75.823 & 44.603 \\ 75.454 & 43.828 \\ 74.902 & 43.325 \\ 74.100 & 43.648 \\ 73.909 & 43.971 \\ 73.716 & 44.203 \\ 888 & 76.018 & 41.332 \\ 75.823 & 44.603 \\ 75.628 & 44.994 \\ 75.431 & 45.238 \\ 89 & 77.745 & 45.438 \\ 87.75.47 & 45.678 \\ 77.347 & 46.016 \\ 77.145 & 45.383 \\ 99 & 77.745 & 45.438 \\ 79.270 & 46.693 \\ 79.905 & 47.099 \\ 78.809 & 47.839 \\ 91 & 78.609 & 45.843 \\ 79.925 & 47.507 \\ 79.717 & 47.899 \\ 94 & 81.201 & 47.355 \\ 80.993 & 47.799 \\ 80.484 & 80.61 \\ 80.674 & 48.418 \\ 99 \\ 96 & 82.928 & 48.362 \\ 82.716 & 48.724 \\ 82.903 & 49.684 \\ 82.288 & 49.444 \\ 97 \\ 83.792 & 48.866 \\ 83.578 & 49.231 \\ 83.362 & 49.598 \\ 83.145 & 49.959 \\ 93 & 84.456 \\ 49.377 & 84.4049 \\ 73 & 84.225 \\ 50.107 & 84.400 \\ 97 & 85.707 \\ 54.485 & 49.231 \\ 83.362 & 49.598 \\ 83.145 & 49.959 \\ 98 & 84.656 & 49.377 \\ 85.415 & 10.925 \\ 47.508 & 48.855 \\ 49.231 & 85.941 \\ 51.41 & 49.599 \\ 98 & 84.656 & 49.377 \\ 85.415 & 10.956 \\ 84.860 & $	74	03.924 37.279	63.761 37.558	03.590 37.836	03.430 38.112	73 74
$\begin{array}{c} 76 \ 65 \ 65 \ 22 \ 38 \ 237 \ 65 \ 48 \ 43 \ 85 \ 73 \ 65 \ 315 \ 38 \ 858 \ 65 \ 145 \ 39 \ 143 \ 77 \ 66 \ 515 \ 38 \ 791 \ 66 \ 345 \ 39 \ 90 \ 78 \ 67 \ 379 \ 93 \ 294 \ 67 \ 207 \ 39 \ 588 \ 67 \ 393 \ 93 \ 66 \ 578 \ 93 \ 93 \ 86 \ 578 \ 93 \ 93 \ 86 \ 578 \ 93 \ 93 \ 86 \ 74 \ 93 \ 93 \ 86 \ 74 \ 93 \ 93 \ 86 \ 74 \ 93 \ 93 \ 86 \ 74 \ 93 \ 93 \ 86 \ 74 \ 93 \ 93 \ 86 \ 74 \ 93 \ 93 \ 86 \ 74 \ 93 \ 93 \ 86 \ 74 \ 93 \ 93 \ 75 \ 75 \ 75 \ 75 \ 75 \ 75 \ 75 \ 7$	75	64.788 37.783	64.622 38.065	64.455 38.347	64.288 38.628	75
$\begin{array}{c} 77 \ (66, 515) \ (38, 791) \ (66, 345) \ (39, 080) \ (66, 174, 39, 397) \ (66, 002, 39, 658) \ (78, 67, 379) \ (39, 294) \ (67, 207) \ (39, 588) \ (67, 379) \ (39, 294) \ (57, 207) \ (39, 588) \ (57, 393) \ (39, 392) \ (57, 716) \ (40, 688) \ (58, 993) \ (40, 603) \ (58, 758) \ (40, 903) \ (58, 757) \ (41, 203) \ (58, 757) \ (41, 203) \ (58, 757) \ (41, 203) \ (58, 757) \ (41, 203) \ (58, 757) \ (41, 203) \ (58, 757) \ (41, 203) \ (58, 757) \ (41, 203) \ (58, 757) \ (41, 203) \ (58, 757) \ (41, 203) \ (58, 757) \ (41, 203) \ (58, 77) \ (41, 203) \ (58, 77) \ (41, 203) \ (58, 77) \ (41, 203) \ (58, 77) \ (41, 203) \ (58, 77) \ (41, 203) \ (58, 77) \ (41, 203) \ (58, 77) \ (41, 203) \ (58, 77) \ (41, 203) \ (58, 77) \ (41, 203) \ (58, 77) \ (41, 203) \ (58, 77) \ (41, 203) \ (58, 77) \ (41, 203) \ (58, 77) \ (41, 203) \ (41, 203) \ (41, 203) \ (41, 203) \ (41, 203) \ (41, 203) \ (41, 203) \ (41, 203) \ (41, 203) \ (41, 203) \ (41, 203) \ (41, 203) \ (41, 203) \ (41, 203) \ (41, 203) \ (41, 203) \ (41, 41, 203) \ (41, 41, 32) \ (57, 41, 41, 56) \ (77, 45, 41, 42, 32) \ (41, 41, 32) \ (57, 57, 57, 57, 57, 57, 57, 57, 57, 57, $	76	65.652 38.287	65.484 38.573	65.315 38.808	65.145 30.149	76
$\begin{array}{c} 78 \ 67.379 \ 39.394 \ 67.207 \ 39.588 \ 67.034 \ 39.881 \ 66.859 \ 40.173 \ 79 \ 68.243 \ 39.798 \ 68.069 \ 40.096 \ 67.893 \ 40.392 \ 67.716 \ 40.688 \ 78 \ 69.971 \ 40.302 \ 68.959 \ 40.603 \ 68.758 \ 40.903 \ 68.758 \ 40.903 \ 68.758 \ 40.903 \ 68.758 \ 40.903 \ 68.758 \ 41.203 \ 88 \ 70.685 \ 41.203 \ 88 \ 70.685 \ 41.309 \ 70.654 \ 41.618 \ 70.471 \ 41.926 \ 70.288 \ 41.238 \ 82 \ 70.835 \ 41.309 \ 70.654 \ 41.618 \ 70.471 \ 41.926 \ 70.288 \ 42.231 \ 82 \ 72.562 \ 42.317 \ 72.377 \ 42.633 \ 72.459 \ 43.2437 \ 71.145 \ 42.748 \ 88 \ 72.562 \ 42.821 \ 73.238 \ 43.141 \ 73.056 \ 43.460 \ 72.859 \ 43.778 \ 88 \ 72.562 \ 42.821 \ 73.238 \ 43.141 \ 73.056 \ 43.460 \ 72.859 \ 43.778 \ 88 \ 75.154 \ 43.828 \ 74.962 \ 44.156 \ 74.768 \ 44.482 \ 72.562 \ 44.263 \ 88 \ 75.154 \ 43.828 \ 74.962 \ 44.156 \ 74.768 \ 44.482 \ 74.574 \ 44.808 \ 88 \ 76.018 \ 44.832 \ 75.823 \ 44.653 \ 75.562 \ 44.994 \ 75.431 \ 44.532 \ 88 \ 76.618 \ 44.837 \ 75.578 \ 75.444.808 \ 88 \ 76.618 \ 44.837 \ 75.431 \ 45.323 \ 88 \ 88 \ 76.618 \ 44.837 \ 75.431 \ 45.323 \ 89 \ 96.831 \ 44.836 \ 76.685 \ 45.171 \ 76.487 \ 45.505 \ 76.288 \ 44.988 \ 99 \ 97 \ 77.447 \ 45.542 \ 75.431 \ 45.323 \ 89 \ 96.831 \ 44.836 \ 76.685 \ 45.171 \ 76.487 \ 45.505 \ 76.288 \ 44.988 \ 99 \ 97 \ 77.447 \ 45.568 \ 77.547 \ 45.567 \ 76.288 \ 44.994 \ 75.431 \ 45.323 \ 89 \ 99 \ 77.447 \ 45.567 \ 77.547 \ 45.567 \ 76.288 \ 44.994 \ 75.431 \ 44.838 \ 99 \ 97 \ 85.374 \ 45.567 \ 76.288 \ 44.806 \ 85.573 \ 45.557 \ 76.288 \ 44.994 \ 75.431 \ 44.836 \ 99 \ 99 \ 85.947.335 \ 85.857 \ 45.267 \ 45.344 \ 45.557 \ 76.288 \ 44.948 \ 99 \ 99 \ 85.947.335 \ 85.857 \ 45.248 \ 45.667 \ 77.547 \ 45.567 \ 76.288 \ 44.994 \ 75.431 \ 44.829 \ 99 \ 98 \ 85.947.335 \ 99 \ 98 \ 85.4561 \ 85.573 \ 45.957 \ 45.857 \ 45.957 \ 45.857 \ 45.957 \ 45.857 \ 45.957 \ 45.857 \ 45.957 \ 45.857$	77	66.51538.701	66.34: 39.080	60.174 20 270	66 002 20 6-8	77
$ \begin{array}{c} \textbf{30} \textbf{40}, \textbf{107} \textbf{40}, \textbf{302} \ \textbf{80}, \textbf{930} \textbf{40}, \textbf{603} \ \textbf{68}, \textbf{752} \textbf{40}, \textbf{903} \ \textbf{68}, \textbf{573} \textbf{41}, \textbf{203} \ \textbf{8} \\ \textbf{81} \ \textbf{69}, \textbf{971} \ \textbf{40}, \textbf{806} \ \textbf{69}, \textbf{792} \textbf{41}, \textbf{411} \ \textbf{69}, \textbf{611} \ \textbf{41}, \textbf{417} \ \textbf{5} \ \textbf{69}, \textbf{431} \ \textbf{41}, \textbf{417} \ \textbf{8} \\ \textbf{82} \ \textbf{70}, \textbf{83}, \textbf{84}, \textbf{1309} \ \textbf{70}, \textbf{654} \textbf{41}, \textbf{618} \ \textbf{70}, \textbf{471} \ \textbf{41}, \textbf{926} \ \textbf{70}, \textbf{288} \ \textbf{42}, \textbf{233} \ \textbf{8} \\ \textbf{83} \ \textbf{71}, \textbf{69}, \textbf{84} 1, \textbf{813} \ \textbf{71}, \textbf{515} \ \textbf{42}, \textbf{126} \ \textbf{71}, \textbf{31} \ \textbf{42}, \textbf{437} \ \textbf{71}, \textbf{145} \ \textbf{42}, \textbf{42} \ \textbf{8} \\ \textbf{84} \ \textbf{72}, \textbf{562} \ \textbf{42}, \textbf{313} \ \textbf{71}, \textbf{71}, \textbf{515} \ \textbf{42}, \textbf{426} \ \textbf{71}, \textbf{31} \ \textbf{42}, \textbf{437} \ \textbf{71}, \textbf{145} \ \textbf{42}, \textbf{42} \ \textbf{8} \\ \textbf{85} \ \textbf{71}, \textbf{562} \ \textbf{41}, \textbf{813} \ \textbf{71}, \textbf{71}, \textbf{23} \ \textbf{8} \ \textbf{43}, \textbf{141} \ \textbf{73}, \textbf{950} \ \textbf{43}, \textbf{460} \ \textbf{72}, \textbf{859} \ \textbf{43}, \textbf{478} \ \textbf{8} \\ \textbf{86} \ \textbf{74}, \textbf{290} \ \textbf{43}, \textbf{325} \ \textbf{74}, \textbf{100} \ \textbf{43}, \textbf{648} \ \textbf{73}, \textbf{909} \ \textbf{43}, \textbf{971} \ \textbf{73}, \textbf{716} \ \textbf{44}, \textbf{4293} \ \textbf{8} \\ \textbf{87} \ \textbf{70}, \textbf{51} \ \textbf{41}, \textbf{332} \ \textbf{75}, \textbf{52} \ \textbf{44}, \textbf{463} \ \textbf{75}, \textbf{505} \ \textbf{76}, \textbf{528} \ \textbf{45}, \textbf{538} \ \textbf{8} \\ \textbf{97} \ \textbf{60} \ \textbf{81} \ \textbf{44}, \textbf{832} \ \textbf{76}, \textbf{68} \ \textbf{44}, \textbf{499} \ \textbf{47} \ \textbf{75}, \textbf{43} \ \textbf{14} \ \textbf{532} \ \textbf{8} \\ \textbf{97} \ \textbf{75}, \textbf{43} \ \textbf{44}, \textbf{536} \ \textbf{61} \ \textbf{66} \ \textbf{75}, \textbf{505} \ \textbf{76}, \textbf{528} \ \textbf{45}, \textbf{538} \ \textbf{8} \\ \textbf{97} \ \textbf{77}, \textbf{745} \ \textbf{45}, \textbf{538} \ \textbf{77}, \textbf{74} \ \textbf{45}, \textbf{65} \ \textbf{77}, \textbf{74} \ \textbf{7} \ \textbf{66} \ \textbf{65} \ \textbf{77}, \textbf{74} \ \textbf{7} \ \textbf{66} \ \textbf{65} \ \textbf{77}, \textbf{74} \ \textbf{7} \ \textbf{66} \ \textbf{65} \ \textbf{77}, \textbf{74} \ \textbf{7} \ \textbf{66} \ \textbf{66} \ \textbf{528} \ \textbf{7} \ 7$	78	67.37939.294	67.207 39.588	67.034 39.881	66.859 40.173	78
	79	60 107 40 202	68 020 40.090	07.893 40.392	07.716 40.688	79
$\begin{array}{c} 8& 70.8_{35} + 1.3_{09} & 70.6_{5} + 41.6_{18} & 70.471 + 1.9_{26} & 70.28_{42} + 1.4_{25} & 8.8_{3} \\ 8& 71.6_{98} + 1.8_{13} & 71.5_{15} + 42.126 & 71.3_{31} + 2.4_{37} & 71.1_{45} + 2.7_{48} & 8.8_{3} \\ 71.6_{98} + 1.8_{13} & 71.5_{15} + 42.126 & 71.3_{31} + 2.4_{37} & 71.1_{45} + 2.7_{48} & 8.8_{5} \\ 73.426 + 2.8_{21} & 73.238 + 3.141 & 73.956 + 3.460 & 72.8_{59} + 43.778 & 8.8_{5} \\ 8& 74.2_{90} + 43.8_{25} & 74.100 + 3.648 & 73.909 + 3.971 & 73.716 + 4.293 & 8.8_{7} \\ 75.54 + 43.8_{28} & 74.962 + 4.56 & 74.768 & 44.482 & 74.574 + 44.808 & 88 \\ 76.018 + 1.3_{32} & 75.8_{23} + 4.663 & 75.648 + 4.994 & 75.431 + 45.323 & 8.8_{7} \\ 70.7745 + 45.340 & 75.678 & 77.347 + 45.016 & 77.145 + 46.333 & 9.971 \\ 90 & 77.745 + 45.340 & 77.547 + 45.678 & 77.347 + 45.016 & 77.145 + 46.333 & 9.\\ 90 & 77.745 + 45.340 & 77.547 + 45.678 & 77.347 + 45.016 & 77.145 + 46.353 & 9.\\ 91 & 78.609 + 45.843 & 78.408 + 46.186 & 78.206 + 46.528 & 78.002 + 46.868 & 9.\\ 92 & 79.473 + 45.340 & 77.547 + 45.678 & 77.347 + 45.016 & 77.174 + 7.899 & 9.\\ 93 & 80.337 + 46.851 & 80.131 + 47.201 & 79.925 + 7.550 & 79.717 + 7.899 & 9.\\ 94 & 81.201 + 7.353 & 80.93 + 7.709 & 80.784 + 48.611 & 80.674 + 8.414 & 9.\\ 97 & 83.792 + 48.866 & 83.578 + 9.231 & 83.362 + 9.595 & 83.145 + 9.959 & 9.\\ 98 & 84.656 + 9.370 & 84.440 + 9.739 & 84.222 & 50.107 & 84.002 & 50.474 & 9.\\ 99 & 83.656 + 9.377 & 85.165 + 50.7674 & 85.081 & 50.618 & 84.860 & 50.98 & 9.\\ 90 & 85.204 + 9.78 & 85.315 & 80.485 & 85.415 & 81.661 & 84.860 & 50.98 & 9.\\ 90 & 84.656 + 9.370 & 84.440 + 9.739 & 84.222 & 50.107 & 84.002 & 50.474 & 9.\\ 91 & 85.604 + 9.777 & 85.165 + 50.754 & 85.081 & 50.618 & 84.860 & 50.98 & 9.\\ 92 & 84.656 + 9.377 & 85.165 + 50.754 & 85.941 & 51.129 & 85.717 & 51.504 & 10.\\ 93 & 85.504 & 85.574 & 85.941 & 51.129 & 85.717 & 51.504 & 10.\\ 94 & 85.971 & 51.504 & 10.\\ 95 & 85.684 & 50.377 & 85.165 + 50.754 & 85.941 & 51.129 & 85.717 & 51.504 & 10.\\ 95 & 85.854 & 95.774 & 85.941 & 51.129 & 85.717 & 51.504 & 10.\\ 95 & 85.854 & 85.744 & 85.941 & 51.129 & 85.717 & 51.50$	1.000					80
$ \begin{array}{c} 8_3 & 71.698 & 41.813 \\ 71.515 & 42.126 \\ 71.331 & 42.437 \\ 72.562 & 42.317 \\ 72.377 & 42.633 \\ 72.426 & 42.821 \\ 73.238 & 43.141 \\ 73.956 & 42.943 \\ 73.238 & 43.141 \\ 73.956 & 43.460 \\ 72.859 & 43.768 \\ 887 & 75.154 & 43.828 \\ 74.962 & 44.156 \\ 74.768 & 44.482 \\ 74.574 & 44.860 \\ 888 & 76.018 & 44.322 \\ 75.823 & 44.663 \\ 75.628 & 44.994 \\ 75.431 & 45.328 \\ 76.81 & 44.836 \\ 76.685 & 45.171 \\ 76.487 & 45.578 \\ 76.288 & 44.948 \\ 76.685 & 45.171 \\ 76.487 & 45.578 \\ 76.288 & 44.948 \\ 76.685 & 45.171 \\ 77.45 & 45.340 \\ 77.547 & 45.788 \\ 77.547 & 45.340 \\ 77.547 & 45.788 \\ 77.547 & 45.340 \\ 77.547 & 45.788 \\ 77.457 & 45.340 \\ 77.547 & 45.788 \\ 77.347 & 46.016 \\ 77.145 & 46.388 \\ 99 & 79.473 & 46.347 \\ 79.270 & 46.693 \\ 79.065 & 47.597 \\ 79.717 & 47.899 \\ 93 & 80.337 & 46.851 \\ 80.131 & 47.201 \\ 79.925 & 47.550 \\ 79.717 & 47.899 \\ 94 & 81.201 & 47.353 \\ 80.93 & 47.799 \\ 80.784 & 48.611 \\ 80.574 & 48.414 \\ 97 \\ 83.792 & 48.866 \\ 83.578 & 49.231 \\ 83.362 & 49.598 \\ 83.465 & 49.979 \\ 98 & 84.656 & 49.378 \\ 84.460 & 49 & 739 \\ 84.422 & 50.107 \\ 84.402 & 50.474 \\ 99 \\ 85.206 & 49.77 \\ 85.301 & 50.274 \\ 85.081 & 50.618 \\ 84.860 & 50.989 \\ 99 \end{array}$			09.792 41.111	09.012 41.415	09.431 41.718	81
$ \begin{array}{c} 84 & 72.562 42.817 \\ 72.377 42.63 \\ 85 & 73.426 \\ 42.821 \\ 73.238 43.141 \\ 73.050 43.460 \\ 72.859 43.716 \\ 72.859 43.716 \\ 72.859 43.716 \\ 74.90$	82	71.60841.812	71.51642.126	71 221 42 422	70.288 42.233	82
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	84	72.562 42.317	72.377 42.633	72.100 42.040	72.002 42.262	83
$\begin{array}{cccccccccccccccccccccccccccccccccccc$		73.426 42.821	73.238 43.141	73.050 43.460	72.859 43.778	84 85
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	86	74.290 43.325	74.100 43.648	73.000 43.071	73.71644.202	86
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	87	75.154 43.828	74.962 44.156	74.768 44.482	74.574 44.808	87
$\begin{array}{c} 697, 70.881 (44.830 70.985 45.171 70.487 45.505 76.288 45.383 8 \\ 90 77.745 45.340 77.547 45.678 77.347 46.016 77.145 46.353 9 \\ 91 78.609 45.843 78.408 46.186 78.206 46.528 78.202 46.868 9 \\ 92 79.473 45.347 79.270 46.693 79.965 47.039 78.859 47.383 9 \\ 93 80.337 46.851 80.131 47.201 79.925 47.550 79.717 47.899 \\ 95 82.064 47.855 80.855 48.216 81.644 48.573 81.431 48.929 9 \\ 96 82.928 48.866 83.578 49.281 83.362 49.084 82.288 49.454 9 \\ 93 85.664 9.370 84.440 49 739 84.222 50.107 84.002 50.474 99 \\ 98 55.64 50.377 85.165 50.254 55.1129 55.1129 55.717 51.504 70.717 $	88	76.018 44.332	75.823 44.663	75.628 44.004	75.421 45.222	88
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	89	70.881 44.836	70.085 45.171	70.487 45.505	76.288 45.828	89
$\begin{array}{c} 92 (79.473 (40.347) (79.270 (40.693) (79.665 (47.039) (78.859) (47.383) (9) (9) (9) (9) (9) (9) (9) (9) (9) (9$	90	77.745 45.340	77.547 45.078	77.347 40.016	77-145 40.353	90
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	91	78.009 45.843	78.408 40.186	78.206 46.528	78.002 46.868	91
9481.20147.355 80.993 47.799 80.784 48.061 80.574 48.414 9 9582.064 47.859 81.855 48.216 81.644 48.573 81.431 48.929 9 9682.928 48.362 82.716 48.724 82.503 49.084 82.288 49.444 9 9783.792 48.866 83.578 49.231 83.362 49.595 83.145 49.959 9 9884.656 49.370 84.440 49 739 84.22 50.107 84.002 50.474 95 9985.520 19.874 85.301 50.246 85.081 50.618 84.860 50.989 95 086.384 50.377 86.160 50.754 85.041 51.120 85.717 51.504 100 E. W.N. S. E. W.N. S. E. W.N. S. E. W.N. S	92	79.473 40.347	9.27040.093	9.005 47.039		92
$\begin{array}{c} 95 & 02.004 (47, 559) \\ 61.855 & 40.216 \\ 82.928 & 48.362 \\ 82.928 & 48.362 \\ 83.792 & 48.866 \\ 83.578 & 49.231 \\ 83.362 & 49.595 \\ 83.456 & 49.370 \\ 84.440 & 49 \\ 739 \\ 84.22 \\ 50.107 \\ 84.950 \\ 120 \\ 84.860 \\ 50.81 \\ 50.8$	93	81.201 47.255	80.003 47.700	9.923 47.550	80 574118 47.899	93
96 82.928 48.362 82.716 48.724 82.503 49.084 82.288 49.444 9 97 83.792 48.866 83.578 49.231 83.362 49.595 83.145 49.959 9 98 84.656 49.370 84.440 49 739 84.222 50.107 84.002 50.474 92 99 85.520 49.874 85.301 50.618 84.860 50.989 92 100 86.384 50.377 86.163 50.754 85.941 51.129 85.717 51.504 10 E. W.N. S. E. W.N. S. E. W.N. S. E. W.N. S	95	82.064 47.859 8	81.855 48.216	81.644 48.572		94
9783.79248.866 83.57849.231 83.36249.595 83.14549.959 9 9884.65649.370 84.44049 739 84.22250.107 84.00250.474 9 9985.52049.370 85.30150.246 85.08150.618 84.86050.989 9 10086.38450.377 86.1635.754485.94151.129 85.71751.504 10 E. W.N. S. E. W.N. S. E. W.N. S. E. W.N. S	96	82.928 48.262	82.71648.724	32.502 40.084	000	95
9884.05049.370 9985.52049.874 10086.38450.377 E. W. N. S. E. W. N. S. E. W. N. S. E. W. N. S. F. W. N. S.	97	83.792 48.866	3.578 49.231	3.362 49.505	82.145 40.050	96
9985.52019.874 85.30150.246 85.08150.618 84.860 50.989 99 10086.384 50.377 86.167 50.754 85.941 51.129 85.717 51.504 100 E. W.N. S. E. W.N. S. E. W.N. S. E. W.N. S. F. W.N. S	081	84.00040.37012	4.440 40 72012	4.222 0 107	A DODIED ATA	97 98
E. W.N. S. E. W.N. S. E. W.N. S. E. W.N. S. F. W.N. S	00	85.520 49.874	5.301 50.246	5.081150.618118	84 860 50 080	-
E. W.N. S.E. W.N. S.E. W.N. SHE WIN ST	100	00.304 50.377	0.10 50.754	5.941 51.129	5.717 51.504 1	00
Min 10 Min 10		E. W.IN. S. I	E. W.IN. S.	E. W. N. S. I	E WIN ST	-
- 45 Min. 1 15 Min. 1 0 Min.	i.	45 Min.	30 Min.	15 Min.	o Min.	1
59 Degrees.	1	A SALAR SALAR	59 Deg	grees.		

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-			31 De				1 35 D	egrees.	
DiA	15	Min.	30 M			Min.		M10.	Dift
•	N. S.	E. W.	N. S.	E. W.	N. S.	E. W.	N. 5.	E. W.	.₽
1	0.855	0.519	0.853	0.522	0.850	0.520	0.848	6.530	-
2	3.710	1.038	1.705	1.045	1.701	1.052	1.696		
3	2.505	1.556		1.507	2.551	1.579	2.544	1.590	
4	3.420	2.075		2.090	3.401	2.105	3.392		
5	4.275	2.594	4.263	2.612	4.252	2.631	4.240	2.650	
6	5.129	3.113	5.110	3.135	5.102	3.157		3.180	
7	5.984	3.631	5.968		5.952				
8		4.150		4.180	0.203	4.210			
9		4.669		4.702	7.053				
-					8.504				
11	9.404	5.707		5.747	9.354			1 5.829	
	10.259	6.225	10.232	6 202	10.204	0.315	11.02	6.359	
	11.969	7.263	11.937		11.905	7.76-	11.87	6.889	
	12.824	7.782			12.755		12.721		
-	13.679		13.642		13.606				1
	14-534		14.495		14.456	8.046	113.569	8.479	1
	15.388		15.348	9.405	15.306	9.472			
	16.243		16.200	9.927	15.306	9.998		10.068	
20	17.098	10.375	17.053	10.450	17.007	10.524	16.961	10.598	2
21	17.953	10.894	17.905	10.972	17.857	111.000	17.800	111.128	2
22	18.808	11.413	18.758	11.405	18.708	11.577	18.65	111.608	
23	19.003	11.932	19.611	12.017	19.558	12.103	19.505	12.188	2
24	20.518	12.451	20.403	12.540	20.408	12.020	20.351	12.718	2
					21.259	13.155	21.201	13.248	2
26	22.228	13.488	22.169	13.585	22.109	13.682	22.040	13.778	2
27	23.083	14.007	23.021	14.107	22.000	114.208	22 80-	805 111	2
28	23.938	14.520	23.874	14.020	23.810	14.774	122 741	14.828	3
49	21 647	13.044	4.727	15.152	24.000	15.200		15.368	2
			25.579					15.898	3
31	20.502	10.082	26.432	10.197	26.361	16.313	20.280	16.428	3
34	28 212	10.001	27.284	10.720	27.211	10.839	27.130	16.957	13
24	20.067	17.628	28.000	17.765	28.002	17.305	27.980	17.487	3
35	20.022	18.157	28.990 29.842	18.287	20.762	18.417	20.034	18.017	3
26	20 222	18 676	20 600		-9.702		29.002	10.5+7	3
30	31.629	10.10	30.695 31.548	10.222	21 463	10.944	30.530	19.077	3
38	32.487	19.712	32.400	19.850	32.212	10.006	32.276	20.137	33
39	33.342	20.232	33.253	20.377	33.164	20.522	133.074	20.667	3
40	34.196	20.751	34.106	20.900	34.014	21.049	33.922	21.107	4
41	35.051	21.270	34.958	21.432	124.864	21.575	21 77	121 725	-
42	35.900	21.788	35.811	21.945	35.715	22.101	135.618	22.257	4
43	30.701	22.307	30.054	22.407	126. 565	122.627	126 166	192 -8-	
44	37.010	22.820	37.510	22.990	37.415	23.152	127.214	122.216	4
+5	30.4/1	-3.345	30.309	23.512	38.200	23.080	38.102	23.846	4
46	39.326	23.864	39.221	24.035	39.116	21.206	20.010	24.276	1
47	40.181	24.382	40.074	24.557	130.067	24.772	120.80	121.006	4
40	41.030	24.901	10.927	25.080	40.817	25.258	10.706	125.436	4
49	41.891	25.420	41.779	24.002	111.067	25.784	41.554	25.966	4
50			42.632			20.311	42.402	26.496	5
			E. /W.	N. S.	E. W.	IN. S.	E. W	IN. 5.	H
P	45 N	In.	30 N	Ain.	15	Min.	0	Min.	1

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-		The second	31 D	egrees.			1 32 D	egrees.	
3	15	Min.	30 Min.		45 Min.		o Min.		Dift
Đ.	N. SIE. W.		N SE. W.		N. SIE. W.		N. S.IE. W.		
							-		
51	43.601	26.457		26.647	13.368		43.250		51
	44.455	26.976	++-83/	27.170	15.060	27.363	44.090	28 086	52
55	45.31C 46.165	28.014	16.042	28.215	15.010	28.416	45.707	28.616	54
55	47.020	28.533	46.800	28.737	45.065 45.915 46.769	28.942	46.642	29.146	55
	47.875	29.051			47.620	29.468	17 401	20 676	56
56	48.730	29.051	18.600	20.782	48.470	29.994	18.220	30.205	57
57	49.585	20.080	48.600	30.305	49.320	30,520	49.187	30.735	58
	50.44C	30.608	50.306	30.827	50.171	31.047	50.035	31.265	59
	51.295		51.158	31.350	51.021	31 573	50.883		60
61	52.150	31.64;			51.871	32.099	51-731	32.325	61
62	\$3.005	32.164	52.864	32.395	52.722	32.625	52.579	32.855	62
63	53.854	32.683	53.710	32.917	53.572	33.151	53.427	33.385	63
	54.714		54.569	33.440	54.423	33.678	54.275	33.915	64
65	55.569	33.720	55.422	33.962	55.273	34.204	55.123	34.445	65
66	56.424	34.239	\$6.274	34.485	56.123	34.730	55.971	34.975	66
67	57.275	34.758	\$7.127	35.007	50.974	35.256	56.819	35.505	67
68	53.134	35.277	57.980 58.832	35.530	57.024	35.783	57.667	36.035	68
	58.989	35.795	58.832	30.052	58.074	30.309	58.515	30.504	69
70		36.314		-	59.525				.70
71	60.099	36.833	10.537	37.097	60.375	37.361	00.211	37.624	71
	01.554	37.352	51.390		61.225	37.887	31.059	38.154	72
73			62.243		62.07h				73
	63.263		63.095	30.005	62.776	38.94c 39.406	h2 604	39.214	74
75		38.901	63.948		6.6.	39.400	03.004	39.744	75
-76	64.973	39.427	64.801		04.027	39.992	24.452	40.274	76
77		39.940	65.653		66.227	40.518	65 148	40.804	77
70	65.683	10.082	66.50 6 67.359	41.277	67.178	41.571	56.006	11.864	79
80	.8.393	41.502	68.211	41.800	68.028	42.097	67.844	42.394	80
81		42.021	09.064			42.623	68.602	12.924	81
			69.916			43.150	69.540	12.452	82
			70.769		70.579	43.676	70.388	43.983	83
84	71.813	43.577	71.622	43.89c	71.430	44.202	71.236	44.513	84
85	72.66>	14.096	72.474		72.280	44.728	72.084	45.043	85
86	73.522	44.614	73.327	44.935	73.130	45.254	72.932	15-573	86
87	74.377	45.133	73.327 74.180	45.45	73.981	45.781	73.780	46.103	87
88	75.232	45.0621	75.02	45.0801	74.831	46.307	74.628	46.622	88
-	76.087	40.171	75.885	40.502	75.081	40.833	75.476	47.163	89
90	75.942	45.6yc	76.738	47.025		47.359			90
	77.797	4/.208	77.59C	47.547	77.382	47.885	77.172	48.223	91
	78.652	47.727	78.443	48.070	78.232 79.083	10.412	78.026	48.753	93
	79.50;	48.246	79.290	48.592	19.083	48.938	78.808	49.283	93
94	81.24	48.765	80.148	49.115	79-933 80.783	19.404	19.717	49.012	94
95		49.283	81.001						95
96	82.072	49.802		50.160	81.634 82.484	50.517	81.413	50.072	96
97	82.926	50.321							97
	83.781 84.636	;0.840	83.559 84.411	51.205	84.185	51.569	82.029	52.462	98
	85.491	51.877	35.261	52.250	85.035	;2.621	84.805	52.992	100
-	E. W	N. S.		N. S				N. S.	-
D		M. 5.			15 Min.			Min.	P
P-	45 Min. 1 30 Min. 1 15 Min. 58 Degrees.								P.
010	100 million		1	58	Degrees		-		1

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0	15	Min.	32 De	grees.	45	Min.		grees.	E.
Dift.		E. W.		Ł. W.		E. W.		the strength	1
-								E. W.	1
1	0.846		0.843	. 0.537	0.841	0.541	0.839		
2	1.691	1.067	1.687	1.075	1.682	1.082	1.677	1.089	
3	2.537	1.601	2.530	1.612	2.523	1.623	2.516		
4	3.383	2.134	3.374	2.149	3.364	2.164	3.355	2.179	
5	4.229	2.668	4.217		4.205	2.795	4.193	2.723	_
6	5.074	3.202	5.060	3.224	5.040	3.246	5.032	3.268	
- 7	5.920	3.735	5.904	3.701	5.887	3.787	5.871	3.812	
	6.766		6-747	4.298		4.328		4.357	
. 9	7.612	4.803		4.836	1	4.869	7.548	4.902	
10	8.457	5.330	8.434	5.373	8.410	5.410	8.387	5.440	1
11	9.303	5.870		5.910	9.251	5.951	9.225	5.991	I
12			10.121		10.092		10.064	6.536	1
13			10.964		10.934		10.903	7.080	
14	11.840	7.471	11.807		11.775	7.574		7.625	
15	12.686	8.004	12.651	8.059	12.616	8.115	12.580	8.170	1
16	13.532	8.538		8.597	13.457	8.656	13.419	8.714	1
17			14.338	9.134	14.298	9.197		9.259	
	15.223		15.181				\$5.096		1
			16.024	10.209	15.980			10.348	1
20		10.672				10.819	16.773		2
21	17.760	11.206	17.711	11.283	17.662		17.612		2
22	18.606	11.740	18.555	11.821	18.503	11.901	18.451	11.982	2
23	19.452	12.273	19.398	12.350	19.344	12.442	19.289	12.527	2
24	20.297	12.807	20.241	12.4005	20.105	12.983	20.128	13.071	2
			21.085			13.524			2
26	21.989	13.874	21.928	13.970	21.867	14.065	21.805	14.161	2
27	22.835	14.408	22.772	14.507	22.708	14.000	22.644	14.705	2
28	23.080	14.941	23.015	15.044	23.549	45.147	23.483	15.250	2
29	24.520	15:475	24.458	5.502	4.390	15.000	24.321	\$5.795	2
			25.302				25.160		3
31	26.218	16.542	26.145	10.050	26.072	10.770	25.999		3
32	27.063	17.076	20.988	17.194	20.913	17.311	26.837		3
33	27.909	17.009	27.832	17.731	27-754	17.052	27.676		3
34	28.755	10.143	20.075	18 800	28.595	18 02 1	28.515	10.510	3
							29.353		3
30	30.446	19.210	30.362	19.343	30.277	19.475	30.192	19.607	3
37	31.292	19.744	31.205	19.080	31.118	20.010	31.031	20.152	3
38	32.138	20.277	32.049	20.417	22 800	21.008	31.869	20.090	3
39	22 820	21.24-	22.092	21.402	22 642	21.620	33.547	21.786	3
40	33.029	-1.345	53.730		53.044		55.04/		4
41	34.075	21.878	34.579	32.029	34.483	42.180	34.385 35.224 36.063	22.330	4
42	35.521	42.412	35.422	22 101	35.324	22 062	26 060	22.075	4
43	39.300	22 475	27.100	23.64	37.006	23.802	36.901	22.064	4
44	18.000	*3·4/9	37.002	24.178	37.847	24.244	37.740	24.500	4
_	38.058		20.433	14 5-6	28 600	24 00	28		4
46	38.903	24,546	38.790	24.710	30.008	24.005	38.579	25.053	4
47	39.749	\$5.080	39.039	25 700	39.529	25.067	10.2.6	26.142	4
48	40.595	25.013	40.403	26.228	41.310	26.008	41.005	26.68-	4
49	41.441	26 68-	41.320	26.86	12.052	27.040	39.417 40.256 41.095 41.933	27.222	4
50	44.200	100,001			E. W.	N. S.	E. W.	NE	
	E. W.		E. W.	······································					Dift.
à l	45 N	lin,	30 N	lin.	1 15 M	Ain.	ON	Ain.	*

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Ī			32 D	egrees.			33 D	grees.	
Į₽	15	Min.	30	Min.	1 45	Min.	01	Ain.	₽₽
171	N. 5	E. W.	N. S.	E. W		E. W.	N. S.	IE. W.	.₹
51	43.132 43.978 44.824 45.66	27.214	43.013	27.402	42.842	27.000	42.779	27.777	51
52	43.978	27.748	43.856	27.940	43.734	28.131	43.611	28.321	52
53	44.824	28.282	44.700	28.477	44.575	28.672	44.450	28.866	53
1 34	12		(T)))TJ		173·4·V		841.400	140.411	\$54
55	40.515	29.345	40.300	29.551	40.257	29.754	46.127	29.955	55
56	47.361 48.206	-9.882	47.230	30.089	47.098	30.295	46.966	30.500	56
57	40.200	30.410	18 017	30.020	47.939	30.836	47.804	31.044	57
1 20	49.898	31.482	49.760	31.701	40.621	31.370	40.043	31.509	58
60	49.898 50.744	32.017	50.603	32.238	50.462	32.458	50.320	32.67	59 6c
61	51.584	32.550	\$1.447	32.775	1 202	22 000	51.159		61
1 6 2	152.A2r	22.0XA	62.200	22 2 10	0	22			62
1 03	53.201	33.010	153.134	33.050	1(2.086	124.OX1	C2.X26	21.213	63
64	54.127 54.972	34.151	53.977	34.387	53.82-	34.622	53.675	34.857	64
05	54.972	34.685	54.820	34.924	54.668	\$5.163	54.514	35.402	65
66	55.818	35.219	55.064	35.462	55.509	35.704	55.352	35.946	66
67	56.664	35.752	50.50;	35.999	56.350	30.245	56,191	36.491	67
60	58.355	30.800	8.10	27 074	57.191	10.786	57.03C	37.03t	68
1 49	59.201	20.019	20.24	3/.0/4	150.032	r¥2∙/ دي	15/1000	37.500	69
1-	60.047	27 887	50 881	28 145	50.073	28 16	30.707	108 66	70
72	60.892	\$8.420	60.721	28.686	60 536	18 0.409	159.540	30.000	71
1 72	101-729	38.054	01.507	20.222	Chr 201	20 101	the sea	120 000	72 73
74	62.584	39.487	62.411	39.76	62.237	40.032	62.062	40.303	74
75	62.584 63.430	40.021	63.254	40.297	63.078	40.573	62.900	40.848	75
76	64.275	40.000	61.008	10.821	62 010	141 11.	62 220	11 200	76
77	05.121	41.088	04.941	41.272	H64 760	14 1 6 c c	64.078	111 025	77
70	65.967	14.000	1-2.104	4	102.001	112.196	105.410	42.482	78
80	67.652	12.600	67.471	12.034	67 281	42.737	66.25;	43.027	79
1	68.504	42 222	68.315	12 (2)	68.124	13.2/0			80
82	69.350	43.756	69.10	11.051	68 06	43.01	67 93 -	44.111	81 82
83	70.195	44.20C	70.001	44.59()	16g.8c6	14 901	63.771	15.201	83
84	71.041	44.824	70.845	45.133	70.64-	45 .14:	70.418	15.750	84
	/11007	45-35-	/1.002	45.070	71.485	45.98	71 287	40.29	8;
86	72.733	45.891	72-532	46.202	72.329	40.52-	172.120	40.835	86
87	73.570	40 424	73.375	40.74	77.170	17.06	172.96		87
1 88	71.42	110. ucr	74 212	17.282	74.010	47 601	172 80	117 028	88
109	75.27C 76.116	4/ 492	75.00:	18.205	75 60	48.68 48.68	74.04: 75.480	43.475	89
	76.961							the second se	<u>90</u>
1 02	77.807	10.002	77 502	49.122	70.535	49.22	76.315	49.502	91
1 41	78.653	49.626	78.43;	40.964	78.217	50.21	77.001	10.6	92
94	79.490	20.100	1/9.475	50.500	179.058	50.852	78.835	51.190	93 94
95	100.344	20.092	100.122	51.042	70 800	61.202	70.67	61.941	95
96	81.190 82.036 82.881	51.227	80.965	51.581	80.7.0	51.934	80.512	52.285	96
97	82.036	51.761	\$1.800	58.118	81.581	52.474	81.35	52.83¢	9.
1 98	82.881	52.294	82.052	52.055	82.422	53.015	82.190	53.375	•8
100	83.727 84.573	52.261	84.370	53.193	03.203	53.556	83.021	53 919	9 9
	E. W.	N. S.	E. W.	N. S.					100
Ŗ	45 N								
17			1 30 Min. 1 15 Min.				I O'N	lin.	F.
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-		Min.		Min.		Min.	34 De		-
Diff					10		_	lin.	Dift.
	N. S.	E. W.	N. S.	E. W.	N. S.	E. W.	N. S.	E. W.	
1	0.836	0.548	0.834	0.552	0.831	0.556	0.829	0.559	-
2	1.673	1.097	1.668	1.104	1.663	1.111	1.658	1.118	
3	2.509	1.645	2.502	1.650	2.494	1.667	2.487	1.678	
4	3.345	2.193	3.336	2.208		2.222	3.316	2.237	
5	4.181	2.741	4.169	2.760	4.157	2.778	4.145	2.796	
6	5.018	3.290	5.003	3.312	4.989	3.333	4.974	3.355	-
7	5.854	3.838	5.837	3.864	5.820	3.889		3.914	
78	6.690	4.386	6.671	4.415		4.445	6.632	4.474	
9	7.527	4.935	7.505	4.967	7.483	5.000	7.461	5.033	
10	8.363	5.483	8.339	5.519	8.315	5.556	8.290	5.592	1
11	9.199	6.031	9.173	6.071	9.146	6.111	9.119	6.151	1
	10.035		10.007	6.623	9.978		9.948	6.710	
	10.872		10.841	7.175	10.800		10.777	7.270	i
	11.708		11.674	7.727	11.641		11.607	7.829	i
	12.544		12.508	8.279	12.472		12.436	8.388	i
16			13.342	8.831	13.304		13.265		-
17	14.217	0.321	14.176	0 282	11.120	0 445	14.004	8.947	1
18	15.007	0.860	16.010	9.303	14.066	9.445	14.002	10.06-	1
In	15.880	10:418	15.844	10.487	15.708	10.000	14.923	10.62	
20	16.726	10.066	16.678	11.039	16.620	11.111	16.581	11.184	1 2
	_			_					-
21	18 202	11.514	17.512	11.591		11.667	17.410		2
22	10.390	12.002	18.345	12.143	18.292	12.223	10.239	12.302	2
23	19.235	12.011	19.179	12.095	19.124	12.778	19.068 19.897	12.801	2
44	20.071	13.159	20.013	13.240	19.955	13.334	19.097	13.421	2
-				13.798			20.726	13.980	2
26	21.743	14.256	21.681	14.350	21.618	14.445	21.555	14.539	2
27	22.580	14.804	22.515	14.902	22.450	15.000	22.384	15.098	2
28	23.410	15.352	23.349	15.454	23.281	15.556	22.384 23.213 24.042	15.657	2
29	24.252	15.900	24.183	16.006	24.113	16.112	24.042	16.217	2
				16.558			24.871	10.776	3
31	25.925	16.997	25.850	17.110	25.776	17.223	25.700	17.335	3
32	20.701	17.543	20.684	17.662	26.607	17.778	26.529	17.894	3
33	27.597	18.094	27.518	18.214	27.439	18.334	27.358 28.187	18.453	3
34	20.434	10.042	20.352	18.766	28.270	18.889	28.187	19.013	3
35	29.270	19.190	29.186	19.318	29.101	19.445	29.016	19.572	3
36	30.106	19.734	30.020	19.870	29.933	20.001	29.845	20.131	3
27	30.943	20.287	30.054	20.422	120.764	20.556	30.074	20.000	3
38	31.779	20.835	31.688	20.974	31.596	21.112	31.503	21.240	3
39	32.615	21.383	32.522	21.526	32.427	21.667	31.503 32.332	21.800	3
40	33.451	21.932	33.355	22.077	33.259	22.223	33.162	22.368	4
4	34.288	22.480	34.180	22.620	31.000	22.778	33.991		4
12	35.124	23.028	35.022	22.18	34.022	22.294	34.820	23.486	4
47	35.960	23.577	35.857	23.722	35.752	27.800	35.649	24.04	4
41	36.797	24.125	36.601	24.28	36. 85	21.445	36.478	24.604	4
A	37.633	24.672	37.525	24.837	37.416	25.001	37.307	25.164	
									4
40	20.205	25 220	30.359	-5-309	30.248	-5.550	38.136 38.965	26 28	4
47	40.142	26.218	10 027	*5.941	39.079	20.112	20 704	26 84.	4
40	40.028	26.866	10.860	27.493	39.911	20.007	39.794	27.400	4
49	11 814	27.410	40.000	27.597	40.742	27.223	40.623	27 060	4
50							and when have	and the second s	5
0	E. W.	1 State 12	E. W.		Berr .	N. S.	E. W.	Contraction of the local division of the loc	D
		Min.		Min.	1 15	Min.	ON		

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-	1	33 Degrees.		34 Degrees.	-
O	15 Min. 4	30 Min.	45 Min.	o Min.	0
Dift.	N. S.IE. W.	N. S.E. W.	N. S. L. W.	N. S.[E. W.	Dift.
					-
	42.651 27.963	43.362 28.701	42.405.28.334	43.110 29.078	51
53	44.323 29.060	44.196 29.253	44.068 29.445	43.939 29.637	53
54	45.159 29.608	45.030 29.805	44.899 30.001	44.768 30.196	54
	45.996 30.156		45.73130.556	45.597 30.756	55
56	40.832 30.704	46.698 30.908	46.562 31.112	46.426 31.315	56
57	47.668 31.253	47.532 31.460	47.394 31.667	47.255 31.874	57
58	48.505 31.801	48.365 32.012	48.225 32.223	48.084 32.453	58
59	49.341 32.349	49.19932.564 50.03333.116	49.057 32.779	48.913 32.992	59
	50.17/52.090	50.053353.110	49.000 33.334	49.742 33.332	
61	51.01333.440	50.867 33.668 51.701 34.220	50.72033.890	50.57134.111	61 62
62	52.606 34.542	52.535 34.772	52.383 35.001	\$2.22035.220	63
64	53.522 35.091	53.369 35.324	53.21435.556	53.058 35.788	64
65	54.359 35.639	53.369 35.324 54.203 35.876	54.046 36.112	53.887 36.348	65
66	55.195 36.187	55.036 36.428	54.877 36.668	54.717 36.907	66
67	56.031 36.736	55.87036.980 56.70437.532	55.700 37.223	55.546 37.466	67
68	50.867 37.284	50.704 37.532	50.540 37.779	50.375 38.025	
09	57.70437.832	57.538 38.084 58.372 38.635	57-371 30.334	57.20430.504	69
					70
71	59.370 38.929	59.206 39.188	59.03439.445	58.862 39.703 59.691 40.262	71
73	61.040 40.020	60.040 39.739 60.874 40.291	60.607 40.557	60. (20 40.821	72
74	61.885 40.574	61.708 40.843	61.529 41.112	61.34941.380	74
75	62.721 41.122	62.541 41.395	62.360 41.668	62.178 41.939	75
76	63.558 41.670	63.375 41.947	63.192 42.223	63.007 42.499	76
77	64.394 42.219	64.200 42.499	64.023 42.779	63.83643.058	77
78	65.230 42.767	65.043 43.051 65.877 43.603	04.855 43.334	64.665 43.617	78
79	66 002 43 862	66 71143.003	66 618 44 446	66 222 44 726	79
		66.711 44.155			
82	68 575 44.412	67.545 44.707 68.379 45.259	67.349 45.001	67.152 45.295	81 82
82	60.412 45.508	69.213 45.811	60.012 46.112	68.810 46.412	83
84	70.248 46.057	70.046 46.363	69.843 46.668	69.639 46.972	84
85		70.88046.915			85
86	71.921 47.153	71.71+47.467	71.506 47.779	71.297 48.091	86
87	72.757 47.701	71.71+47.467 72.54848.019	72.338 48.335	72.126 48.650	87
88	73.503 48.250	73.382 48.570	73.100 48.800	72.055 49.200	88
		74.216 49.122			89
		75.050 49.674		74.613 50.327	90
91	76.028 50.442	75.884 50.226 76.718 50.778	76.405 51.557	75.442 50.887	91
02	77.775 50.001	77.551 51.330	77.327 51.668	77.101 52.005	92 93
94	78.611 51.540	78.385 51.882	78.158 52.224	77.930 52.564	94
95	79.447 52.088	79.219 52.434	78.990 52.779	78.759 53.123	95
06	80.283 52.636	80.053 52.986	79.821 53.335	79.588 53.683	96
97	81.120 53.184	80.887 53.538	80.653 53.890	80.417 54.242	97
08	81.05053.732	81.721 54.00C	81:484 54.446	81.246 54.801	98
99	82 6201 820	82.555 54.642 83.389 55.194	82.117 55.001	82.075 55.360	99
		E. W. N. S.	E. W. N. S.	82.904 55.919 E. W. N. S.	-
D			Contraction of the second second second	o Min.	D
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1				Degrees			35 D	egrees.	1
봋	15 M	in. f	30	Min.	A5	Miu.		Min.	Dift.
.≉	-	E. W.	N. S.	E. W.	_	E. W.	N. S.	E. W.	?
	0.827	0.563	0.824	0.566	0.822	0.570	0.819	0.574	1-7
2	1.653	1.120	1.648	1.133	1.643				
3	2.480	1.688	3.472	1.699	2.465	1.710		1.721	3
4	3.306	2.251	3.297	2.266	3.287	2.280	3.277	2.294	4
5	4.133	\$.814	4.121	2.832	4.108	2.850	4.096	2.868	
. 6	4.y6 0	3.377	4.945	3.398	4.930	3.420	4.915	3-441	6
7	5.786 6.613	3.94° 4.502	5.769	3.965	5.752 6.573	3.990	5.734 6.553	4.015 4.589	
9	7.439	5.065	6.593 7.417	4.531 5.098	7.395	4.560 5.130	7.372	5.162	9
10	8.266	5.628	8.241	5.664	8.216	5.700	8.192	5.736	.10
11	9.092	6.191	9.065		9.038	6.270	9.011	6.309	11
12	9.919	6.75-	9.890	6.23c 6.796	9.860	6.840	9.830	6.883	12
13		7.316	10.714	7.361	10.681 11.503	7.410			13
14		7.879	11.538	7.930	11.503	7.980	11.468		14
15	12.399	8.442	12.362	8.496	12.325	8.550	12.287	8.604	15
	13.225	9.005	13.186	9.062	13.146	9.120	13.106	9.177	16
17	14.052 14.879	9.568	14.010	9.629 19.195	13.968		13.926 14.745		17
		10.693	15.658		15.611				
20		11.256	16.483		16.433	11.400	16.383	11.472	20
21		11.815	17.307	11.895	17.255	11.970	17.209	12.045	21
	18.185	12.381	18.131	12.461	18.070	12.540	18.021 18.840	12.619	82
	19.018	[2.945	18.955 19.779	13.027	18.898	13.110	18.840	13.192	23
	19.838		AA 644			14	19.660	114 200	
25	20.665	14.070	20.603	14.100	20.541	14.250	20.479	14.339	25
26	20.005 21.491 22.318 23.145 23.971 24.798 25.624 26.451 27.277 28.104 28.931 20.767	14.033	21.427	14.727	21.303	14.820	21.298	14.913	26
27	22.318	15.190	22 076	15.293	22.006	15.390	22 026	16.060	27
20	22.071	16.121	27.900	16.426	23.828	10.120	23.755	16.634	29
30	24.798	16.8 84	24.724	16.992	24.64	17.100	24.575	17.207	30
21	25.624	17.447	\$5.548	17.559	25.471	17.670	25.394	17.781	31
32	26.45	18.010	26.372	18.125	26.295	18.240	26.213	18.354	32
33	27.277	18.573	27.196	18.69,1	37.114	18.810	27.032	18.928	33
34	28.104	19.135	28.020	19.258	27.930	19.380	27.851	19.502	34
35	20.931	19.090	20.044	19.024	20.750	19.950	20.070	20.0,3	35
36	29 .757 30.584 31.410 32.2 37 33 .064	20.201	29.005	20.391	29.579	20.590	29.439	21.222	36
37	31.410	21.38-	30.493	21.52	31.222	21.660	31.128	21.706	37 38
30	32.237	21.949	32.141	22.09	32.044	22.230	31.947	22.369	39
40	33.064	32.512	32.965	22.656	32.860	22.800	32.766	22.943	40
41	33.890 34.717 35.543 36.370 37.197	23.075	33.789	23.223	33.68.	23.370	33.585	23.517	41
42	34.717	23.638	34.613	23 789	34-509	23.940	34.404	24.090	42
43	35.543	24.201	35 437	24.355	35.331	24.510	35.224	24.004	43
44	30.370	24.703	30.202	24.922	30.152	25.080	30.043	26.81	44
45	3/.197	~3.520	37.000	-3.400	30.974	-3.050	10.00x	26.08	45
46	30.023	25.089	37.910	26.62	37.790	20.220	37.081	26.04	46
47	30.676	27.01	39.008	27.187	30.490	27.260	39.310	27.532	47 48
40	40.503	27.577	40.382	27.754	40.261	27.930	40.138	28.105	49
50	38.023 38.850 39.676 40.503 41.329	28.140	41.206	28.320	41.082	28.500	40.958	28.679	50
	E. W.	N. S.	E. W.	N. S.	E. W.	N. S.	E. W.	N. S.	
Di₽.	45 N	Ain.	. 30 M	tin,	15	Min.	o N	din.	Dia
	<u> </u>		_	55 Degi	_				•

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1.4.	1	Hardfor	16.0	3		egrees.		- store	1	35 1	Degrees	T
	Diff		Min.	-	30	Min.	4	Min.			Min.	Dift
Ľ		N. S.	E. W.			E. W		S.E. W		N. 5	.[E. V	7. P
			28.703	42.	030	28.88	41.90	4 29.07		41.77	7 29.20	2 51
	52	42.983	29.260	43.	855	29.45	42.72	6 20.61		12 50	6 20 8	6
	53	41.626	29.029	43.	079	30.020	43.54	7 30.21	01	43.41	5 30.40	
2	55	45.462	30.954	45.	327	31.150	44.30	131.35				
			31.517					2 31.92	-		3 31.54	
-	57	47.116	32.080	46.	975	32.284	46.83	4122.10		16 60	3 32.12	
100	501	4/.942	15 4.043	147.	790	132.850	47.00	622 06		17 CT	Than al	1 .0
1213	591	40.709	133.205	40.	023	33.412	148.47	7 22 62		8 221	222 8.	1 -
	00	+9.292	33.100	149.	440	33.904	49.29	934.20	14	9.14	934.41	5 60
	01	50.422	34.331	50.	272	34.551	50.12	0 34.77		9.96	8 34.98	8 61
	62	52.075	35.457	P:1.	020	35.117	50.94	235.34		0.78	735.56	2 62
100	041	34.902	130.020	115 4.	744	30.200	152.58	5126 181	110	2 121	6126 40	- 6.
1	65	53.728	36.582	53.	568	36.816	53.40	7 37.05		3.24	37.28	9 64 2 65
1.71	661	54.5.55	137. TAE	151	202	27 180	1104 00	alan fa				A 14 4
	67	55.382	37.708	55.	216	37.949	55.05	0 38.190 2 38.760	5	4.88	38.43	0 67
	68	50.208	38.271	50.	041	38.516	55.87	2 38.760	5	5.70	39.00	3 68
								4 39.330				
-	71	\$ 688	20.000	108	C 1 2	10.010	137.31	5 39.900	2	7.34	40.15	0 70
	72	59.514	40.522	59.	237	40.215	50.33	7 40.470	5	8.100	40.72	4 71
1:	74	61.167	41.648									
12	76	02.821	42.773	62.	634	43.047	62.44	43.320 43.890 8 44.460 9 45.030	6	2.256	43.59	2 76
12	77	64.474	43.330	64	458	43.013	163.26	43.890	6	3.075	44.16	5 77
1	79	65.301	44.462	6.5.	106	44.746	64.08	44.400	0	3.894	44.73	9 78
18	Bol	66.127	45.024	65.	930	45.312	65.73	2 45.600	6	4.713	45.31	3 79 6 80
211.2	8 1 10	00.051	AC . 5X7	100	714	10 8000	66	A COLOR	11	C	1 1 1 1	-
18	826	67.780	46.150									
18	83 6	08.607	46.713	68.4	102	47.012	68.19	47.310	6	7.990	47.60	83
	84	9.434	47.270	09.2	227	47-578	69.018	47.880	6	8.809	48.18	84
1.1 10.2	1011		11.000	1	2 1	40.145	109.040	140.450	ri O	0.02X	1X.7E	
18	87 2	71.012	48.061	71.0	575	40.711	70.662	49.020	7	0.447	49.32	8 86
								49.590				
1	911	3.2011	30.090	13.3	4/1	50.410	73.12	50.730	7	2.005	50.47	88 89
1 9		4.393	50.052	14.1	11	50.977	73.948	51.300	7	3.721	51.621	00
19	17	5.220	51.215	74.9	95	51.543	74.770	51.870	7	4.543	52.100	91
9	27	6 9-046	51.778	75.8	20	2.109	75.592	51.870	7	5.362	52.760	92
+9	37	7.600	52.341	70.0	68	2.076	76.413	53.010	70	5.181	53.343	93
9	5 7	8 526	53.466	78.2	92	3.800	78.006	52.440 53.010 53.580 54.150	77	.000	53.916	94
1	- A.	and the second second		-	1.1	13 91	10.000	54.720	17	.010	\$4.400	0.65
9	88	1,006	\$5.155	80.7	645	5.508	80.521	55.290 55.860 56.430	80	.277	\$6.210	97 98
9	98	1.832	55.718	81.5	88 5	6.074	81.343	56.430	81	.096	56.784	99
10	-				- 313	0,041	02.105	57.000	81	.915	57.358	100
10	1	2. W.	and the second se	-	N.11	and the second se	E. W.	N. S.	E.			
		45 1	Min,	3	OM	lin.	ISN	Ain.	-	O N	1in.	12.
1ª	-	12					grees.	and the state of the second	-		IIII,	Dift.

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Min. 1E. w 0.577 1.15- 0.173 2.366 3.463 5.194 6.5771 3.6.344 6.5.771 3.6.344 6.5.751 3.8.865 5.754 5.194 6.926 6.9234 3.8.855 5.9234 3.9.834 5.194 5.194 5.9234 3.9.815 5.104 5.19	N. 5. 0.814 1.628 2.442 3.256 4.071 4.885 5.699 6.513 7.327 8.141 8.955 9.769 10.584 11.398 12.212	1.742 2.323 2.904 3.484 4.065 4.646 5.226 5.807 6.388 6.968 7.549	N. S. 0.812 1.623 2.435 3.240 4.058 4.869 5.681 6.493 7.304 8.116 8.927 9.739		0.1 N. S. 0.805 1.618 2.427 3.236 4.045 4.854 5.663 6.472 7.281 8.cgc	2.939	0.IL 1 2 3 4 5 6 5 8 9
7 0.577 3 1.154 0 1.731 1.731 2.365 0 3.463 6 4.044 3 4.617 0 5.194 6 5.771 3 6.349 6 6.926 7.503 3 8.080 0 8.655 6 9.234 3 9.811 0 9.1038	0.814 1.628 2.442 3.256 4.071 4.885 5.699 6.513 7.327 8.141 8.955 9.765 10.584 11.398 12.212	0.581 1.161 1.742 2.323 2.904 3.484 4.065 4.646 5.226 5.807 6.388 6.968 7.549 8.130	0.812 1.623 2.435 3.246 4.058 4.869 5.681 6.493 7.304 8.116 8.927 9.739	0.584 1.168 1.753 2.337 2.921 3.505 4.090 4.674 5.258 5.842	0.804 1.618 2.427 3.236 4.045 4.854 5.663 6.472 7.281	0.588 1.176 1.763 2.351 2.939 3.527 4.114 4.702 5.290	3
1 1.154 1.731 2.360 3.463 4.617 5.194 6.5771 3.6.349 6.5771 3.6.349 6.5.771 3.6.349 6.5.753 8.080 0.8455 6.9.234 8.080 0.8455 6.9.234 8.080 0.8455 6.9.234 8.080 0.8455 6.9.234 8.080 0.8455 6.9.234 8.080 0.8455 6.9.234 8.080 0.8455 6.9.234 8.080 0.8455 6.9.234 8.080 0.8455 6.9.234 8.080 0.8455 6.9.234 8.080 0.8455 6.9.234 8.080 0.8455 6.9.234 8.080 0.8455 6.9.234 8.080 0.8455 6.9.234 8.080 0.9.234 8.080 0.9.234 9.234 9.234 0.9.244 0.9.2444 0.9.2444 0.9.2444 0.9.24444 0.9.244444 0.9.244444444444444444444444444444444444	1.628 2.442 3.256 4.071 4.885 5.699 6.513 7.327 8.141 8.955 9.769 10.584 11.398 12.212	1.161 1.74 ² 2.323 2.904 3.484 4.065 4.646 5.226 5.807 6.388 6.968 7.549 8.130	1.623 2.435 3.240 4.058 4.869 5.681 6.493 7.304 8.116 8.927 9.739	1.168 1.753 2.337 2.921 3.505 4.090 4.674 5.258 5.842	1.618 2.427 3.236 4.045 4.854 5.663 6.472 7.281	1.176 1.763 2.351 2.939 3.527 4.114 4.702 5.290	23
1 1.154 1.731 2.360 3.463 4.617 5.194 6.5771 3.6.349 6.5771 3.6.349 6.5.771 3.6.349 6.5.753 8.080 0.8455 6.9.234 8.080 0.8455 6.9.234 8.080 0.8455 6.9.234 8.080 0.8455 6.9.234 8.080 0.8455 6.9.234 8.080 0.8455 6.9.234 8.080 0.8455 6.9.234 8.080 0.8455 6.9.234 8.080 0.8455 6.9.234 8.080 0.8455 6.9.234 8.080 0.8455 6.9.234 8.080 0.8455 6.9.234 8.080 0.8455 6.9.234 8.080 0.8455 6.9.234 8.080 0.9.234 8.080 0.9.234 9.234 9.234 0.9.244 0.9.2444 0.9.2444 0.9.2444 0.9.24444 0.9.244444 0.9.244444444444444444444444444444444444	1.628 2.442 3.256 4.071 4.885 5.699 6.513 7.327 8.141 8.955 9.769 10.584 11.398 12.212	1.161 1.74 ² 2.323 2.904 3.484 4.065 4.646 5.226 5.807 6.388 6.968 7.549 8.130	2.435 3.240 4.058 4.869 5.681 6.493 7.304 8.116 8.927 9.739	1.168 1.753 2.337 2.921 3.505 4.090 4.674 5.258 5.842	2.427 3.236 4.045 4.854 5.663 6.472 7.281	1.763 2.351 2.939 3.527 4.114 4.702 5.290	3
7 2.305 2.886 2.886 3.463 6.4.040 3.4.617 5.194 6.5.771 3.6.349 6.926 6.7.503 3.8.080 6.923 4.617 5.194 6.926 6.923 1.8.86 5.923 1.8.86 5.923 1.8.86 5.923 1.8.86 5.923 1.8.86 5.923 1.8.86 5.923 1.8.86 5.923 1.8.86 5.923 1.8.86 5.923 1.8.86 5.923 1.8.86 5.923 1.8.86 5.923 1.8.86 5.923 1.8.86 5.923 1.8.86 5.923 1.9.93	3.256 4.071 4.885 5.699 6.513 7.327 8.141 8.955 9.769 10.584 11.398 12.212	2.323 2.904 3.484 4.065 4.646 5.226 5.807 6.388 6.968 7.549 8.130	3.240 4.058 4.869 5.681 6.493 7.304 8.116 8.927 9.739	2.337 2.921 3.505 4.090 4.674 5-258 5.842	3.236 4.045 4.854 5.663 6.472 7.281	2.351 2.939 3.527 4.114 4.702 5.290	
2.886 3. 2.886 4.040 5.194 5.194 5.194 5.194 6.926 6.7.503 3. 8.080 8.657 6.9234 3. 9.234 3. 9.811 3. 9.10.388	4.071 4.885 5.699 6.513 7.327 8.141 8.955 9.769 10.584 11.398 12.212	2.904 3.484 4.065 4.646 5.226 5.807 6.388 6.968 7.549 8.130	4.058 4.869 5.681 6.493 7.304 8.116 8.927 9.739	2.921 3.505 4.090 4.674 5.258 5.842	4.045 4.854 5.663 6.472 7.281	2.939 3.527 4.114 4.702 5.290	
3.463 6 4.043 3.463 4.617 5.194 5.194 6.5.771 5.194 3.6.349 6.926 6.7.503 8.086 8.082 8.657 6.9.234 9.816 3.9.10.381 9.811	4.885 5.699 6.513 7.327 8.141 8.955 9.769 10.584 11.398 12.212	3.484 4.065 4.646 5.226 5.807 6.388 6.968 7.549 8.130	4.869 5.681 6.493 7.304 8.116 8.927 9.739	3.505 4.090 4.674 5.258 5.842	4.854 5.663 6,472 7.281	3.527 4.114 4.702 5.290	
6 4.040 3 4.617 5.194 6 5.771 3 6.349 6.926 6 7.503 8.080 0 8.657 6 9.234 3 9.234 9.234 10.380	5.699 6.513 7.327 8.141 8.955 9.769 10.584 11.398 12.212	4.065 4.646 5.226 5.807 6.388 6.968 7.549 8.130	5.681 6.493 7.304 8.116 8.927 9.739	4.090 4.674 5-258 5.842	5.663 6.472 7.281	4.114 4.702 5.290	1
4.617 5.194 5.771 6.349 6.926 7.503 8.080 8.657 6.9.234 9.234 9.811 0.386	7.327 8.141 8.955 9.769 10.584 11.398 12.212	5.226 5.807 6.388 6.968 7.549 8.130	6.493 7.304 8.116 8.927 .9.739	4.674 5-258 5.842	6,472 7.281	4.702	1
5.194 6.5.771 6.349 6.926 7.503 8.080 0.8.657 6.9.234 9.234 9.811 0.386	7.327 8.141 8.955 9.769 10.584 11.398 12.212	5.226 5.807 6.388 6.968 7.549 8.130	7.304 8.116 8.927 9.739	5-258 5.842	7.281	5.290	
6 5.771 3 6.349 6 926 6 7.503 8 .080 8 .080 8 .657 6 9.234 9 .811 10.380	8.141 8.955 9.769 10.584 11.398 12.212	5.807 6.388 6.968 7.549 8.130	8.116 8.927 9.739	5.842			
6.349 6.926 7.503 8.080 8.657 6 9.234 9.811	8.955 9.769 10.584 11.398 12.212	6.388 6.968 7.549 8.130	8.927			1.0/0	10
6.926 7.503 8.080 8.657 6.9.234 3.9.811	9.769 10.584 11.398 12.212	6.968 7.549 8.130	9.739		8.899	6.466	I
6 7.503 8.080 8.657 6 9.234 9.811 9.811	10.584	7.549 8.130			9.708	7.053	12
8.080 8.657 6 9.234 9.811	11.398	8.130	10.550	7.595	10.517	7.641	13
8.657 6 9.234 3 9.811	12.212		11.362		11.326		14
6 9.234 3 9.811		0./11	12.174	8.764	12.135	8.817	1
3 9.811	11.1.020	9.291	12.985	9.348	12.944	9.405	1
0.10.380			13.797	9.932	13.753	9.992	1
	114.6;4	10.453	14.608		14.562		1
5 10.966	15.468	11.033	15.420	11.101	15.371	11.168	10
11.543			16.231		16.180		20
12.120		12.195		12.269	16.989	12.343	2
6 12.697	17.911	12.775	17.855	12.853	17.798		2:
3 13.274	10.725	13.350	18.666	13.438	19.416		24
913.851			20.280	14.606	20.225	14.695	2
6 14.429					21.034		26
3 15.006			21.101			15.870	27
9 15.583		16.260	22.724	16.200	22.652	16.458	22
3 16.737		16.810	23.536	16.943	23.461	17.046	- 20
17.314		17.421	24.347		24.271	17.634	30
617.891		18.002	25.159	18.112	25.080	18.221	31
18.460	26.052	18.582	25.970	18.606	25.889	18.809	32
119.046	26.866	19.163	26.782	19.280	26.698		3,3
6 19.623	27.680	19.744	27.594	19.864	27.507		34
2 20.200	28 494	20.325	28.405	20.449	28.310	20.572	3
20.777	29.308	20.905	29.217		29.125		36
6 21.3.54	30.122	21.486	30.028	21.617	29.934		3
2 21.932	30.930	22.007	30.840	22.201	30.743		38
6 22 . 509	31.751	23.228	32.463		32.361	23.511	40
	32.565				33.170	24.099	4
	33.379		33.275	24.528	33.979		49
	34-193		34.898			25.275	43
225.304	35.821	25.551	35.700	25.707	35.597	25.863	4
1	36.635	26.132	36.521	26.291	36.406	26.450	49
25.972	11				37.215	27.038	40
	38.263				38.024	37.626	4
5 26.549	39.078	27.874	38.956	28.044			. 48
26.549	39.892	28.454					4
26.549 27.126 27.703 28.280	10.706	29.035					50
26.549 27.126 27.703 28.280 28.857			E. W.	N. S.			D
26.549 27.126 27.703 28.280		Min.	15 1	Min.	ON	Im.	Dift.
2	25.394 25.972 26.549 27.126 27.703 28.280 28.857	25.394 35.821 25.972 36.635 26.549 37.445 27.703 39.078 28.280 39.078 28.285 10.706 N. S. E. W.	25.394 35.821 25.394 35.635 26.549 27.126 37.445 26.712 27.126 38.263 27.703 39.078 27.703 39.078 27.874 28.280 39.078 28.454 28.857 10.706 29.035 E. W.N. S. Min. 30.Min.	25.394 35.881 25.551 35.709 25.972 36.635 26.132 36.521 26.549 37.445 26.712 37.332 27.703 39.078 27.493 38.144 27.703 39.078 27.874 38.956 28.280 39.078 27.874 38.956 28.857 10.706 29.035 40.579 N. S E. W.N. S. E. W. W. Min. 30 Min. 15 Min. 15 Min.	$\begin{array}{c} 25.394 \\ 35.821 \\ 25.591 \\ 36.635 \\ 25.192 \\ 36.635 \\ 25.192 \\ 36.521 \\ 25.549 \\ 37.445 \\ 25.12 \\ 27.703 \\ 39.078 \\ 27.703 \\ 39.078 \\ 27.874 \\ 38.263 \\ 27.703 \\ 39.078 \\ 27.874 \\ 38.956 \\ 28.039 \\ 28.454 \\ 39.767 \\ 28.628 \\ 28.857 \\ 10.706 \\ 29.035 \\ 40.579 \\ 29.212 \\ 8.956 \\ 28.857 \\ 10.706 \\ 29.035 \\ 40.579 \\ 29.212 \\ 8.956 \\ 28.857 \\ 10.706 \\ 29.035 \\ 40.579 \\ 29.212 \\ 8.956 \\ 29.035 \\ 40.579 \\ 29.212 \\ 8.956 \\ 29.035 \\ 40.579 \\ 29.212 \\ 8.956 \\ 29.035 \\ 40.579 \\ 29.212 \\ 8.956 \\ 29.035 \\ 40.579 \\ 29.212 \\ 8.956 \\ 29.035 \\ 40.579 \\ 29.212 \\ 8.956 \\ 29.035 \\ 40.579 \\ 29.212 \\ 8.956 \\ 29.035 \\ 40.579 \\ 29.212 \\ 8.956 \\ 29.035 \\ 40.579 \\ 29.212 \\ 8.956 \\ 29.035 \\ 40.579 \\ 29.212 \\ 8.956 \\ 29.035 \\ 40.579 \\ 29.212 \\ 8.956 \\ 29.035 \\ 40.579 \\ 29.212 \\ 40.579 \\ 2$	$\begin{array}{c} 25.394 \\ 35.881 \\ 25.972 \\ 36.635 \\ 26.972 \\ 36.635 \\ 26.132 \\ 37.415 \\ 27.126 \\ 38.263 \\ 27.703 \\ 39.078 \\ 27.703 \\ 39.078 \\ 27.82 \\ 28.557 \\ 10.706 \\ 29.038 \\ 28.280 \\ 39.682 \\ 28.454 \\ 39.767 \\ 28.628 \\ 39.642 \\ 28.857 \\ 10.706 \\ 29.038 \\ 28.454 \\ 39.767 \\ 28.628 \\ 39.642 \\ 28.857 \\ 10.706 \\ 29.038 \\ 28.454 \\ 39.767 \\ 28.628 \\ 39.642$	$\begin{array}{cccccccccccccccccccccccccccccccccccc$

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-				egrees.			30	2	egrees.	-
Dift		Min.	301		45	Min.		0 1	Min.	Dia
-	N. S	E. W.	N. S.	E. W.	N. S.	E. W.	Ň.	5.	E. W.	1.00
51	41.645	29.434	41.515	29.016	41.390	29.797	41.	260	29.977	5
52		30.012	42.334		12.202	30.381	42.	069	30. 16:	5
		30.589	43.148	30.777	13.013	30.965	42.	878	31.153	1 1
		31.166		31.358		31.549				54
55	44.915	31.743	44.776			32.134			32.328	1 5
56	15.732	32.320	45.590	32.519	45.448	32.718	45.	305	32.916	1
		32.897	40.405	33.100	46.260	33.302	46.	114	33.504	5
	47.365 48.182		18 020	33.081	47.071	33.000	40.9	923	34.092	5
				34.842		34.4/1	47.	732	34.079	5
_									35.267	60
		35.2c6 35.783	49.001	35.423	50.318	35.639	49.	350	35.855	6
		36.360	51.280	36.584	51.120	36.808	20.	159	30.443	6
	52.265		52.103		51.041	37.392	CI.	777	27 618	
	53.082		52.918		52.752	37.976	52.	\$86	38.206	
	53.898		53.732			38.560				-
	54.715		54.546	38.907	54.375	39.145	54.3	204	39.282	6
	55.532		55.360	39.488	55.187	39.729	55.0	013	39.060	6
69		39.823	50.174	40.069	55.999	40.313	55.	822	40.557	6
70	57.105	40.400	56.988	40.649	50 810	40.897	56.0	631	41.145	70
71	57.982		57.802	41.230	57.622	41.482	57.4	440	41.733	7
	58.798		58.616		58.433	42.066	\$8.5	240	12. 320	1 .
	59.615		59.430		159.245	42.050	59.0	258	42.908	1 7
74	00.432	+2.709	60.245	42.972	100.050	43.234	59.8	807	43.496	7
			61.059		10				44.084	7
17 I.B	62.065	#3.863	61.873	44.133	61.680	44.4c3	61.4	185	44.672	7
77	62.881 63.698	44.44	62.687	44.714	62.491	44.987	02.1	294	45.259	7
	64.515	45.504	63.501 64.315	45. 495	64.114	45.571	62	103	45.847	1 /
84		46.172		46.456	64.926	46.740	64.	721	47.0435	1 7
81	66.148		65.943							80
82	66.06:	17.326	66.758	47.618	65.737 66.549	47.008	65.	5.0	-7.611	8
81	67.781	47.902	67.572	48.108	67.361	48.493	67.	148	48.198 48.786	
84	68.508	18.480	68.286	48.770	68.172	19.077	67.9	357	+9.374	8 - P 4
85	69.415	49.057	69.200	49.360	68.984	49.661	68.	76E	19.962	8
	70.231	49.634	70.014	49.940	69.795	50.245	69.4	525	50.550	8
87	71.048	50.212	70.828	50.521	70.607	50.820	70.	284	\$1.127	0
88	71.864	50.789	71.642	51.102	71.419	51.414	71.1	193	51.725	8
			72.456		72.230		72.0	203	52.313	8
90	73.498	51.94:	73.270	52.203	73.042				52.901	.90
91	74.314	52.520	74.085	52.844	73.853	53.167			53.488	9
92	75.048	53.097	74.899 75.713	53.425	75.476	53.751			54.076	-
93 94	76.764	54.252	76.527	54.586	76.288	54.010	126	439	54.664	1 -
95	77.581	14.824	77.341	55.167	77.100	55.504			55.840	•
-			78.155	55.747	77.911					
97	79.214	55.982	78.969	56.328	78.722	55.672	78.		56.427	
	80.031	\$6.560	79.782	\$6.000	70.534	\$7.256			57.603	
99	80.848	57.137	80.597	57 490	80.340	57.841	80.	093	58.191	9
	81.664	57.714	81.412	58.079	81.157	58.425	80.	902	58.778	10
	E. W.	N. S.	E. W.	N. S.		N. S.	E.	W.	N. S.	1
ift	45 M	Ain.	30 M	Min.	15 1	Ain.	-	0 1	Min.	Dift

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_		30 Degices.		37 Degrees. o Min.	5
Dift		<u>30 Min.</u>	45 Min.		E.
·	N. S.JE. W.		N. S. E. W.		
1	0.806 0.591	0.804 0.595	0.801 0.598	0.799 0.601	1
2	1.613 1.183	1.608 1.190		1.597 1.204	1
3	2.419 1.774 3.226 2.365	2.412 1.784 3.215 2.379	2.404 1.795 3.205 2.393		- 1
4	3.226 2.365 4.032 2.956	4.019 2.974	4.006 2.991	3.993 3.009	- 2
5		4.823 3.569		4.792 3.641	-6
			4.808 3.590 5.609 4.188	5.590 4.213	
8	6.451 4.730	6.431 4.759	6.410 4.787	6.386 4.815	- 8
9			7.211 5.389	7.188 5.410	9
10	8.064 5.913	8.039 5.948	8.013 5.983	7.986 6.018	10
11	8.871 6.504	8.842 6.543	8.814 6.582	8.789 6.620	11
12	9.677 7.096	9.646 7.138	9.615 7.180	9.584 7.222	11
13	10.484 7.687	10.450 7.733	10.416 7.778	10.382 7.824	13
			11.218 8.377	11.181 8.425	-14
15			12.019 8.975	11.980 9.027	19
16	12.903 9.461	12.862 9.517	12.820 9.573 13.621 10.179 14.423 10.770 15.224 11.368	12.778 9.629	1
17	13.71010.052	13.000 10.112	13.021 10.179	13.57710.231	17
1.	14.51010.044	14.409 10.707	14.423 10.7/0	15.174 11.434	- 10
20	16.12011.820	16.077 11.806	15.224 11.368 16.025 11.966	15.973 12.036	20
	16 02 1 12 418	16.881 12.491	16 826112.560	16.771 12.638	2
22	17.742 13.000	17.68 112.086	17.628 13.163	17.570 13.240	2
23	18. 148 13. 600	17.685 13.086 18.489 13.681	18.429 13.761	18. 369 13.841	2
24	10.2 <i>ct</i> 114.101	10.208 11.276	10.230 14.300	19.167 14.444	2
\$5	20. 161 14. 783	20.096 14.871	20.031 14.958	19.90013.045	2
26	20.968 15.374	20.900 15.465	20.833 15.556	20.765 15.647	2
27	21 anilite offe	21.704 16.060	21.62410.160	21.66410.249	2
28	22. 580 16. 557	22.508 16.655	22.435 16.753 23.236 17.351	22.362 16.851	8
	23.387 17.148	23.31217.250	23.230 17.351	23.959 18.054	20
30	24.193 17.739	24.116 17.845	24.038 17.950		
31	25.00018.331	24.920 18.440	24.839 18.548 25.640 19.146	24.75\$ 18.656	3
20	26.612 10.612	26. (27 10.620	26.441 10.740	26.354 19.860	3
34	27.416 20.100	27.131 20.224	26.441 19.745 27.243 20.343	26.355 19.86¢ 27.154 20.462	3
	INV WALLAD 606	12X 197130 XIO	2X 04420 041	127.019121.00AL	3
36	20.072 21.287	28.936 21.414	28.845 21.540	28.75 21.665	31
37	29.83821.878	29.743 22.008	28.845 21.540 29.646 22.138 30.448 22.736	29.550 28.267	3
38	30.645 22.470	30.547 22.603		30 348 22.869	3
39	31.451 23.061	31.350 23.198	31.249 23.335	31.147 28.471	3
	32.258 23.052	32.154 23.793	32.050 23.933	31.940 -4.073	4
41	33.064 24.244	32.958 24.388	32.85124.531	32.744 24.674	4
42	33.871 24.835	33.702 24.983	33.65325.130	24. 241 25.878	4
43	34.077 25.420	34.50025.577	34.45.; 25.728 35.255 20.326	35.140 26.480	4
48	16.20026.600	36.174 26.767	36.056 26.925	35.939 27.082	4
46	27 006 97 200	26 077 27 263	26.8-8 27.029	26.79- 27.083	4
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49	20.610128.974	190.780129.140	110.201149.519	122. 	4
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51	41.030	30.748	41.801	30.931	41.665	31.112	41.520	21 204	52
52	42.742	31.339	42.604	31.526	42.466	31.711	42.328	31.806	53
54	43.540	31.931	43.408	32.120	43.268	32.310	43.126	32.408	54
50	44.354	32.522	44.212	32.715	44.069	32.908	43.925		55
	45.161		45.016				44.724		56
50	15.067	22.706	45.820	23.005	45.671	24 105	44.744	33.702	
3/	46.774	33.7°5 34.296	46.624	34.500	16.472	34.702	46 221	24.005	57
50	47.580	34.887	47.428	35.005	47.274	35.301	47.120	25.507	59
60	48.387	35.479	48.231	35.689	48.075	35.800	47.018	26.100	60
		36.070	40.025	26 284	18 876	26 108	18 515	06 011	61
61	10.000	36.661	40.820	36.870	40.678	27 006	40.717	30.711	62
62	50.806	37.253	\$0.643	37.474	50.470	37.604	50 214	27 014	63
61	\$1.612	37.844	51.447	38.060	\$1.280	38.202	51.112	28.016	64
6	52.419	38.435	52.251	38.663	52.082	38.891	51.011	39.118	65
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62	1.828	40.209	\$4.662	40.448	51 18:	10.686	53.309	40.342	67
60	155.645	40.800	\$5.466	41.042	55.287	41.284	52.506	41.575	60
70	\$6.451	41.392	\$6.270	41.638	\$6.088	41.882	55.000	42.127	70
71	158 064	41.983	57 878	12 807	50.009	42.401	50.703	44.729	71
7.	18.870	43.166	\$8.682	42.422	18 102	42 678	18 200	43.531	72
79	50.677	43.757	59.485	44.017	50.202	44.276	50.000	43.934	73
75	60.483	44.348	60.289	44.612	60.004	44.874	50.808	45.126	74
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70	62.006	44.940	61.807	45.801	61.607	45.4/3	61.100	45.730	70
78	62.003	46.122	62.701	46.396	62.408	16,660	62.204	46.042	28
70	63.700	46.713	63.505	46.991	63.290	47.268	63.002	47.544	79
80	64.516	47.305	64.309	47.586	64.100	47.866	63.891	48.145	80
		47.896		18 181		48.464			81
8	66.128	48.487	65.016	48.775	65.702	40.062	65.488	40.210	82
8	66.93	49.079	66. 720	49.370	66. 504	40.661	66.287	40.001	83
8		149.670	67.524	49.965	67.305	150.2:0	67.080	50.552	84
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2822.28816.94822.21417.04522.13917.14222.06417.2392923.08417.55423.00717.65422.93017.75422.8217.8543023.88018.15923.80118.26323.72118.36723.64018.4703124.67618.76424.59418.87224.51118.97924.42819.98532.35.47219.36925.387119.48025.30219.59125.21619.7913326.26819.97526.18120.08926.09320.20326.00420.3173427.06420.58026.97420.69826.88320.81526.79220.9323527.86021.18527.76721.30727.67421.42827.57021.5483628.65631.79128.56121.91528.46522.06428.36822.1643729.45222.39630.14723.13330.04623.26429.94423.9553930.24823.00030.41723.13330.04623.26429.94423.9553931.04423.60630.94123.74230.83729.87630.72224.6264132.60624.91231.73424.95532.20925.71333.09625.8584334.22826.02131.73424.95532.20925.71333.09625.8584334.22826.02134.90826.78534.700											
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$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	23	.c8/	17.55	4 23							1 1
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	-	_					11				· [
$\begin{array}{ c c c c c c c c c c c c c c c c c c c$				4 24.	594	18.872					
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	26	.269	19.30	26.	307 181	20.080	26.00				
$\begin{array}{c c c c c c c c c c c c c c c c c c c $											
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	27	:86	21.18					121.428	27.580	21.548	
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	28	.65	21.79	1 28.	561	21.915					
$\begin{array}{c} 39 & 31.044 & 23.606 & 30.941 & 23.742 & 30.837 & 23.876 & 30.732 & 24.1011 \\ 4 & 31.84c & 24.212 & 31.734 & 24.35c & 31.628 & 24.489 & 31.520 & 24.626 \\ \hline 41 & 32.636 & 24.817 & 32.527 & 24.956 & 32.408 & 23.308 & 25.988 \\ 4 & 33.432 & 25.422 & 33.521 & 25.568 & 33.209 & 25.713 & 33.096 & 25.858 \\ 43 & 34.228 & 26.028 & 14.114 & 26.177 & 34.000 & 26.325 & 33.884 & 25.473 \\ 44 & 35.024 & 26 & 633 & 34.908 & 26.785 & 34.790 & 26.928 & 34.672 & 27.705 \\ \hline 46 & 36.616 & 27.844 & 36.494 & 26.035 & 56.8127.550 & 35.460 & 27.705 \\ \hline 46 & 36.616 & 27.844 & 36.494 & 26.603 & 57.162 & 36.249 & 28.320 \\ \hline 47 & 37.412 & 28.445 & 37.288 & 28.612 & 37.162 & 86.772 & 39.66 & 37.825 & 29.552 \\ \hline 49 & 30.004 & 29.659 & 38.874 & 29.829 & 38.744 & 29.999 & 38.613 & 30.167 \\ \hline 50 & 39.80 & 30.265 & 39.668 & 30.438 & 19.534 & 30.401 & 39.401 & 30.783 \\ \hline 46 & W & N & S & E & W & N & S & E & W & N & S \end{array}$	29	45	22.39	6 29.							37
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	30	.248	23.00	30.			30.04				1 ~
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$											
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$				- 11				_	[]	-	·
43 34.228 26.02^{5} 134.114 26.177 34.000 26.335 33.884 $22^{5}.473$ 44 35.024 26.63^{5} 34.90^{8} 26.785 34.790 26.93^{8} 34.672 27.089 45 35.82 27.23^{5} 35.701 27.394 35.581 27.5^{5} 35.460 27.705 46 36.616 27.844 36.494 -8.003 36.372 28.162 36.249 28.320 47 37.412 28.445^{5} 37.288 28.612 37.162 28.774 37.037 28.936 45 38.208 29.054^{5} 38.874 29.829 38.744 29.999 38.613 30.167 39.004 29.659 38.874 29.829 38.744 29.999 38.613 30.407 40 30.625 39.665 30.438 39.534 30.401 39.401 30.783 49 39.004 29.659 38.681 29.829 38.744 29.999 38.613 30.407 40 39.802 39.653 39.668 30.438 39.534 30.611 39.401 30.783 40 39.802 30.902 552 39 688 30.438 39.534 30.401 39.401 30.783 40 39.802 30.902 80 30.808 30.808 30.808 30.932 30.611 39.401 30.783 40 30.802 30.802 30.902 30.808 30.808 30.808 30.932 30.904 30.904 30.904 30.783 30.401 30.783	33	.43	25.42	2 33.							
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	34	.22	3 26.02	8 34	114	26.177	34.00		33.884	1 26.473	43
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	35	.02	25 63	34.							44
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	35	.820	27.23	0 35.	_			-	11	and the second se	
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	36	.61	27.84	4 36.	494	-8.003	36.37				
49 39.004 29.659 38.874 29.829 38.744 20.999 38.613 30.167 50 39.800 30.265 39 668 30.438 19.534 30.611 39.401 30.783 50 4 W N S JE W N S	37	.41	20.44	5137	288	20 23	37.16				
5039.8c030.2653966830.43819.53430.61139.40130.783	30	.00	120.60	3 28	874	29.820	38.74	4 29.000			49
E. W.N. S. E. W.N. S. F. W.N. S. E. W.N. S.	39	.80	30.26				39.53	430.611	39.40		
5 45 Min. 30 Min. 15 Min. 0 Min.	-	_	-	- 1	-	-		_1			
		45	Min,	-11	10]		15		1 0	Min.	Dift
52 Degrees.				1	·						

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1	5	37 Degrees.		38 Degrees.	1
DiA	15 Min.	30 Min.	45 Min.	o Min.	Dift.
	N. S.E. W.	N. S.E. W.	N. S. E. W.	N. S.E. W.	
51	40.596 30.870	40.461 31.047	40.325 31.223	40.189 31.399	51
52	41.392 31.475	41.254 31.65t	41.116 31.835	40.977 32.014	52
53	42.188 32.081	42.048 32.264	41-907 32.448	41.705 32.630	53
54	42.984 32.686	42.841 32.873	42.697 33.060	42.553 33.240	54
			43.48\$ 33.672		55
56	44.576 33.896	44.428 34.091	44.279 34.284		5
57	45.372 34.502	45.221 34.699	45.06934.896	44.917 35.093	5
58	40.108 35.107	40.01435.308	45.860 35.509	45.705 35.708	5
59	40.904 35.712	40.000 35.917	46.651 36.121 47.441 36.733	46.493 36.324 47.281 36.940	59
-					
			48.232 37.345		61
			49.023 37.957		62
03	50.14030.134	50 776 28 061	49.81338.570 50.60439.182	10.045 30.707	6
64	151.740 39.344	51.568 20.560	51.395 39.794	51 221 40.018	6
-					
	52.53639.949	52.30140.178	52.186 40.406	52.009 40.034	6
	53.332 40.555	52 048 41 206	52.97641.019 53.76741.631	52.79741.249	6
		54.741 42.005	54-558 42.243	54.272 42.481	6
	55.72042.371		55+348 42.855	55.161 43.096	7
	56.516 42.976			55.949 43.712	
	57.31243.581		56.93044.080		
	58.108 44.186		57.720 44.692		7
74	58.904 44.792	58.708 45.048	58.51145.304	58.313 45.559	7
75	59.700 45-397	59.501 45.657	59.302 45.916	59.101 46.175	17
	60.496 46.002		60.092 46. 528		
77	61.20246.608	61.088 46.875	60.883 47.141	60.677 47.406	
78	62.088 47.213	161.882 47.483	01.074 47.753	61.465 48.022	7
79	62.884 47.818	62.675 48.092	62.465 48.365	62.253 48.637	7
80	63.680 48.424	63.468 48.701	63.255 48.977	63.041 49.253	8
81	64.476 49.029	64.262 49.310	64.046 49.590	63.829 49.869	8
82	2 65.272 49.634	65.055 49.918	64.837 50.202	64.617 50.484	8
83	66.068 50.239	65.848 50.527	65.627 50.814 66.418 51.426	65.405 51.100	8
84	1 66.864 50.845	66.642 51.136	66.418 51.426	66.193 51.716	8
			67.209 52.038		8
80	6 68.456 52.055	68.228 52.353	67.999 52.651 68.790 53.263	67.769 52.947	8
8;	69.252 52.661	69.022 52.962	68.790 53.263	68.557 53.563	8
88	8 70.048 53.266	09.815 53.571	69.58153.875 70.37154.487	09.345 54.178	8
89	70.844 53.871	70.008 54.180	71 160 54.487	70.13354.794	8
99	1.040 54.470	/1.402 54.788	71.162 55.100	10.92155.409	9
91	72.43655.082	72.195 55.397	71.953 55.712 72.743 56.324	71.709 50.025	9
98	273.232 55.087	72.988 50.000	72.743 50.324	72.497 50.041	9
93	74.028 56.292	74.575 57 924	73.53456.936	74.072 67 822	9.
94	75.620157.502	75.268 57.822	75.11658.161	74.861 58.488	9
99	16.0000000	16 16 18	75 006 8 500	70 640 00 100	
90	70.41050.108	76 055 60 055	75.906 58.773	75.049 59.103	9
97	8 78 008 00 714	77 740 60 600	76.697 59.385	76.437 59.719	9
9	78.80450.024	78. 42 60.26	78.278 60.600	78.013 60.000	10
99	79.600 60.520	79 335 60.876	78.278 60.609 79.069 61.222	78.801 61.566	10
	E. W. N. S.		E. W. N. S.	E. W. N. S.	-
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	45 Min.	30 Min.	I IS Min.	H V IVIIII	170

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21	15	Min.	30	M 1.	45	Min.	ON	Min.	Dia
P-1		E. W.	N. S.	E. W.	N. S.	E. W.	N. S.	E. W.	12
1	0.785	0.614	0.783	0.623	0.780	0.626	0.777	0.624	
2	1.571	1.238		1.245					
3	2.356	1.857	2.348				2.331	1.888	3
4	3-141	2.476	3.130	2.490	3.120		3.109	2.517	4
5	3-927	3.095	3.913	3.113	3.899	3.130	3.886	3.147	1
6	4.712	3.715	4.696	3.735	4.679	3.756	4.663	3.776	1
7	5.497	4.334		4.358	5.459		5.440	4.405	2
8		4.953	0.261	4.980		5.007	6.217		
9	7.068	5.572		5.003		5.633	6.994		9
10	7.853	6.191	7.826	6.225	7.799	6.259	7.771	6.293	10
11	8.638	6.810	8.609	6.848	8.579	6.885	8.549	6.923	II
12	9.424	7.429			9-359	7.511	9,326		12
	10.209		10.174		10.138		10.103		13
	10.994				10.918	8.763	10.880	1000	14
_	11.780		11.739		11.698	9.389	11.657	9.440	15
16	12.565	9.906	12.522	9.960	12.478	10.015	12.434		16
			13.304						17
			14.087						18
			14.870						19
			15.652						20
			16.435						21
22	17-277	13.620	17.217	13.695	17.157	13.770	17.097		22
23	18.062	14.239	18.000	14.318	17.937	14.396	17.874	14.474	.23
24	18.848	14.858	18.783	14.940	18.717	15.022	18.051		24
25	19.033	15-477	19.565	15.563	19.497	15.048	19.429	15.733	25
26	20.418	16.096	20.348	16.185	20.277	16.274	20.206	16.362	26
27	21.204	16.715	21.130	16.808	21.057	16.900	20.983	16.992	27
28	21.989	17.335	21.913	17.430	21.837	17.526	21.760	17.621	28
29	22.774	17.954	22.696 23.478	18.053	22.617	18.152	22.537	18.250	29
30	23.500	18.573	23.478	18.675	23.397	18.778	23.314	18.880	30
			24.261						31
32	25.130	19.811	25.043	19.920	24.956	20.030	24.869	20.138	32
33	25.915	20.430	25.826	20.543	25.736	20.655	25.646	20.768	33
34	20.701	21.049	26.609	21.166	20.516	21.281	20.423	21.397	34
35	27.480	21.008	27.391	21.788	27.290	21.907	27.200	22.020	35
36	28.272	22.287	28.174	22.411	28.076	22.533	27.977	22.656	36
37	29.057	22.906	28.956 29.739	23.033	28.856	23.159	28.754	23.285	37
38	29.842	23.526	29.739	23.656	29.636	23.785	29.532	33.914	38
39	30.027	24.145	30.522	24.278	30.415	24.411	30.309	24.543	39
			31.304						40
41	32.198	25.383	32.087	25.523	31.975	25.663	31.863	25.802	41
42	32.983	26.002	32.870	26.146	32.755	26.289	32.640	26.431	42
43	33.769	20.021	33.652	26.768	33.535	20.915	33-417	27.061	43
44	34.554	27.240	34.435	27.391	34.315	27.541	34.194	27.090	44
			35.217						45
46	3.6. 125	28.478	36.000	28.636	35.875	28.792	35.749	28.949	46
44	26.010	20.007	26.782	20.258	26.655	20.418	36.526	29.578	47
48	37.695	29.717	37.565 38.348	29.881	37.434	30.044	37.303	30,207	48
49	38.481	30.336	38.348	30.503	38.214	30,670	38.080	30.837	49
50	39.266	30.955	39.130	31.126	38.994	31.290	30.857	31.466	50
-	E. W.	N. S.	E. W.	N. S.	E. W.	N. S.	E. W.	N. S.	-
J 1		Min.	C. CALLER	Min.	15	Min.	O M		Dift

Dift	15 Min.	38 Degrees.	45 Min.	39 Degrées. o Min.	-
A.	N. S.E. W.	N. S.E. W.	N. S.IE. W.	N. S.IE. W	HIT.
				and the second se	-
51	40.826 22.102	39.913 31.748 40.696 32.371	39.7/4 31.922	39.034 32.09	1 -
20	41.622 22.812	41.478 32.993	40.55434.540	40.412 32.725	1 -
51	42.407 33.431	42.261 33.616	42.114 22.800	11 066 22 08	- 5
55	43.192 34.050	43.043 34.238	42.894 34.426	42.742 74 612	
		43.826 34.801			
57	44.76: 35.288	14.600 35.482	41.452 25.678	43.520 35.242	5
58	45.548 35.907	44.609 35.483 45.391 36.106	45.238 76.204	45.074 26.50	5
59	40.33430.527	40.174 30.728	40.012 20.920	45.852 27.120	1 0
60	47.119 37.146	46.956 37.351	46.793 37.555	46.629 37.759	6
		47.739 37.973			
62	48.690 38.384	48.522 38.500	48.353 38.807	48.182 20.018	6
63	49-475 39.003	49.304 39.218	49.133 39.433	48.960 29.647	16
04	50.200 39.022	50.087 39.841	49.913 40.059	49.737 40.276	6
05	51.040 40.241	50.869 40.463	50.692 40.685	50.514 40.906	6
66	51.831 40.860	51.652 41.086	51.472 41.311	51.292 41.535	6
67	52.616 41.479	52.435 41.709	52.252 41.937	52.069 42.164	6
08	53.402 42.098	52.435 41.709 53.217 42.331	53.032 42.563	52.846 42.794	6
041	54.10/144./17	11 A. COULZ. 05 A	S. AI2413.100	15 3. 022142 422	6
10	54.972 43.337	54.783 43.576	54.592 43.815	54.400 44.052	
71	55.758 43.956	55-565 44-199	55.372 44.440	55.177 44.682	7
1-	50.543 44.575	150.340 44.021	50.152 45.000	\$5.95545.311	7
73	57.320 45.194	57.130 45.444	50.93245.092	50.732 45.940	7.
75	18 800 46 129	57.913 46.066 58.696 46.689	57:71140.318	57.509 40.570	1.0.0
76	50.099 +0.452	30.090 40.089	50.49140.914	30.200 47.199	7
77	59.084 47.051	59.478 47.311 60.261 47.934 61.043 48.556 61.826 49.179	59.271 47.570	59.003 47.828	7
78	61 25 148 280	61 01218 556	60.82148.190	59.840 48.458	7
79	62.040 48.008	61.826 40.170	61.61140.448	61.205 20.516	7
80	62.825 49.528	62.609 49.801	62.391 50.074	62.172 50.246	8
81	62.611 50.147	62:201150 124	62 121 50 200	62.040 50.075	8
82	64.306 50.766	63:391 50.424 64.174 51.046	63.050 51.926	62.726 51 604	8
	V. 101111100	104.950151.0000	04.720151.0720	04.507152.224	8
04	05.007 52.001	05.730 52.201	05:510 52.5781	05.2801:2.862	8
0)	00.752 52.003	00:522 52.914	00.290 53.203	00.057 53.492	8
86	67.537 53.242	67.304 53:536	67.070 53.829	66.835 54.122	8
- / 1	00. 222 53.001	100.007111.1501	07.05054.156	07.01254.751	8
20	09.10854.480	08.870154.781	08.030 55.081	03.389 451380	8
~9	09.893 55.099	09.052 55.404	09.410 55.707	69.166 56.009	8
	70.679 55.718	70:435 56.026	/0.190 50.333	69.943 56.640	9
91	71.404 50.338	71.217 56.649 72:000 57.271 72.783 57.894	70.969 56.959	70.720 57.268	91
92 93	2.249 50.957	72:000 57.271	71.74957.585	71.497 57.897	9
94	3.03457.570	73.565 58.516	2.52958.211	72.275 58:527	93
95	74.605 58.814	74.348 59.139	74.080 00 165	73.052 59.150	9.
96					9:
97	5.39-59.433	75.130 59.761	75.640.60 71.	74.000 00 415	96
	6.061 60.671	76.096 61.006	76.420 61.240	76.160.61.672	97
991	77.746 61.200	77:478 61.629	77.200 61.966	76.037 62.202	99
00	8.532 61.909	78.261 62.251	77.988 62.592	77.715 62.932	100
7	E. W. N. S.	E. W. N. S.		E. W. N. S.	1.89
51.	45 MID.	30 Min. 1	15 Min.	o Min,	Di
1.15	4) 10101	and the second second second	-)	C LILL,	5

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1			39 Deg	grees.			40 1	Degrees.	
Ö	- 15	Min.	30 N	lin.	45	Min.	0	Min.	Diff
P	N. S.	E. W.	N. S.	E. W.	N. S.	E. W.	N. 1	5.1E. W.	₽.
1-	1 0.774	0.633	0.772	0.636	0.769	0.639	0.76	_	
1		1.205	1.543	1.272	1.530	1.279	1.53		1
		1.898	2.315	1.908	2.307			-	. –
	3 2.323 4 3.098	2.531	3.086	2.544	3.075	2.558	3.00		3
	5 3.872	3.164	3.858	3.180	3 844	3.197	3.83		4
			4.630	3.816	4.613	3.837			
	6 4.640	3.796	5.401	4.453		4.476	4.59		6
	7 -5.421 8 6.195	4.429 5.062					6.19		
	9 6.970	5.694	6.945	5.725	6.920	5.755			•
	0 7.744	6.327	7.716	6.361	7.688		7.66		
-			8.488	6.997	8.457	7.034	()		
	1 8.518 2 9.293	6.960	9.259		9.226	7.673			
	2 9.293 3 10.067	7.592 8.225	10.031		9.995		9.99		
	4 10.842	8.858	10.803		10.764	8.952	10.72		
- T.	5 11.616	9.491	11.574		11.533	9.592	11.49		
	612.300			10.177		10.231		7 10.28	
	713.165	10.123	12.118	10.812	17.070			210.02	16
	8 13.939	11 280	12.880	11.440	12.820	11.610	12.78	3 10.927	17
	914.713			12.08	14.608	12.140	14.00	5 12.213	
	015.488			12.722	15.377	12.789	15.35	1 12.856	
		12 280			16.146	19.498	16.08		
	1 16.262	12.020	16.076	13.004	16.915	14.068	16.84	2 14.141	21
1 2	3 17.811	14.552	17.747	14.630	17.683	14.707	17.61	0 14.784	23
	4 18.585		18.519	15.266	18.452	15.347	18.38	5 15.427	24
	5 19.360		19.291	15.902	19.221	15.986	19.19	1 16.070	25
1 2	6 20.124	16:450	20.062	16.528	19.990	16.625	19.01	7 16.712	26
2	20.909 821.683 922.457	17.081	20.834	17.174	20.759	17.265	20.68	3 17.355	27
2	8 21.683	17.716	21.605	17.810	21.528	17.904	21.44	9 17.99	28
2	9 22.457	18.348	22.377	18.446	22.296	18.544	22.2	5 18.641	29
3	023.232	18.981	123.149	19.082	23.005	19.183	llzz.92	1119.284	30
3	1 24.006	19.614	23.920	19.718	23.834	19.823	23.74	7 19.926	31
3	2 24.781		24.692	20.354	24.603	80.462	24.51	3 20.569	32
	3 25.555		25.464	20.001	25.372	21.101	25.27	921.212	33
	426.329		26.235	21.627	26.141	21.741	26.04	5 21.855	34
3	5 27.104	22.145	27.007	22.263	20.909	22.380	29.81	2 22.498	35
3	6 27.878	22.777	27.778	22.899	27.678	23.020	27.57	8 23.140	36
3	728.653 829.427	23.410	28.550	23.535	28.447	23.659	28.34	4 23.783	37
3	8 29.427	24.043	29.322	24.171	29.216	24.299	29.11	0 24.426	38
3	930.201	24.075	30.093	24.007	29.905	24.930	29.0	0125.009	39
14	030.976	25.308	30.865	45.443	30.754	-5.578		225.712	
4	1 31.750 2 32.525 3 33.299	25.941	31.637	26.079	31.523	20.217	31.40	8 26.354	41
4	232.525	20.574	32.408	20.715	32.291	20.850	32.17	4 20.997	42
4	333.299	27.206	33.180	27.351	33.000	27.490	32.94	6 27.040	43
4	434.073	27.839	33.951	27.907	33.029	28 776	33.70	628.283	44
1+	5 34.848	28.472	34.743	20.024	34.590	20.775	34:4/	2 20.925	45
4	635.622	29.104	35.495	29.260	35.307	29.414	35.23	8 29.568	46
4	7 36.396	29.737	30.200	29.896	30.130	30.054	30.00	430.211	47
4	837.171	30.370	37.038	30.532	30.904	30.093	30.77	621 407	48
4	937.945	51.003	37.810	31.108	37.073	21 072	28 20	631.497	49
5	038.720	-							50
D	E. W.	N. S.		N. S.	É. W.	_	[]	/. N. S.	Dia
P	45 N	fin.	30	Min.		Ain.	<u>0, 1</u>	Min.	.₽
4	1			59 D	grees.			•	1

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al faire and	-	and the second data	-				and the start
	-1	39 D	egrees.	- Starting	1.1	1 40 D	egrees.
Min	- 1	301	Min.	45	Min.	Q.1	Min.
18.	W	N. S.	E. W.	N. S.	E. W.	N. S.	E. W.
- 32.		39.353	32.440	39.211	32.611	39.068	32.782
\$ 32.	901	40.124	33.076	39.980	33.251	39.834	33.425
3 33.	533	10.090	33.712	40.745	33.890	40.600	34.068
2 24	700	12.420	34.340	41.517 +2.286	34.530	41.300	34.711
26	431	43.211	26.256	43.055	35.809	42.898	35.990
e 26.	507	14.764	26.800	44.593	30.440	43.004	30.039
37.	220	45.520	37.520	+5.362	37.727	45.107	27 024
4 37.9	62	46.297	38.165	46.131	38.366	45.962	38.567
8 38.4	195	47.060	38.801	46.899	30.006	46.720	30.210
2 39.	228	47.841	39.437	47.668	39.645	47.495	39.853
7 39.8	60	48.612	40.073	48.437	40.285	48.261	40.496
1 40.4	193	49.384	40.709	49.206	40.924	49.027	41.138
				49.975			
41.7	59	50.927	41.981	50.744	42.203	50.559	42.424
				51.512			
				52.281			
43.0	57	53.242	43.889	53.050	44.121	52.857	44.352
				53.819			
				54.588			
12.5	55	56 220	45.798	55-357	40.040	55.155	40.281

i		1		39 L	Degrees.	- Secole	a la tra	1 40 1	egrees.	1
1	DiA	15	Min.		Mm.	1 15	Min.	1		0
1	Ŧ	N.S			IE. W	45 N. S		-	Min.	Dift
1		22120	- Frank				-	N. 5.	E. W.	1
1	51			39.353	32.440	39.21	32.611	39.068	32.782	51
			32.901	10.124	133.076	39.980	33.251	39.834	33.425	52
	58		33.533	10.090	33.712	40.749	33.890	40.600	34.068	53
1			34.166	112.400	34.340	141.517	34.530	41.300	34.711	54
1	55		-		34.984		35.169			55
	56	1.0 2			35.620		35.809		35.996	56
	57		36.004	43 983	30.250	13.824	36.448	43.664	36.639	
	58		36.697				37.087			58
1	59		37.330		37.529	+5.302	37.727 38.366	45.197	37.924	59
	-	1	-	11						60
	61		38.595		38.801		39.006			61
			39.228	18 610	39.437	47.008	39.645	47.495	39.853	62
1			39.860	10 284	40.073	10.437	40.285	40.201	40.490	63
1	65	50 222	41.126	19.304	41.345	49.200	40.924 41.564	49.027	41.130	64
1	66	and the second								65
1	67		41.759		41.981		42.203			66
1			42.391	52.470	42.017	51.512	42.842 43.482	51.325	43.007	67
1	60	53.433	43.657	13.242	42.880	53.000	44.121	52.8	44.252	68 69
1	70	54.208	44.289		44.525	53.810	44.761	53.622	44.000	70
1	71	54.982			45.162					
			45.555	55.557			45.400 46.040			71
		56.531		56.329		56.125	46.670	55.091	46.024	72
			46.820			\$6.894	47.318	\$6.687	47.566	73 74
		58.079		57.872		\$7.663	47.958	\$7.453	48.200	75
-		58.854			48.342		48.597		48.852	76
E	77	59.628	48.718	59.415	48.978	59.201	40.237	\$8.085	40.405	77
1	78	60.403	49.351	60.187	49.614	59.97c	49.237 49.876	59.751	50.137	78
	79		49.984		50.250	60.739	50.510	00.517	50.780	79
E	8 0	61.951	50.616	61.730	50.886	61.507	51.155	61.284	51.423	80
Г	81	62.725	51.249	62.502	51.522	62.276	51.795		52.066	81
1	82	63 500	51.882	63.273	52.158		52.434			82
3.12	83	04.270	52.510	34.045	52.704	03.814	53.073	63.582	53-351	83
	84	65.049	53.147	64.816	53.431	54.583	53.713	64.348	53.994	84
	8,5	65.823	53.78c	65.588	54.067	65.352	54.352	65.114	54.637	85
	86	56.598	54.413	56.360	54.703		54.992	55.88c	55.280	86
	87	67.372	55.045	67.131	55.339	66.889	55.631	60.646	55.923	87
		68.147	55.678	67.903	55.975		50.271	67.412	56.565	88
		68.921		68.675	56.611		56.91C	68.178		89
1	90		56.943	69.446	The second second			68.944	57.851	90
	91	70.470	57-576	70.218			58.189		58.494	91
1	92	71.244	58.209	70.989		70.733		70.476		92
	93	72.019	58.842	71.761			59.468	71.242	59.779	93
			59.474			72.271				94
	100	73:567	60.107	73.304					61.065	95
	96			74.076	01.063	73.809	61.386	73.540	61.708	96
	97	75-116	61.372	74.848	01.700	74-578	62.026	74.306	02.350	97
	ō	15.091	62.605	15.019	62.336	15.347	62 665	75.072	02.993	98
			62.638	77.162	62 600	76.884	63.304		64.279	99
-	-	and the second second	N. S.	-		E. W.				
1		CARALLAN.	Y	E. W.	Adventure of the	-		E. W.	N. S.	D
17		45	Min.	30 1	1 1 1 1 1 1	And the second	Ain.	01	vlin.	Dift.
		14.44	and the second second second	and the second s	-90-J	Degrees.	and the second states	Call States	(man the - w)	1

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1	-	Lange and the		40 Deg	rees.	and the second second		41 De	grees.	
1	Dift	15	Min.	30 N	lin.	45	Min.	ON		D
1	A.	N. 5.	E. W.	N. S.	E. W.	N. S.	E. W.	N. S.	E. W.	?
	1	0.703	0.646	0.760	0.649	0.758	0.653	0.755	0.656	
	2	1.520		1.521	1.299	1.515	1.306	1.509	1.312	2
	3		1.938	2.281	1.948	2.273	1.958	2.264	1.968	3
	4	3.053	2.584	3.042	2.598	3.030	2.611	3.019	2:624	4
-	. 5	3.816	3.231	3.802	3.247	3.788	3.2.64	3.774	3.280	5
	6	4.579	3.877	4.5.62	3.897	4.545	3.916	4.528	3.930	6
	7	5.343		5-323	4.546	5-303	4.569	5.283	4.592	7
	8		5.169	6.083	5.196	6.061	5.222	6.038	5.248	
	9	6.869	5.8.15	6.844	5.845	7.576		6.792 7.547	5.905	9
										10
71	11			8.364	7.144	8.333	7.180	8.302	7.217	11
	13		7.753		8.443			9.811	8.529	12
	14	10.685	9.046	10.646	9.092	10.606	9.139	10.5.66	9.185	
	13	11.448	9.693	1 r.406	9-742	11.363	9.791	11.321	9.841	15
	16	12.212	10.298	12.166	10.391	12.121	10.441	12.075	10.497	16
	1 17	12.975	10.984	12.927	11.041	12.879	11.097	12.830	11.153	=17
1	1 15	13.738	11.630	13.687	11.090	13.03.0	11.750	13.585	11.809	18
								14.339		
			12.922							20
	21	16.028	13.569	15.969	13.638	15.909	13.708	15.849	13.777	21
	22	16.791	14.215	10.729	14.288	10.000	14.301	16.604	14.433	22
	2	17.55	14.801	18 200	14.937	18 182	15.666	17-358	15.009	23
	12	10.310	16 152	10.010	\$6.226	18.030	16.210	18.868	16.401	24
			-					19.622		
	2	19.044	16.799	20 67	PT. 52'0	20.45	17.624	20.377	17.714	26
	2	3 21.270	18.001	21.20	18.18	21.212	18.277	21.132	18.370	28
1	1 3	22.134	18.738	22.05	18.834	21.960	18.930	21.132	19.026	20
			19.384		19.483	22.72	19.583	22.641	19.682	30
	3	1 23.660	20.030	23.57	20.133	23.48	20.236	23.396	20.338	31
	13	2 24.42	20.676	24.33	20.78:	24.24	20.888	24.15	20.994	32
	3.	3 25.18	21.322	25.09	21.43	25.000	21.54	24.90	21.650	33
ï	3	4 25.95	21.968	25.85	22.08	25.75	22.194	25.660	22.300	34
			322.614						22.96	-
	3	27.47	6 23.260	27.37	23.380	27.27	2 23.499	27.170	23.618	36
	3	28.24	3 24.552	28.13	24.030	28.030	24.15	27.924	24.930	37
-	13	0 20.76	625 100	20.6	5 25. 32	20.54	25.45	29.43	25.58	30
	14	030.62	0 25.84	30.41	6 25.97	30.30	26.110	30.18	26.24	40
		_	3 26.491	21.17	26.62	31.06	26.76	30.04	26.89	
	14	2 32.00	6 27.12-	21.02	7 27.27	31.81	8 27.41	31.69	27.55	41 42
	1 4	2'22.81	0 27.78:	1122.00	7 27.02	122.57	28.00	32.45	23.21	42
	4	433.58	2 28.420	33.45	8 28.57	033.33	3 20.72	133.20	20.00	44
	1+	5'34.34	5 29.076	34.21	8 29.22	5 34.09	0:29.37	1 33.90	2 29.52	45
	4	6 35.10	9 29.72	34.97	9 29.87	34.84	8 30.02	34.71	7 30.17	9 46
	4	7 35.87	2 30.36	35.73	930.52	4 35.60	6 30.68	35.47	130.83.	5 47
	14	8 36.63	531.01	\$ 30.49	931.17	4 30.36	331.33	30.22	31.49	1 45
	4	037.39	8121.000	0137.20	031.02	3837.12	131.90	5 36.98 37.73	134.14	1 48
	12						N. 5	E. W	N. S	
	0	E. W	IN. S		IN. S	-	and the second second	-	Min.	Dia
	Dift.	45	Min.	H 30	Min.	P 15	Min.		winn.	-17
	-	time	marine		49 1	Degrees.		Constructor	all south	-

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	T	-	11	40 Degi	rees.	18. 20.03	1	41 Deg	ees. 1	-
D	1-	15 1	1in.	30 M		45 1	Min.	O MI	the second s	Dift
7	N		E. W.	N. S.	. W		E. W	N. S.	. W.	P11
-	1 38	024	32.952	38.781	3.122	38.636	33.291	38.4903	3.459	51
5	220	681	23.508	130.54I	3.771	20.203	32.044	30.24513	4.115	52
15	3 40	0.451	34.245	40.302	4.421	40.151	34.590	40.00C 3 40.754 3	4.771	53
		.215	34.891	41.822	5.720	40.909	35.249	40.7543	5.427	54 55
5				42.583				42.264		56
	1. 1. 1. 1. 1.	2.741	36.183	43.343	37.019	42.424	37.207	43.018 3	7.305	57
1 7	84	4.267	37.475	44.104	37.008	43-939	37.860	43.773 3	8.051	58
4	04	C.0211	38.121	44.804	38.317	44.090	38.513	44.528	8.797	59
1	004	5 794	30.707	45.024	38.907	45-454	39.100	45.288		60
1	514	0.55	39.414	40.385	39.010	40.211	39.818	46.037	0.020	61 62
1	24	8.084	40.706	47.905	40.015	47.727	40.471	47.547	11.222	63
1	544	8.847	41.852	48.656	41.564	48.484	41.777	47.547	11.988	64
	55 4	9.614	41.998	49.426	42.214	49.242	42.429	49.056	12.644	65
1	66 5	0.373	42 644	50.187	42.864	49 999	43.082	49.811	43,300	66
	67 5	1.137	43.290	50.947	43.513	50.757	43.735	50.566	13.950	67 68
	68 5	2.662	43.930	52.468	44.812	52.272	41.300	51.320	45.268	69
1	705	3.426	45.229	53.228	45.461	\$3.030	45.693	52.830	45 924	70
1	711	1:180	15.87:	\$3.089	46.111	53.787	16 246	\$3.584	46. 580	71
	72 0	4.053	40.521	\$ 54.749	40.700	154-545	110.000	154-339	17.220	72
1	735	5-710	47.167	55.510	47.410	55.302	47.651	55-094 55-849	47.892	73
	74 5	7.242	18.450	\$7.030	48.700	\$6.817	48.957	56.603	49.204	75
1	775	8.769	+9.75	58.551	\$0.007	58.33	50.263	57.358	\$0.517	77
1	-810	0 622	150.20	\$159.312	10.007	150.000	0,010	158.807	51.173	1 70
	79	0.295	51.044	60.832	54.300	60.60	51.500	59.622	\$2.480	79 80
1-	8.1	51 822	2 2 2 2 1	61.502	122 600	61 26	1 - 2 8 - 4	61.132	52 141	81
	821	52.585	152.08:	2 02.3.53	152.255	162.120	0 59 526	01.886	53.797	82
1	83	63.348	53.62	63.114	53.904	62.878	\$ 54.179	62 64 1 63 396	\$4-453	83
	84	64.111	54.27-	103.874	54.554	63.63	54.832	63.396	55-109	84
	-	and the second second	a Sulle Co	6 1.63;					and the second second	-
	80	66 401	55 56	66.155	55.053	65.00	1 50.137	64.905	57.07	
1	88	67.164	1 56.85	9 66.916	57.151	66.66	6 57.44	66.414	\$7.733	
8	8.	67.928	57.50	5 67.676	57.801	67.42	3 58.000	67.169	\$8.380	89
1	90	68.691	58.15	1 08.437	58.450	08.18	1 58.74	3 07.924		1.
	91	69.45-	58.79	7 69.197	59.100	68.93	8 59.40	63.679		
	92	70.08	160.08	3 69.957 9 70.718	60.300	70.45	460.70	69.433 70.188	61.01	1 93
	0.4	71.744	100.73	6.171.470	201.04	71.21	101.25	0170.943	61,670	0 94
-	95	72.50	01.38	2172.230	01.09	71.90	962.01	2 71-097	02.32	95
81	96	73.270	0. 52.02	8 72,999	62 34	72-72	6 62.66	5 72.452	62.98	2 90
12	97	74.03.	402.07	4 73.759	0102.99	73-48	4 63.31	8 73.207 0 73.962 3 74.710	03.03	8 97
10	98	75.56	62.06	6 75 28	064.29	5 74.00	9 64.62	3 74.716	64.95	4 95 c 95
1-	100	76.32	3 64.61	2 76.04	1 64 94	5 75.75	6 65.27	6175.47	65.60	6100
	-			. E. W	N. S	-		-	N. 5	1.1
1	Sift.	45	Min.	1 10	Min.	1 15	Min.	0 1	Min.	14
14	E.	Platin.	ation and the	ing all and the second	49	Degrees.	and the second se	(and a light of the	and the second	

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	the state	10.02	41 I	Degrees.	- 1 - 1 - 1		42 De	egrees.	
Dift		din.		Mn.		Min.		lip.	Dift.
	N. S.	E. W.	N. S.	E. W.	N. S.	E. W.	N. S.	Same State	e .
1	0.752	0.659	0.74	0.663	0.746	0.666	0.743	0.669	- 1
2	1.504	1.319	1.498	1.325 1.988	1.492	1.332	1.486	1.338	2
3	3.007	2.637	2.996	2.650		1.998	2.229	2.677	34
3	3.759	3.297	3.745	3.313	3.730	3.329	3.716	3.346	5
6	4.511	3.956	4.494	3.976	4.476	3.995	4.459	4.015	6
7	5.263	4.615	5.243	4.638	5.222	4.661	5.202	4.684	78
8	6.015	5.275	5.992	5.301		5.327		5.353	
9		5.934 6.593	6.741	5.904	6.715 7.461	5.993	6.688 7.431	6.022	9
11	8.270	7.253	8.239	7.289	8.207	7.325	8.175	7.360	11
112	9.022	7.912	8.988	7.951	8.953	7.991	8.918	8.030	12
13	9.774	8.571	9.736	8.614	9.699	8.656	9.661	8.699	13
	10.526	9.231	10.483	.9.277	10.445		10.404	9.368	14
15	11.278	9.890	11.234	9.939	11.191	9.988	11.147		15
10	12.029					10.654	11.890		16
	13-533	11.868	13.481	11.927	13.420	11.986	13.377	12.044	17 18
19	14.285	12.528	14.230	12.590	14.175	12.652	14.120	12.713	19
20			14.979	13.252	14.921	13.318	14.863	13.383	20
21	15.789	13.846	15.728	13.915	15.667	13.984	15.606	14.052	21
22	16.540	14.500	10.477	14.578	10.413	14.049	17.092		22
3.1	18.044	15.824	17.975	15.903	17.905	15.981			24
25		16.484					18.579		25
26	19.548								26
27	20.300	17.802	20.222	17.891	20.144	17.979	20.005	18.067	27
29	21.052	19.121	21.720	10.216	21.626	10.211	21.551	10.405	28
30	22.555						22.294		30
31	23.307								31
	24.059	21.099	23.967	21.204	23.874	21.308	23.781	21.412	32
33	24.811	22.418	24.710	21.800	24.020	21.974	25.267	22.001	33
34	26.314	23.077	26.213	23.192	26.112	23.306	26.010	23.420	34
36	27.066	23.736	26.062	23.854	26.8:8	22.072	26.7.53	24.080	36
37	27.818	24.396	27.711	24.517	27.604	24.638	27.496	24.758	87
38	28.570	25.055	28.460	25.180	28.350	25.304	28.240	25.427	38
39	29.322	26.374	29.209	26.000	29.090	26.62	29.726	26.765	39
40	30.825								40
42	31.577	27.0031	31.450	27.020	31.334	27.967	31.212	28.103	41 42
43	32.329	28.352	32.205	28.493	32.080	28.633	31.955	28.773	43
44	33.081	29,011	32.954	29.155	32.827	29.299	32.098	29.442	44
45	33.833	and the second s		and the second second			33.442		45
46	34.585	20.980	34.452	30.401	34.319	30.031	34.185	31.440	46
1 48	36.088	31.649	35.050	31.806	135.811	31.462	35.671	32.118	47 48
40	36.840	32.308	36.699	32.468	36.557	32.628	36.414	32.787	49
50	37.592								50
D	E. W.I)	Contraction of the	E. W.	a second	E. W.	C	E. W.	-	D
.>	45 N	Ain.	30	Min.		Miu.	ON	lin.	₽.
Land	a station oper		100.72	-48 D	erces.	-		mairiel.	1

2 J

E \$5] -

F		41 Degrees.		42 Degrees.	
D	r5 Min.	30 Min.	45 Min.	o_Min.	Dia
7	N. S.E. W.	N. S.E. W.	N. S. E. W.	N. S.E. W.	71
51	38.344 33.627	38.197 33.794	38.049 33.960	37.900 34.126	51
52	39.006 34.286	38.946 34.456	38.795 34.626	38:644 34.705	52
53	139.040134.9451	39.09535.119	39.541 35.292	39.307 35.404	53
54	40.599 35.605	40.44435.781	40.287 35.958	40.130 36.133	54
-	41.351 36.264				55
56	42.103 36.923	41.942 37.107	41.77937.289	41.616 37.471	56
57	42.855 37.583 43.607 38.242	42.09037.709	42.525 37.955	42.359 38.140	57
50	44.359 38.901	44.188 20.005	44.017 30.287	43.10230.010	58
	45.110 39.561			44.589 40.148	59 60
	45.862 40.220			45.332 40.817	61
62	46.614 40.879	40.435 41.082	46.256 41.285	46.075 41.486	62
63	47.366 41.539	47.184 41.745	47.002 41.951	46.818 42.155	63
64	48.118 42.198	47.933 42.408	47.748 42.616	47.561 42.824	64
-	48.870 42.857	the second s		the second se	65
	49.621 43.517	49.431 43.733	49.240 43.948		66
07	50.373 44.176	50.180 44.395	49.986 44.614	49.791 44.832	67
6	51.125 44.836 51.877 45.495	51.678 45.721	51.478 45.046	50.534 45.501 51.277 46.170	68
70	52.629 46.154	52.427 46.383	52.224 46.612		69 70
	53.381 46.814			Contraction of the local division of the loc	
	2 54.132 47.473				71
73	54.884 48.132	54.674 48.371	54.462 48.609	54.250 48.846	73
74	155.636 48.792	55.423 49.034			74
75	56.388 49.451	56.172 49.696	55.954 49.941	55.736 50.185	75
	57.140 50.110			56.479 50.854	76
77	57.892 50.770	57.070 51.022	57.446 51.273	57.222 51.523	77
73	58.644 51.429 59.395 52.088	50.41951.004	58.192 51.939	57.905 52.192	78
80	60.147 52.748	59.916 53.010	59.685 53.271	59.452 53.530	
8			The second se	60.195 54.200	81
	2 61.651 54.066	61.414 54.335	61.177 54.602	60.028 54.860	82
8	62.403 54.726	62.163 54.997	61.923 55.268	61.681 55.538	
8.	4 03.155 5.385	02.912 55.000	62.669 55.934	62.424 56.207	84
		63.661 56.323		63.167 56.876	85
8	6 64.658 56.704 7 65.410 57.363	64.410 56.985	64.161 57.266	63.910 57.545	86
8	7 65.410 57.363	05.159 57.648	64.907 57.932	64.654 58.214	87
8	8 66.162 58.022 9 66.914 58.682	05.908 58.311	05.053 50.598	05.397 58.883	88
0	67.666 59.341	67.106 59.626	66.399 59.263 67.145 59.929	66.882 60.222	89
	68.417 60.000				.90
9	69.169 60.660	68.904 60.961	68.637 61.261	68.36961.560	91
1 0	160.02161.210	60.653 61.624	60.282 61.027	60.112 62.220	92 93
9	4 70.673 61.979 71.425 62.638	70.402 62.286	70.129 62.593	69.856 62.898	93
9	571.425 62.638	71.151 62.949	70.875 63.259	70.599 63.567	95
0	6 72.177 63.297	71.900 63.612	71.621 63.925	71.342 64.236	
1 0	72.028 63.057	72.640 64.274	72.268 64.591	72.08 \$ 64.906	97
9	8 73.680 64.616	73-398 04-937	73.114 05.250	72.828 65.575	1000
9	9 74.432 65.275	74.806 66.262	74.606 66.588	73.571.00.244	
-	E. W. N. S.	E. W.N. S.	E. W. N. S.	E. W. N. S.	100
D		30 Min.		o Min.	D.
P	45 Min.	48 De		T THE SK	12
1-	The second second second second	40 De	Freco.	and the second second	-

[86] ·

	-	-	1.17	-				the second second	
	-			Degrees.	1			egrees.	-
¥	15 M			Min	1	Min		din.	Dift.
1	NJ S.		N. S.	E. W.	N. S.	E. W.		E. W.	
12	0.74C	0.672	0.737	0.671	0.734	0.679	0.731	0.682	1
2	1.480	1.345	1.475	1.351	1.469	1.358	1.463	1.364	2
3	2.221 2.961	2.017	2.212	2.027	2.203	2.036	2.194	2.046	3
5	3.701	3.362	3.680	3 378	3.672	3.394	3.657	3 410	4
		4.034	4.424	4.054	4.406	4.073	4.388	4.092	4 5 6 7 8
6.78	5.182	4.707.	5.161	4 720	5.140	4.752	5.119	4.774	7
8		5.375	5.898	5.405	5.875	5.430	5.851	5.456	: 8
9	6.662	6.051	6.635	6.080	6.609	6.109	6.582	6.138	9
10	7.402	6.724	7.373	6.75t	7.343	6 78:	7.314	6.820	10
11	8.142	7.396	8.110	7.43	8.078	7.407	8.045	7.502	11
12	8.883	8.068	8.847	8.107	8.812	8.145	8.776 9.508	8.184 8.866	12
13 14	9.623	8.741	9.585	8.785 9.45	9.540	9-503	10.239	9.548	13
15	11.103	10.086	11.059	10.134	11.015	10.182		10.230	15
16	11.843	10.758	11.796	10.800	11.749	10.861	11.702		16
17	12.584			11.485		11.540		11.594	17
18	13.324		13.271	12.101	13.218			12.276	18
	14.064					12.897	13.896	12.958	19
20	14.804	13.447	14.746	13.512		13.570		13.640	20
21	15-545	14 120	15.483	14.187	15.421	14.255		14.322	21
22		14.792		14.863		14-934		15.00.4	22
23	17.025	15 464 16.137		15.539		15.612 16.291		16.368	23
25	18.505	16.809	18.432	16.890		16.970		17.050	25
26	COLUMN TO THE OWNER	17.482					and the second second	17.732	26
27		18.154	19.906	18.241	19.092	18.328		18.414	27
28	20.726	18 826	20.644	18.917	20.561	19.006	20.478	19.096	28
		19.499	21.381	19 592	21.295	19.685		19.778	24
30	22 206	20.171		-	22.030		21.941		39
31			22.856	20 943		21.043		21.142	31
32	23.087	21 516	23.593	21.019	23.498	21.722		21.824	32
33		22.188 22.86c	24.330	22.97	24.453	23 079		22.506	33 34
35		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	25.805	23.646		23.758		23.870	35
36	1.000			24.321		24.437		24.552	36
37		24.878				25,116	27.060	25.234	37
38	28.128	25.550	28.017	25 672	27.904	25.794	27.791	25.916	38
39	28.869	26.222				26.473		26.598	39
40	T States	-	29.491			27.152		27.280	40
41	39.349	27.567	30.228	27.699	30.107			27.962	41
42	31.089	28.239	30.966	20.375	30.842	28.510		28.644	42
43	32.670	28.912	31.703					30.008	-43
44		30.257	33.177	30 401		30.546		30.690	44 45
46	The second	30.929		31.077		31.225		31.372	46
40	34.790	31.601	34.652	31.759	34-513	31.904		32.054	47
48	35-530	32.274	35.389	32.428	35.247	32.582	35.105	32.736	47
49	36.271	32.946	36.127	33.104	35.982	33.261	35.836	33.418	49
50		and the second se				:33.940	the second second	34.100	50
D	E. W.	IN. S.		and the second	•. W.	and the second	- Margarette States	N. S.	D
Dia.	45	Min.	30 1	and the state of the	15 Degrees.	Min.	0.1	Min.	Dift.
1	1					and a state of the	a distance of a con	and all all all all all all all all all al	1

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1	the part of the second second	42 Degrees.	Survey a construction	43 Degrees.	
Dia	15 Min.	30 Min.	45 Min.	o Min.	Dift.
17	N. S.E. W.	N. S.E. W.	N. S.E. W.	N. S.JE. W.	A.
51	37.751 34.291	37.601 34.455	37.450 34.619	37.299 34.782	51
52	38.491 34.963	38.338 35.131	38.185 35.298 38.919 35.976	38.03035.464	52
53	39.232 35.635	39.076 35.806	38.919 35.976	38.762 36.146	53
54	39.972 30.308	39.813 30.482	39.653 36.655	39.493 36.828	54
55	40./1230.900	40.550 37.157	40.388 37.334		55
50	41.452 37.053	41.288 37.833	41.122 38.013	40.956 38.192	56
1 28	42.039 28.007	42.762 30.509	41.856 38.692 42.591 39.370	41.007 38.874	57
1 20	43.673 39.670	43.499 39.860	43.325 40.049	43.150 40.228	58 59
60	44.413 40.342	44.237 40.535	44.059 40.728	43.881 40.920	60
61	45.153 41.014	44.974 41.211	44.794 41.407	44.613 41.602	61
62	45.894 41.687	45.711 41.887	45.528 42.086	45.344 42.284	62
1 63	40.034 42.350	40.418 42.502	40.262 42.764	40.075 42.066	63
04	47.374 43.031	47.130 43.238	46.997 43.443	40.807 43.648	64
		47.923 43.913		47.538 44.330	65
6-	49.505444-376	48.660 44.589	40.405 44.801	48.269 45.012	66
68	50.335 45.721	50.135 45.040	49.200 45.480	49.732 46.276	67 68
69	51.075 46.393	50.872 46.616	49.934 46.158 50.668 46.837	50.463 47.058	69
70	51.815 47.066	51.609 47.291	51.403 47.516	51.195 47.740	70
		52.347 47:967		51.926 48.422	71
172	53.290 48.410	53.084 48.642	52.871 48.874	52.657 49.104	72
73	54.030 49.083	53-821 49.318	53.606 49.552	53.389 49.786	73
74	55.516 50.428	54.550 49.994	54.340 50.23 1 55.074 50.910	54.120 50.408	74
1-12	16 912 10 100	55.290 50.009	55.0/4 50.910	State of the second s	75
1 77	56.007 51.772	56.033 51.345	55.008 51.589	55.583 51.832	76
1 78	57.737 52.445	57.508 52.696	57.277 52.946	57.046 52.106	77
79	50.477 53.117	50.245 53.372	58.011 53.025	57.777.53.878	79
100	59.217 53.789	50.982 54.047	58.746 54.304	58.508 54.560	80
81	59.958 54.462	59.719 54.723	59.480 54.983	59-240 55.242	81
82	60.698 55.134	00.457 55.398	60.214 55.662	59-971 55-924	82
84	62 1784 6 470	61 021 56 750	60.214 55.662 60.949 56.340 61.683 57.019	60.702 50.606	83
85	62.919 57.151	62.660 57.425	62.417 57.698	62.165 57.205	84 85
		63.406 58.101		62.896 58.652	
87	64.200 58.406	04. 143 58.776	63.886 50.056	62.628 50.224	86 87
88	65.139 59.168	64.880 59.452	64.620 59.734 65.355 60.413	64.359 60.016	88
89	65.879 59.841	65.618 60.128	65.355 60.413	65.091 60.698	89
90	00.620 00.513	00.355 00.803	66.089 61.092	65.822 61.380	90
91	67.360 61.185	67.092 61.479	66.823 61.771	66.553 62.062	91
92	68 840 62 530	68 567 62 820	67.558 62.450	07.285 02.744	92
94	69.580.62.202	69.304 62.000	68.292 63.128 69.026 63.807	68.747 64.108	93
95	70.321 63.875	70.041 64.181	69.761 64.486	69.479 64.790	94 95
96	71.061:64.547	70.779 64.857	70.400 65.165	70.210 65.472	96
97	71.801 65.220	71.516 65.532	71.229 65.844	70.941 66.154	97
98	72.541 65.892	72.253 66.208	71.964 66.522	71.673 66.836	98
	73.282 66.564	72.990 66.883	72.098 67.201	72.404 67.518	99
-	74.022 67.237	E W IN	73.432 67.880	and the second s	100
D	E. W.IN. S.	E. W.IN. S.	E. W. N. S.	E. W.IN. S.	0
17	45 Min.	30 Min.	15 Min.	o Min.	F
-		47 D	egrees.	A mapping and a second	

	- A.	43 De	grees.		104	1 44 D	grees.	1
D	15 Min.		Mm.	45 N	Ain.		Min.	D.It.
2	N. S.E. W		16. W.	N. S.	E. W.	N. S.	E. W.	.7
1	0.728 0.68	0.725	0.688	0.722	0.692	0.719	0.695	
2			1.377	1.445	1.383	1.439	1.389	2
3	2.185 2.05			2.167	2.075	2.158	2.084	3
4	2.913 2.74			2.889	2.766	2.877	2.779 3.473	4
5	3.642 3.42	-	3.442	3.612	3.458	3.597 4.316	4.168	+5
6			4.130	4.334	4.149	5.035	4.863	6
78	5.099 4.79 5.827 5.48	6 5.078 1 5.803	5.507	5.057			5.557	78
9	1 2 1 1 1 1	6.528	6.195	6.501	5.532 6.224	5.755 6.474	6.252	9
10		2 7.254		7.224	6.915	7.193	6.947	10
11	8.012 7.53			7.946	7.607	7.913	7.641	11
12				8.668		8.632	8.336	12
13			8.949	9.391	8.990	9.351	9.031 9.725	13 14
14			10.325	10.835	10.373	10.790	10.420	15
16		-	11.014		11.064	11.509	11.115	16
17			11.702	12.280	11.756	12.229	11.809	17
18	13.111 12.33	3 13.057		13.003			12.504	18
	13.839 13.01		13.079		13.139	14.387	13.199	19
20		-11	13.767					20
21	15.296 14.38	9 15.233	14.455 15.144		14.522		14.588 15.282	21
	16.02415.07		15.832	16.614		16.545		23
				17.337	16.596	17.264	16.672	24
25		1 0		18.059	17.288	17.984	17.366	25
	18.938 17.81	18.860				18.703	18.061	26
27			18.586	19.504	18.671		18.756	27
				20.226		20.142 20.861		28
	21.123 19.87	1	20.601	20.949	20.745	21.580	20.840	29 30
-			_	22.393		22.300		31
	22.579 21.24	6 23.212	22.027	23.116	22:128	23.019		32
	24.036 22.61	1 23.937	22.716	23.838	22.820	23.738	22.924	33
34		6 24.663		24.560		24.458	-	34
35	25.493 23.98			25.283		25.177		35
36		7 26.113	24.781	26.005	24.894	25.890	25.0.8	.36
37			26.157	26.727 27.450	26.277	20.010		37
20	27.678 26.03	2 28.200	26.846	28.172	26.969	28.054		39
40					27.661	28.774		40
41	a x62 28.00	2 29.740	28.223	29.617	28.352		28.481	41
42	20. 001 28.77	8 30.466	28.911	30.339	29.044	30.212		.42
43	21.220 20.46	31.191	29.599	31.002	29.735	30.932 31.651		43
44	32.048 30.14	31.916	30.288	31.704	31.118		31.260	44
100	32.777 30.83	34.042	2. 66	10 200	21 810		31.954	46
40	33.505 31.51	33.307	32.212	38.229	32.501	33.809		47
48	24.062 32.88	124.818	13.041	34.073	33-1931	34.528	33.344	48
49	35.690 33.57	1 35.543	33.729	35-396	33.884	35.248		49
50	35.690 33.57 36.418 34.25	36.269	34.418	36.118	34.576		34.733	50
2.1	E. W.IN. S	E. W.	N. S.	E. W.	N. S.	E. W.	N. S.	Đ
Dift.	45 Min.	1 30	Min.	1, 15 1	Min.	OM	10	Dift.
de la	CONTRACTOR OF THE REAL	Participantes	46	Degrees	an an allowing	100 x 10		

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1	1	43 Degrees			خ			
U	15 Min.	30 Min.	45 Min.	44 Degrees.				
Dift.	N. SIE. W.	N. S.E. W.		9 Min.	D.			
1-				N. S.E. W.	•			
5	37 47 34 944	36.994 35.106 37.715 35.794 38.446 16 48-	30.841 35.267	36.68635.428	51			
5	2 3/.0/5 33.030	37.71535.794	37.505 35.959	37.40636.122	52			
5	1 10: 222 27.000	38.445 36.48 39.170 37.171	30.285 30.050	38.12536.817	53			
5	40.060 37.68	39.89637,86c	39.73° 38.033	38:84437.512	54			
	640.789 38.370	40 622 08	391/30 30.033	39.564 38.206	.55			
1 2	11.617 20.000	40.621 38.512	40.452 38.725	40.283 38.901	56			
e e	42.245 39.741	41.34639.236 42.07239.925	41.1/5 39.410	41.002 39.596	-57			
5	12.974 10.426	42.79740.613	42.616 40.700	41.72240.290				
6			43.342 41.491	43.160 41.679	5 9 60			
6	144.43141.796			43.880 42.374				
	45.159 42.481	14.07342.678	H44.7X7142.K7A	11. 100 10 06.	61 62			
6	3 45.887 43.167	45.69943.366	45.509 43.56;	4(.21842.762	63			
	4 46.616 43.852	46.494 44.055	46.231 44.257	46.038 44.4 8	64			
6	5 <u>47.344</u> 44.537	47.149 44.743	46.954 44.948	46.757 45.153	65			
6	6 48.072 45.222	+7.87545.431	47.67645.640		66			
6	748.801 45.907	48.600 46.120	48.398 46.331	18.106 16. 642	67			
6		49 325 46.808	49.121 47.023	48.016 47.227	68			
	9 50.258 47.278	50.05147.496	49.843 47.714	40.671 47 021	69			
7			50.565 48.400		70			
7	1 51.714 +8.648	51.502 48.873	51.288 49.097	51.073 49.321	71			
	2 52.443 49.333		52.010 +9.789	51.79: 50.015	72			
1 7	3 53.171 50.018	52.952 50.25C	52.733 50.480	51.79: 50.015 52.512 50.710	73			
17	5 54.628 51.389	53.678 50.938	133-455 51-172	57.27 1 CI.40C	74			
	-		54.1//51.003	53.95 52.099	75			
7	6 55.356 52.074	55.128 52.315	54.900 52.555	54.670 52 794	76			
	8 6.812 53.444	55.854 53.003	55.02953.247	55.389 53.489	77			
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18	2 59.726 56.185	59.481.56.445	59.224 56.704	50.207 50.207	81 82			
18	3 60.455 56.870	60.20657.133	59.95(357.306	50.705 67 667	83			
8	61.183 57.555	60.931 57.822	60.679 58.087	60.425 8.351	84			
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8	6 52.640 58.926	62.382 59.198	62.123 59.470	61.862 0 741	86			
8	7 63.368 59.611	63.10859.887	62.846 60.162	62.587 60.470	87			
8	804.097 00.200	63.83360.575	63.568 60.853	63.302 61.130	88			
8	G04.825 00.981	62.382 59.198 63.108 59.887 63.833 60.575 64.558 61.264 65.284 61.053	54.290 61.545	64.021 61.825	89			
9	C 03.553 01.000	65.284 61.952	05.013 02.230	64.741 62.519	90			
9	100.282 02.352	66.009 62.640	65.735 62.928	65.400 63.214	91			
9	107.01003.037	66.009 62.640 56.734 63.329 67.460 64.017 68.185 64.705 68.911 65.394	50.457 63.619	66.179 63.909	92			
9	68.467 64 407	68 186 64 700	07.130 04.311	06.899 64.603	93			
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a 3 10. 475 10. 495 10. 495 10. 405 10. 121 10. 33410. 192 10. 20316. 269 a 4 17. 191 16. 747 17. 118 16. 882 17. 044 116. 896 16. 971 16. 971 15. 757 17. 755 17. 758 17. 678 178 178 178 178 178 178 178 178 178 1	22	15.556	15.556	15.488	15.624	15.420	15.691	15 351	15.759	22	
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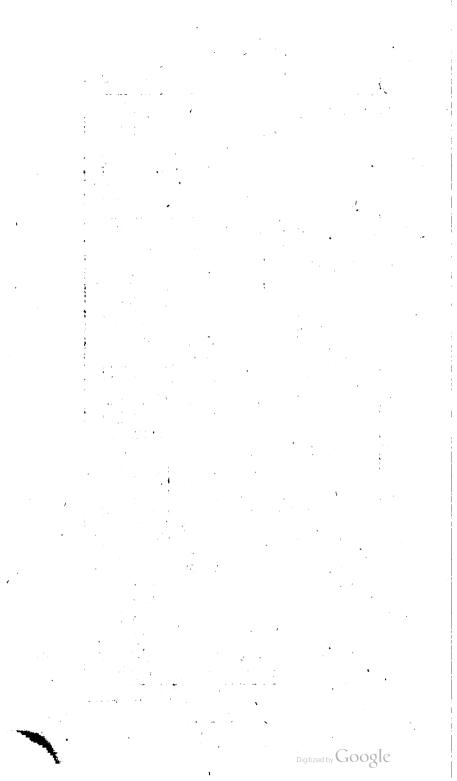
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51	36.531	35.587 36.285 36.983 37.681 38.378	36.376	35.746	36.219	35.005	36.062	26.062	51	
52	37.248	36.285	37.089	36.447	36.930	36.600	36.770	26.770	52	
53	37.964	36.983	37.802	37.148	37.640	37.313	37.477	37.477	53	
54	38.680	37.081	38.515	37.849	38.350	38.017	38.184	38.184	54	
55	39.397	30.370	39.229	30.550	39.000	38.721	38.891	38.891	55	
50	40.113	39.076 39.774 40.472 41.170 41.867	39.942	39.251	39.770	39.425	39.598	39.598	56	
57 58	40.019	39.774 40 472	40.055	40 652	40.481	40.139	40.305	40.305	57	
59	42.262	41.170	42.082	41.354	41.001	40.033	41.012	41.012	58	
60									59	
61	41.604	42. 565	42.608	42.756	42.221	42.045	42 124	42 124	60	
62	44.411	43.263	44.221	43.456	44.031	43.640	47.841	43.841	61 62	
63	45.127	43.961	44.935	44.157	44.742	44-353	44.548	44.548	63	
64	45.843	42.565 43.263 43.961 44.659	45.648	44.858	45.452	45.057	45.255	45.255	64	
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66	47.276	46.054 46.752 47.450 48.148	47.074	46.260	46.872	46.465	46.669	46.669	66	
67	47.992	40.752	47.788	40.961	47.582	47.169	47.376	4 7 .376	67	
08	40.709	47.450	40.501	4/.002	48.293	47.873	48.083	48.083	68	
70	50. IAI	48.845	40.027	49.064	49.003	40.577	40.790	46.790		
	10 8 10	10 440	27.9-7	49.004	29./13	49.201	49.49/	49.497	<u>70</u>	
71	50.057	49.543 50.241	50.041	49.705	50.423	49.985	50.205	50.205	71	
	52.200	50.939	51.354	51.166	51.183	50.000	50.912	50.912	72	
74	53.006	51.636	52.780	51.867	58.554	52.007	\$2.226	52.226	73	
75	53.723	51.636 52.334	53.494	52.568	53.264	52.801	53.033	53.033	74	
76	54.489	53.032	54.207	\$3.260	\$3.074	\$3.505	\$3.740	52.740	75	
77	55.155	53.730	54.920	53.970	54.684	54.200	54.447	54.447	76 77	
78	55.872	53 730 54 428	55.633	54.671	55.394	54.913	55.154	55.154	78	
-79	150.580	55.125	50.347	55.372	ζ0. ΙΟ <u>ς</u>	55.017	55.861	55.861	79	
	57.304	55.823	57.000	50.073	50.815	50.321	56.569	50.569	80	
81			67.773	50.774	57.525	57.025	57.276	57.276	81	
\$2 8,	50.737	57.219	50.400	57.475	50.235	57.729	\$7.983	57.983	82	
84	59 • 455 60.160	57.917 58.614	59.200	58.876	100.945	50.433	59.090	58.090	83	
85	60.886	59.312	60.626	\$9.577	60.266	50.841	60.104	59-397 60. TOA	84	
86	61.602	60.010	61.220	60.278	61.076	60 646	60 811	60 811	85	
-87	02.318	00.708	102.062	00.070	101.786	61.240	61.018	61.578	86	
00	103.095	01.400	102.700	01.080	102.400	01.052	02.225	92.224	87 88	
.09	03.751	02.103	03.470	02.381	161.206	62.657	62.022	62.022	89	
~~~	04.407	02.001	04. 192	03.082	03.917	03.361	03.040	03.04Q	90	
91	65.183	63.499	64.906	63.783	64.627	64.065	64.347	64.347	91	
92	05.000	64.107	165.610	64.484	06.927	64.760	68.0CA	65.004	92	
93 04	67 220	64.894 65.592	67 04 -	05.185	66 8 47	05.473	05.701	05.761	93	
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98	70.108	67.6 <b>86</b> 68.383	69.808	68.68	60.008	68.002	60.309	60.206	97	
99	70.014	69.081	70.612	69.200	70.208	69.607	70.004	70.004	98	
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4) Locgiecs.										

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# PLATES

#### TO THE

## GEOMETRICAL

#### AND

# GRAPHICAL ESSAYS,

#### BY THE LATE

# GEORGE ADAMS,

MATHEMATICAL INSTRUMENT MAKER TO HIS MAJESTY, &c.

### THE THIRD EDITION,

### CORRECTED AND ENLARGED BY

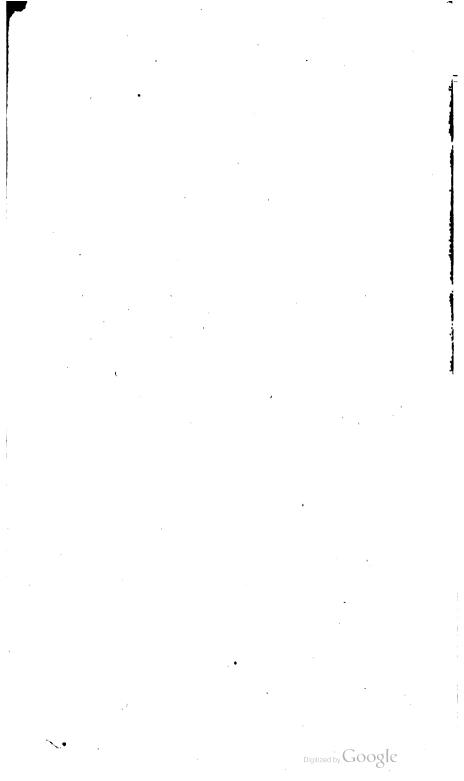
### WILLIAM JONES, F. Am. P. S.

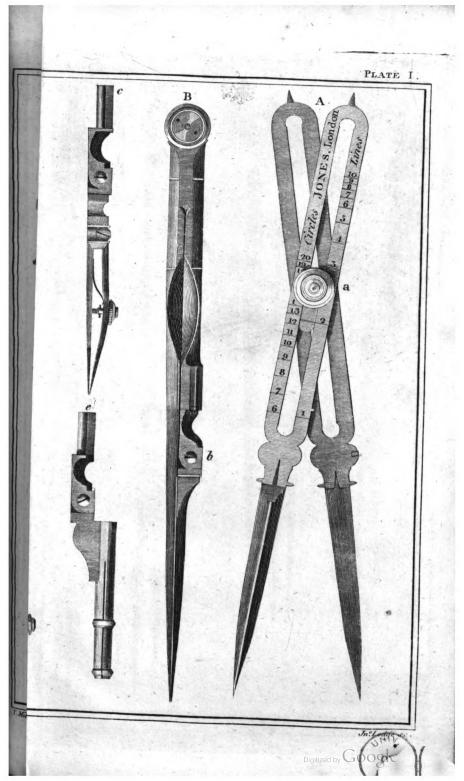
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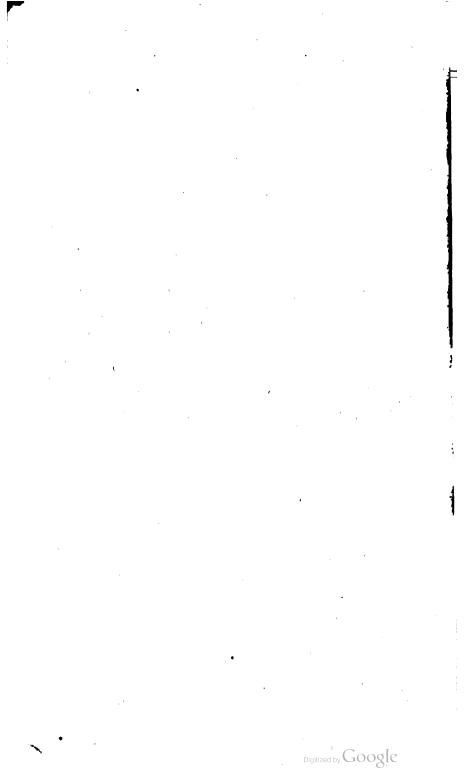
PRINTED BY W. GLENDINNING, 25, HATTON GARDEN,

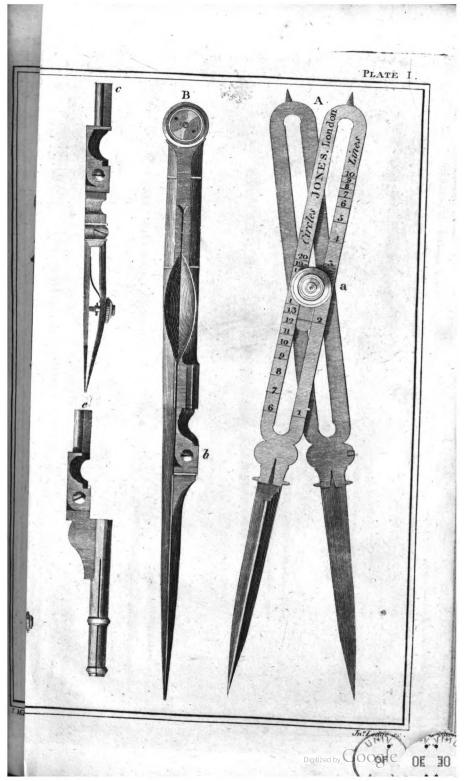
FOR, AND SOLD BY, W. AND S. JONES, OPTICIANS, HOLBORN.

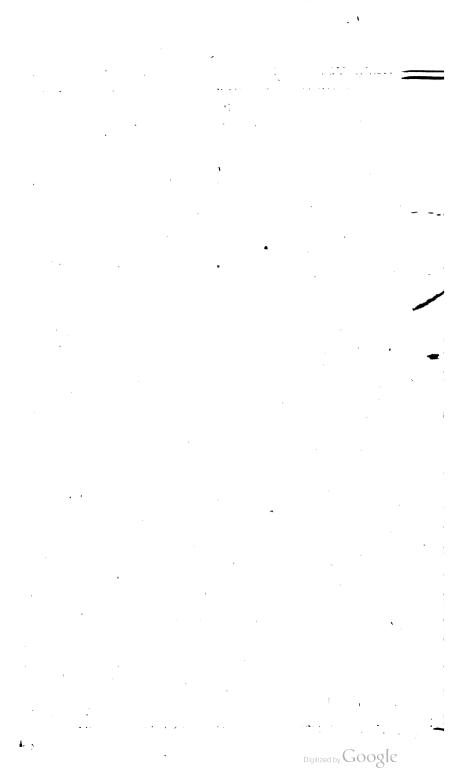
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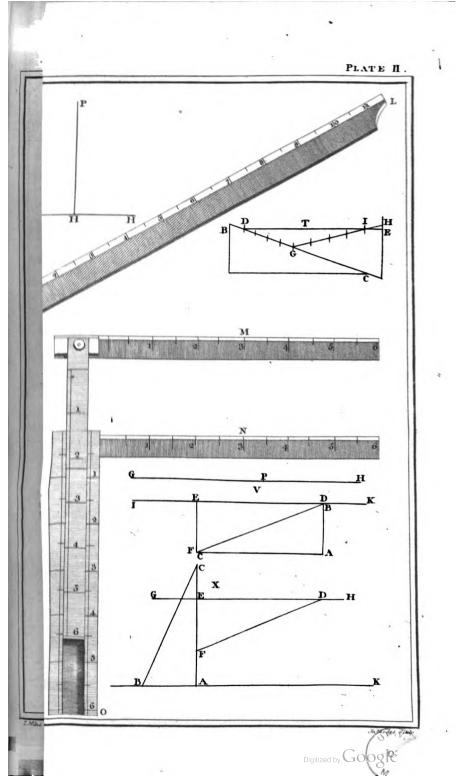


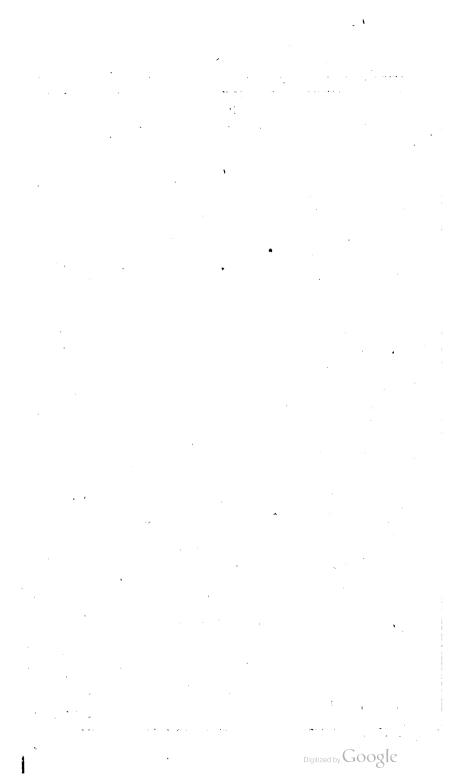


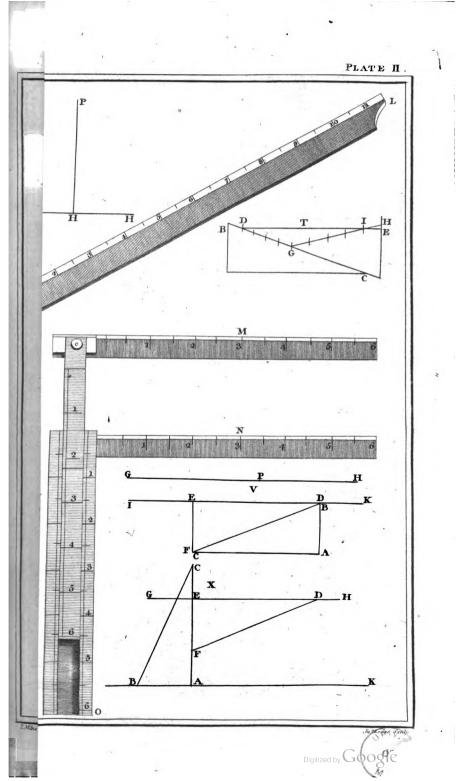


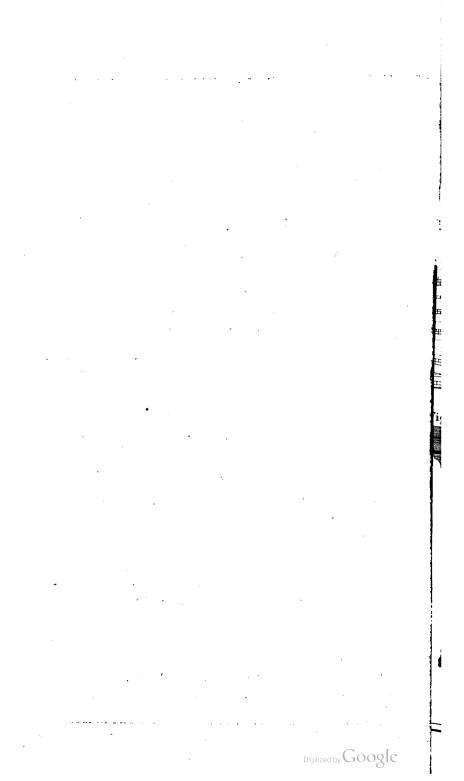


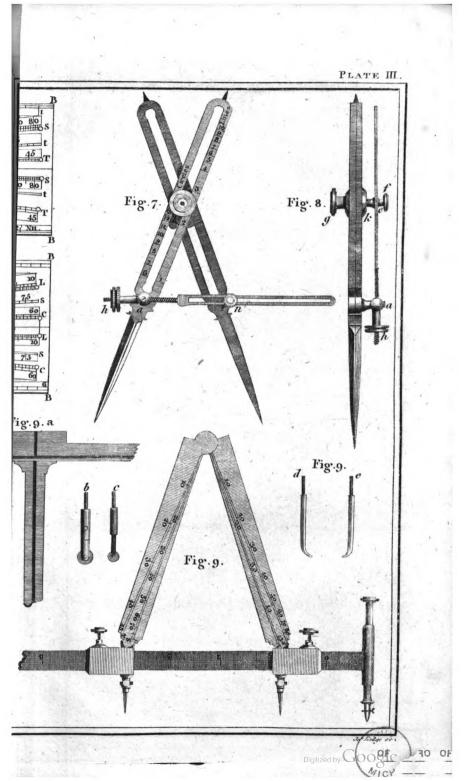






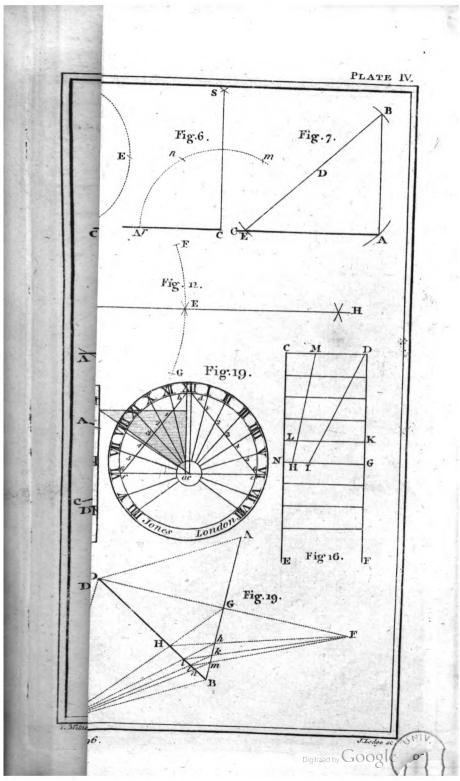






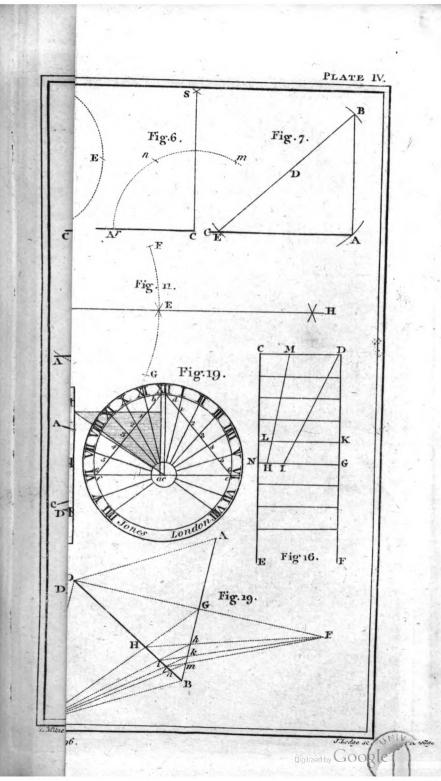
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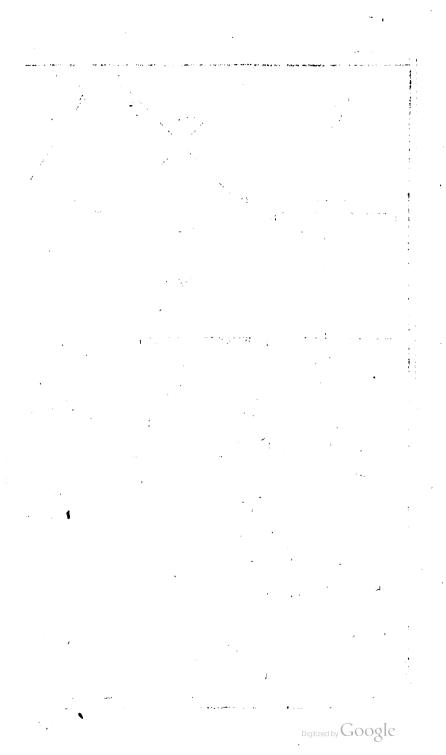
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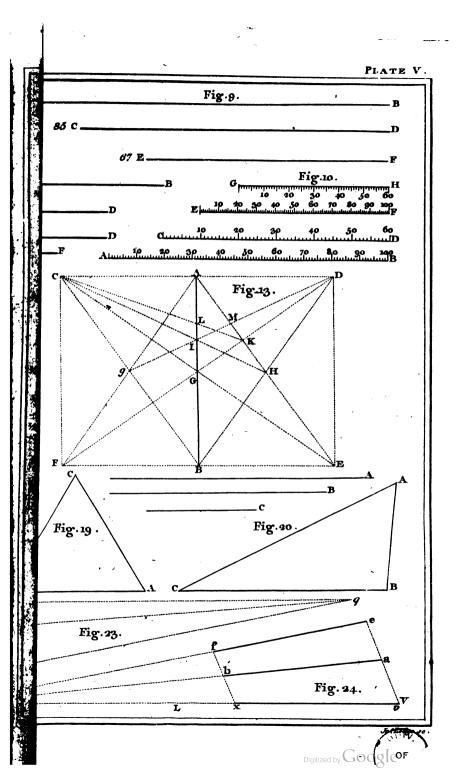


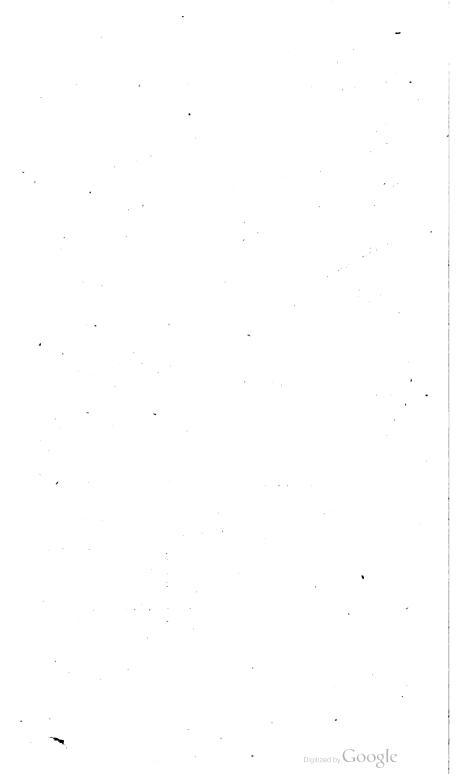
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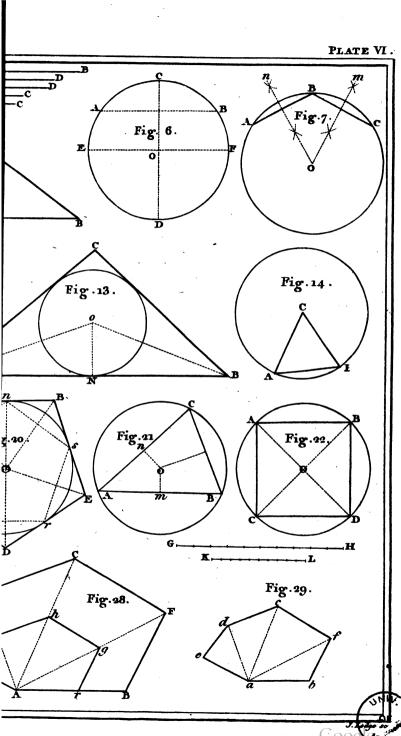
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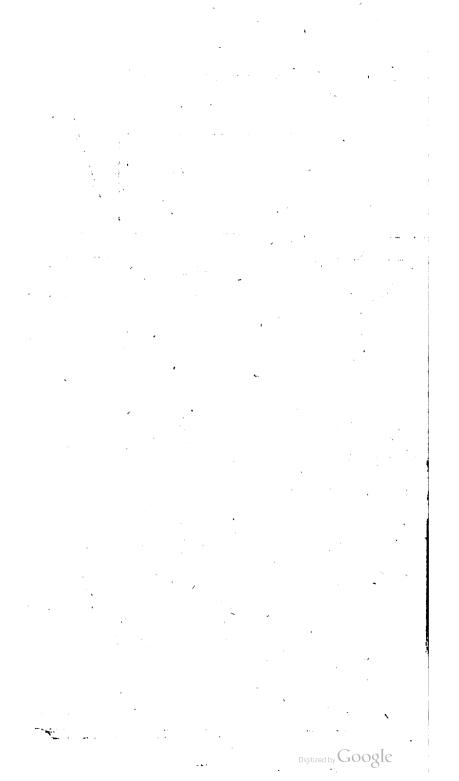


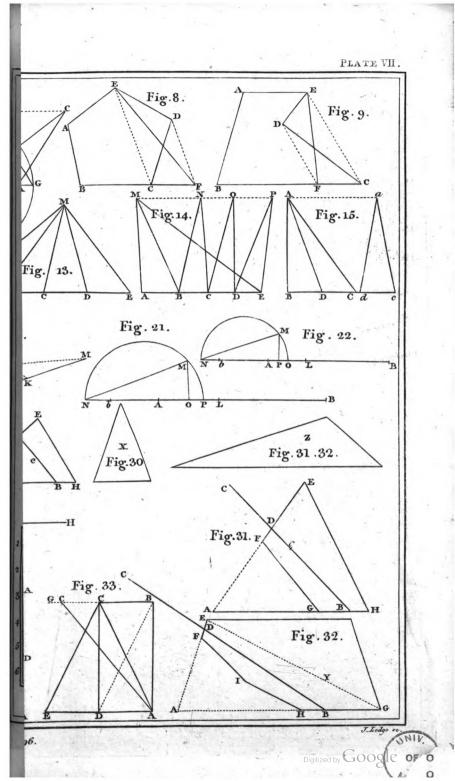






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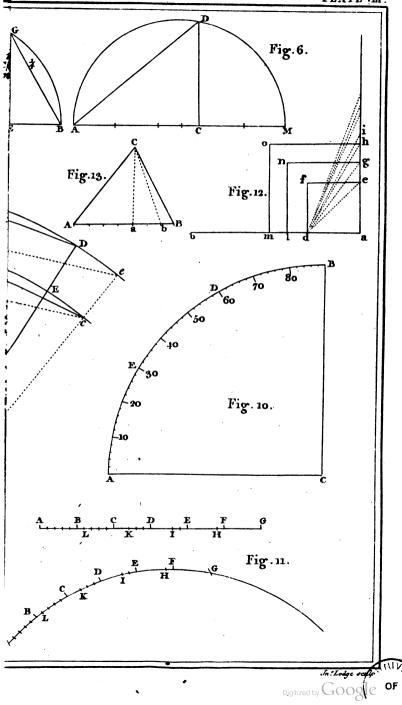


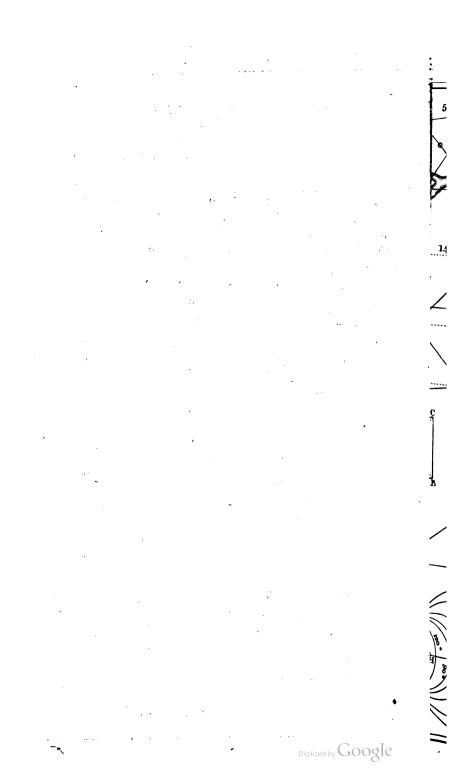
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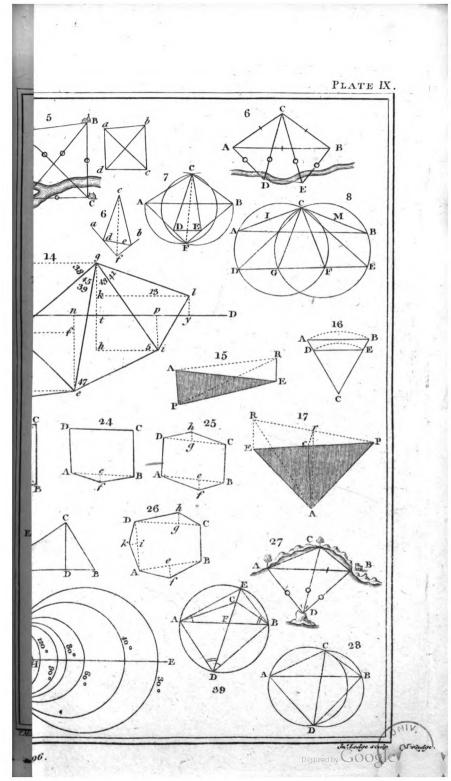
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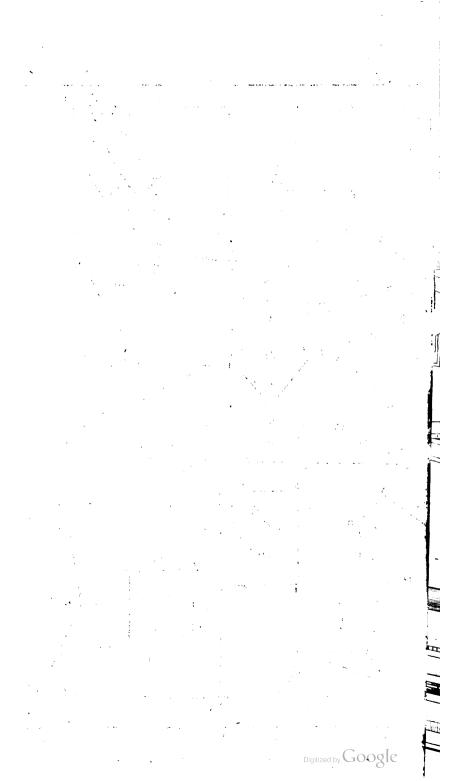
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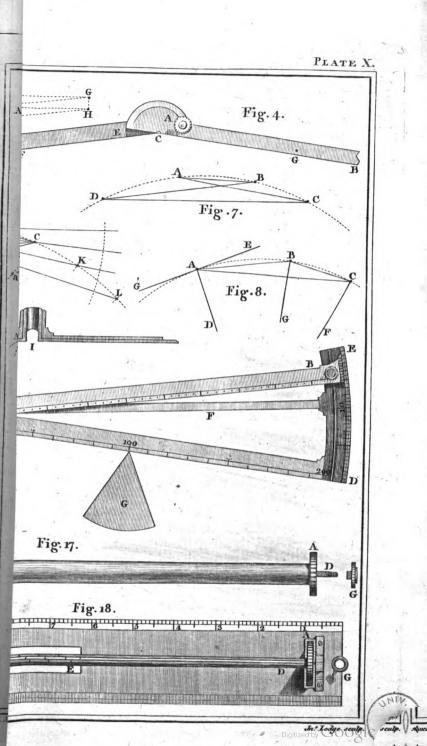




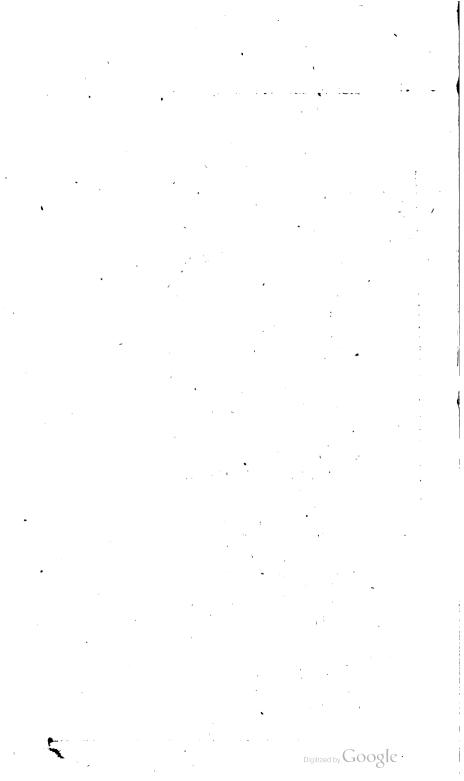


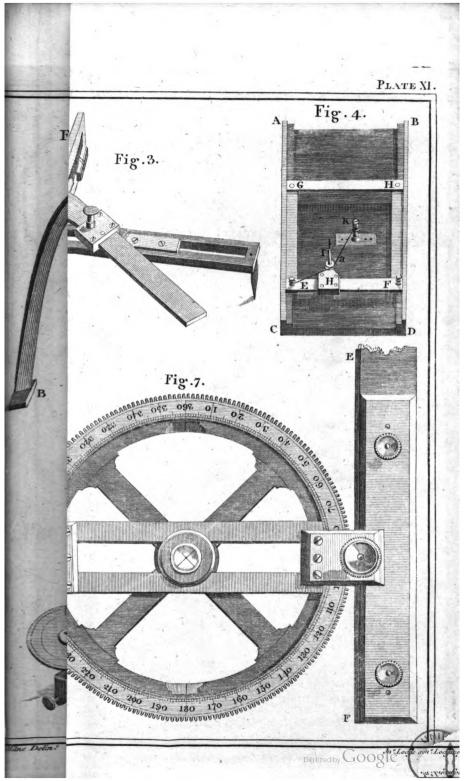


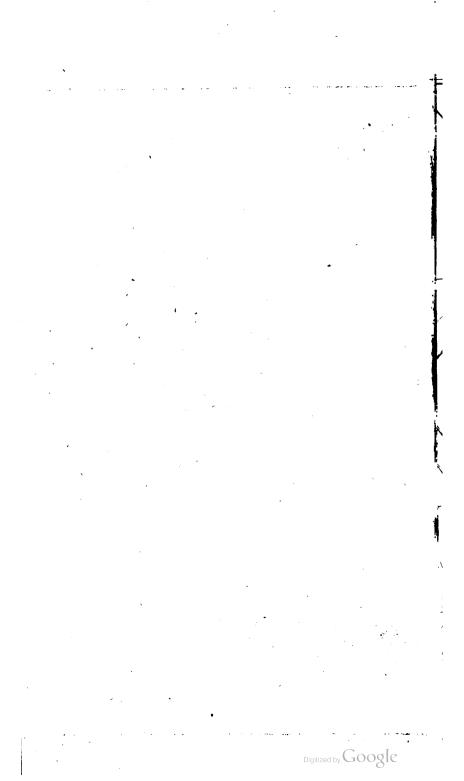


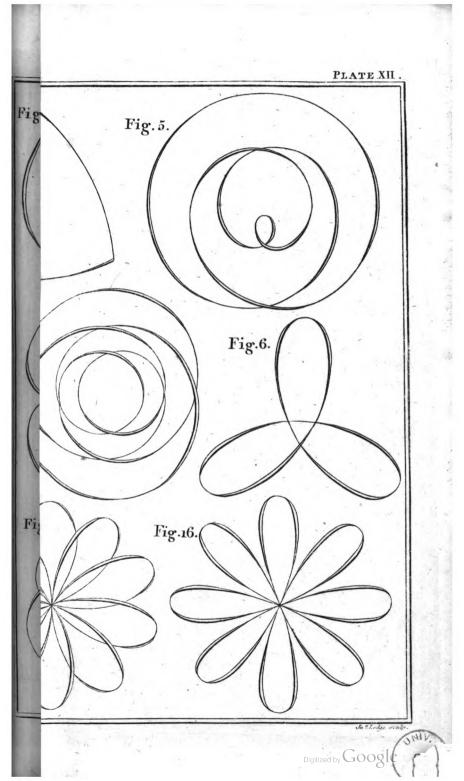


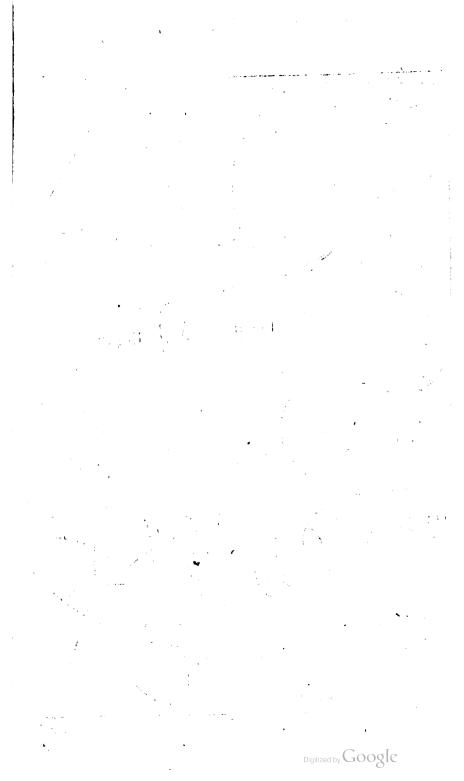
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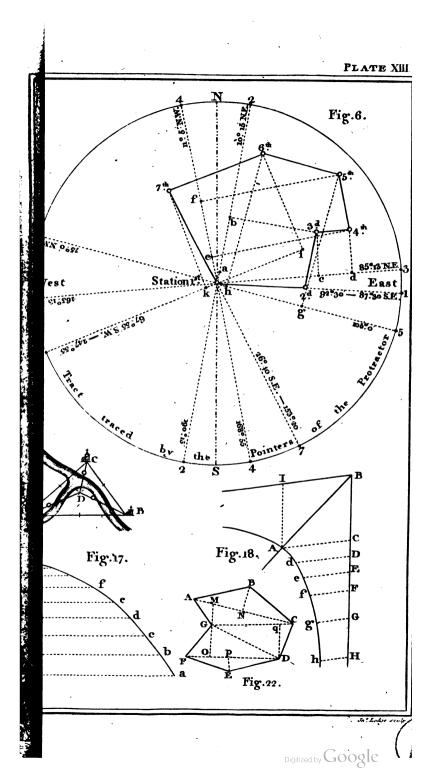




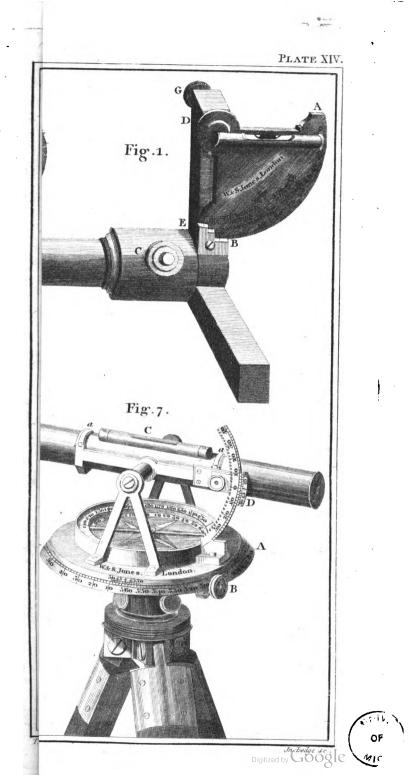


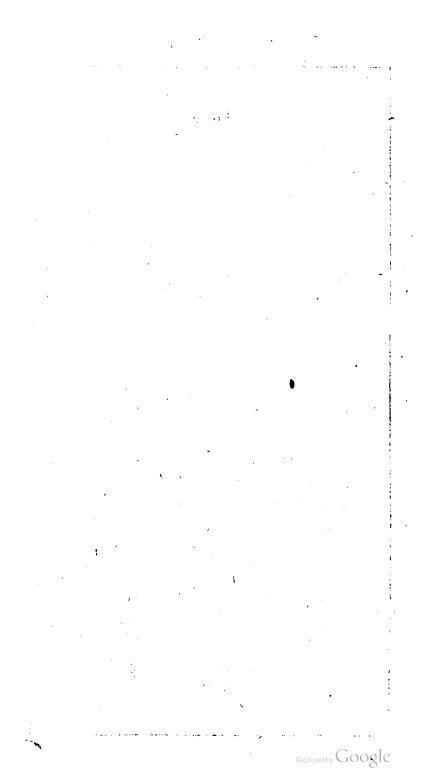


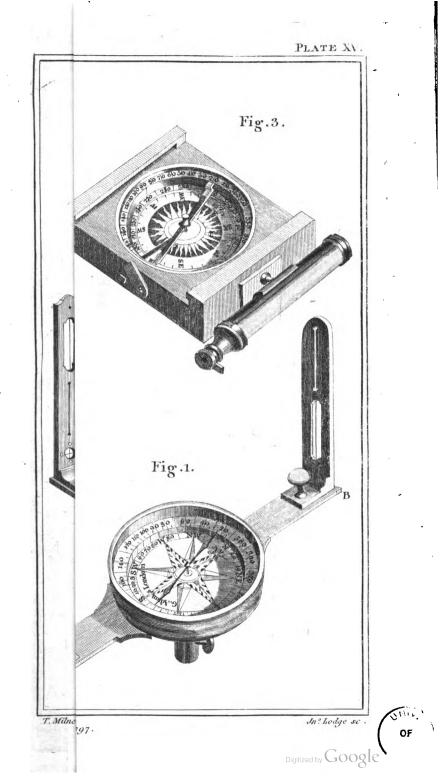


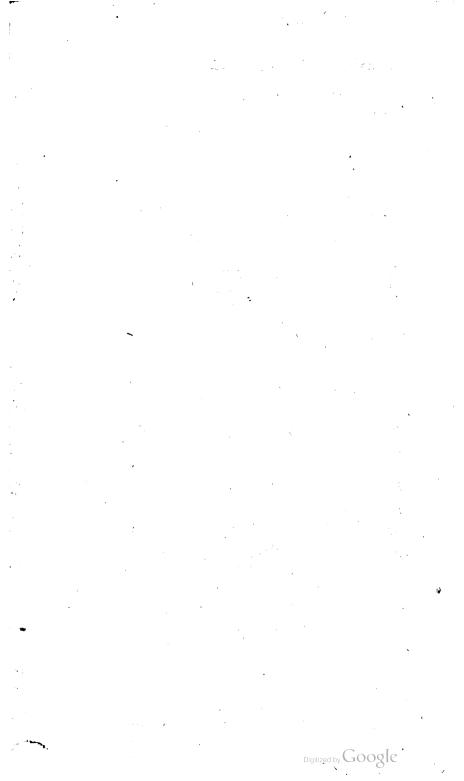


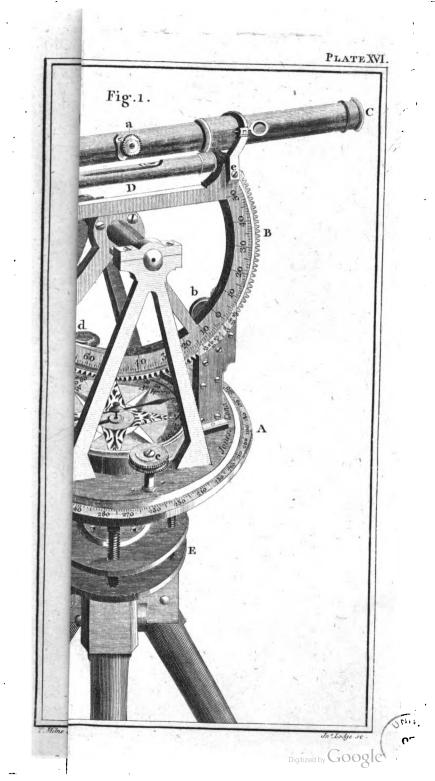


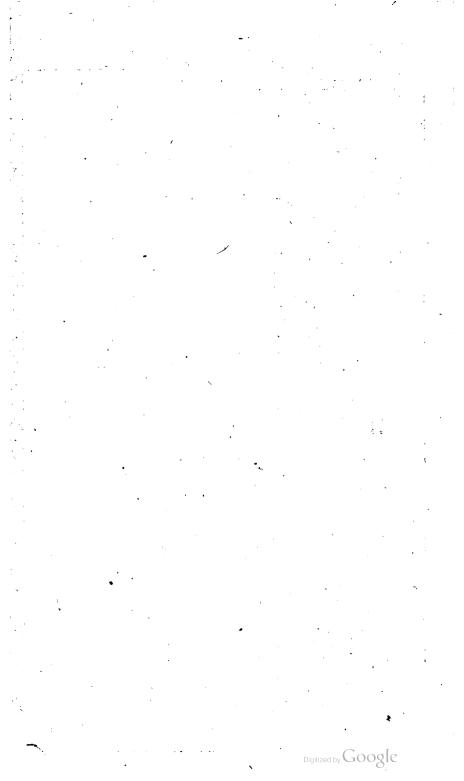


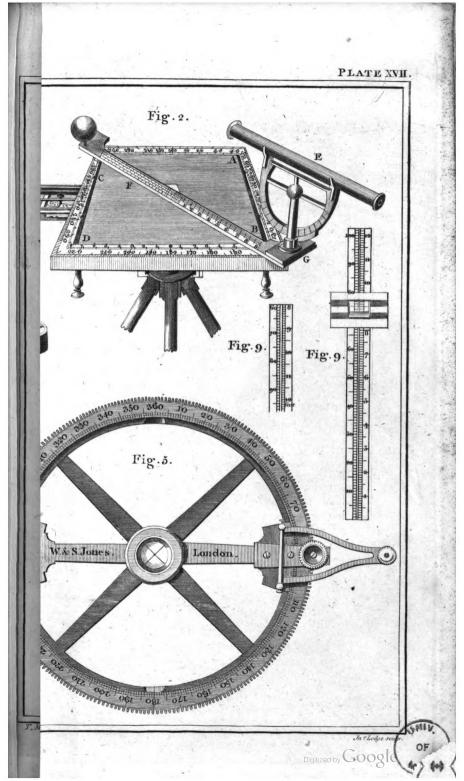


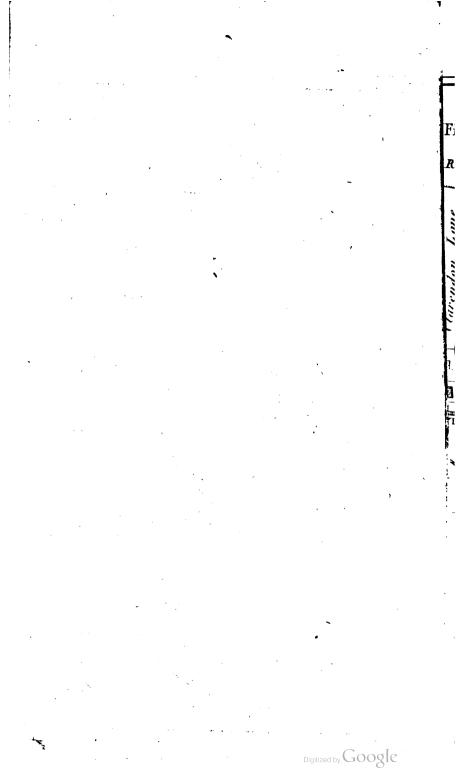


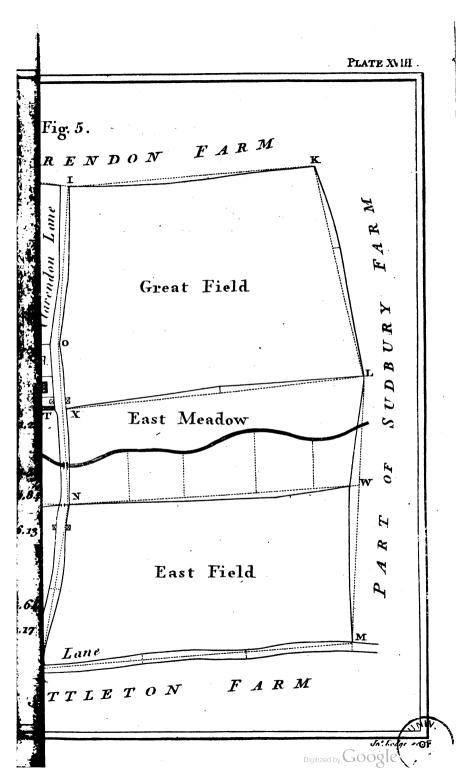






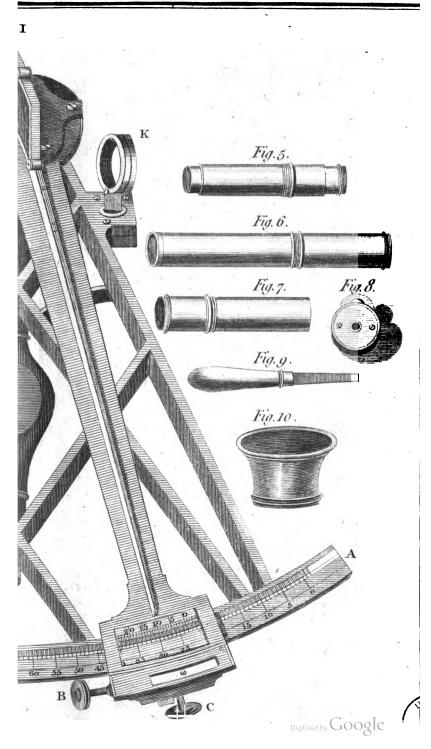




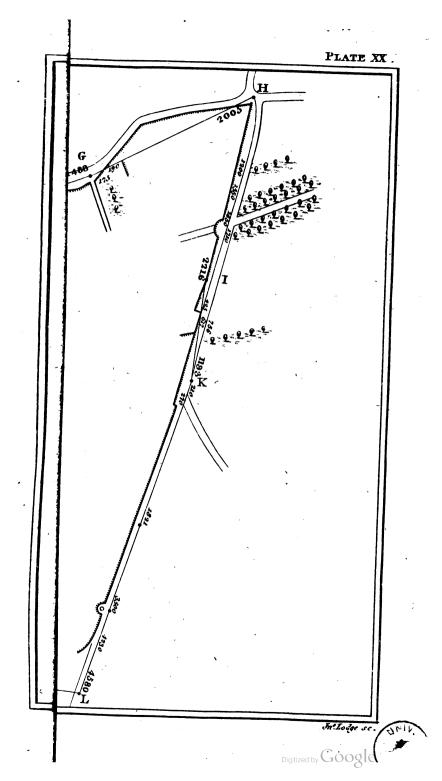




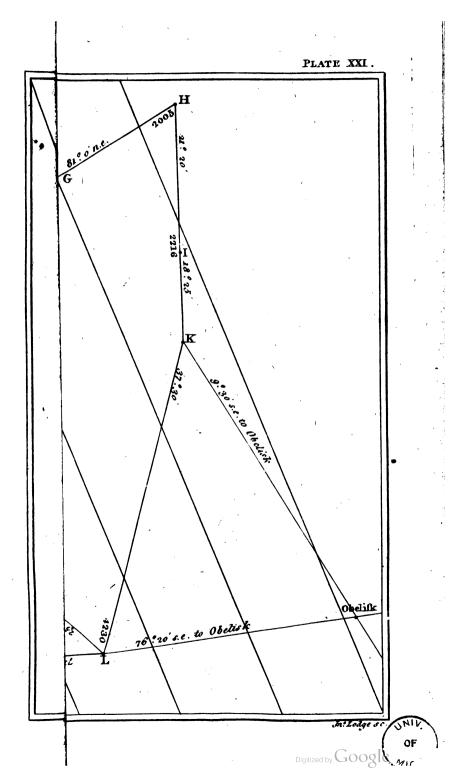
## PLATE XIX



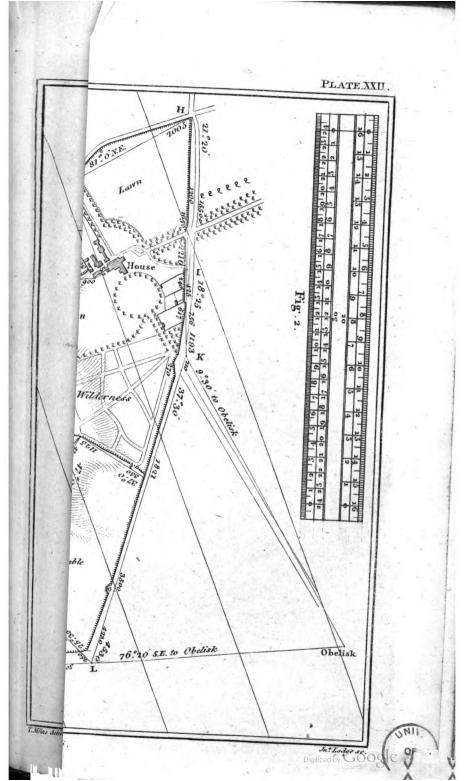


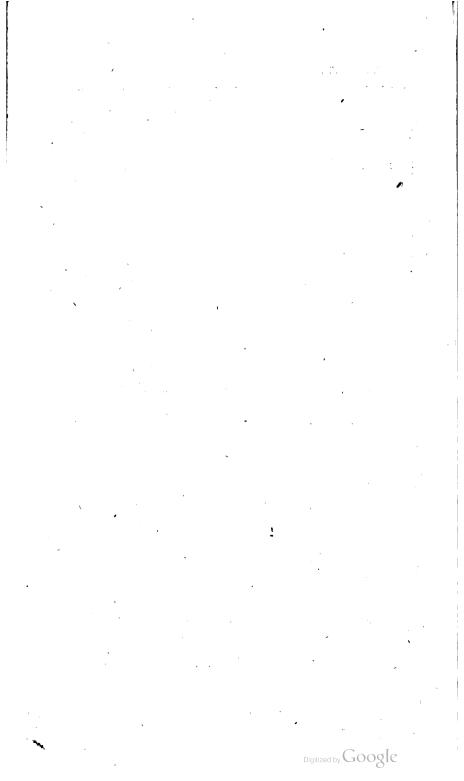


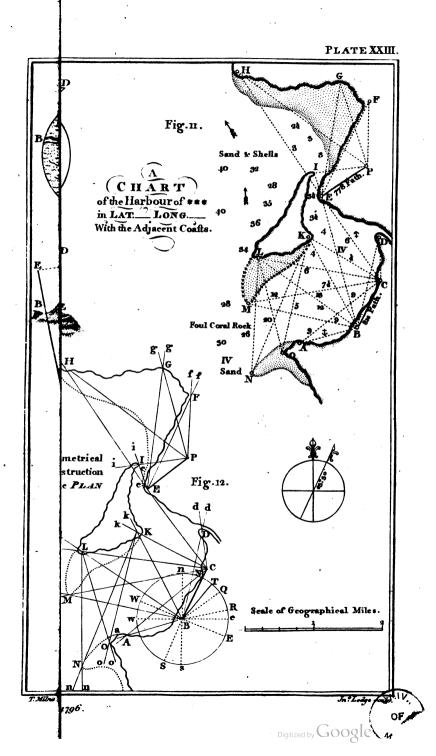


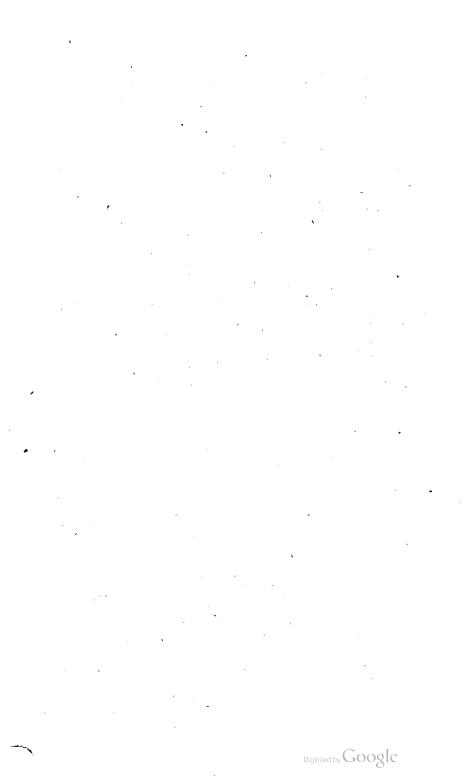


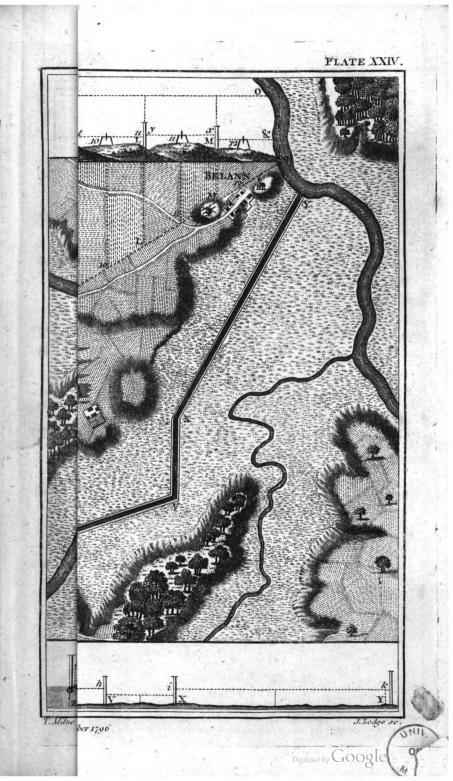


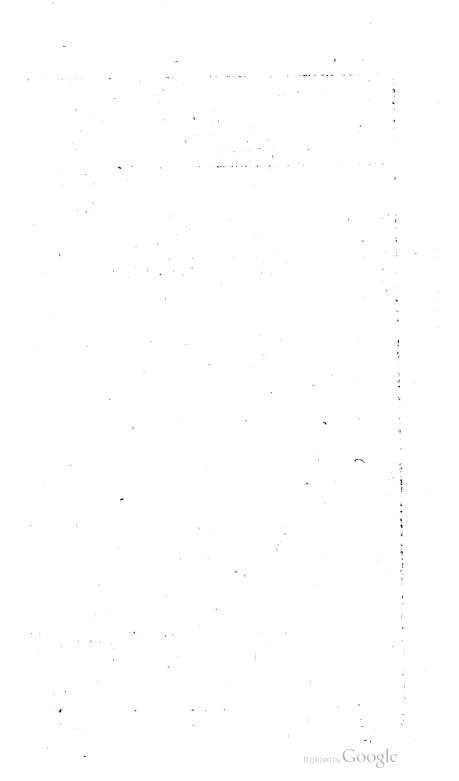


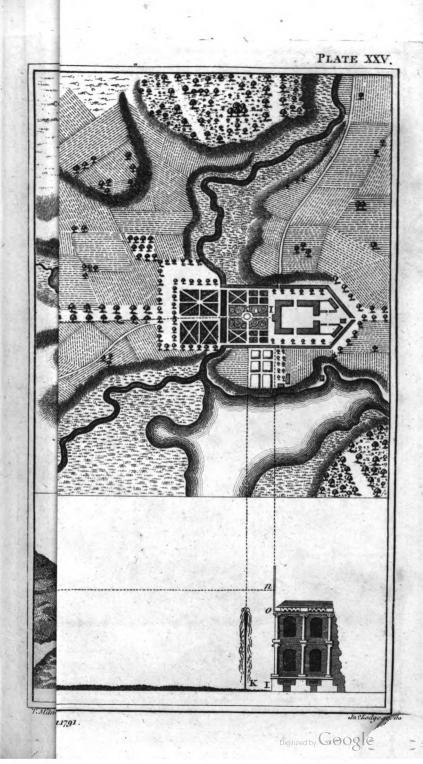


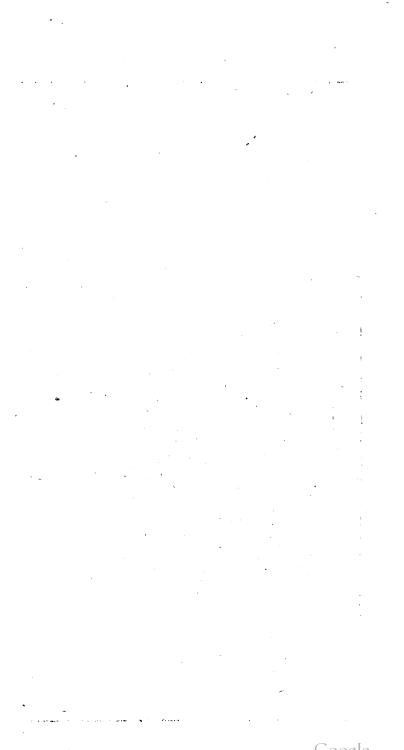




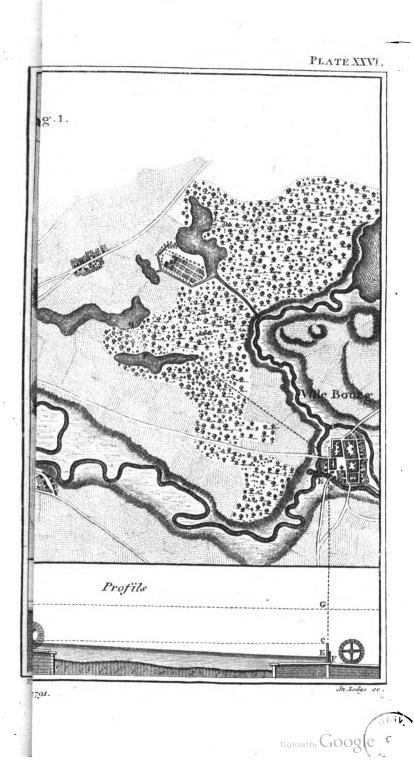


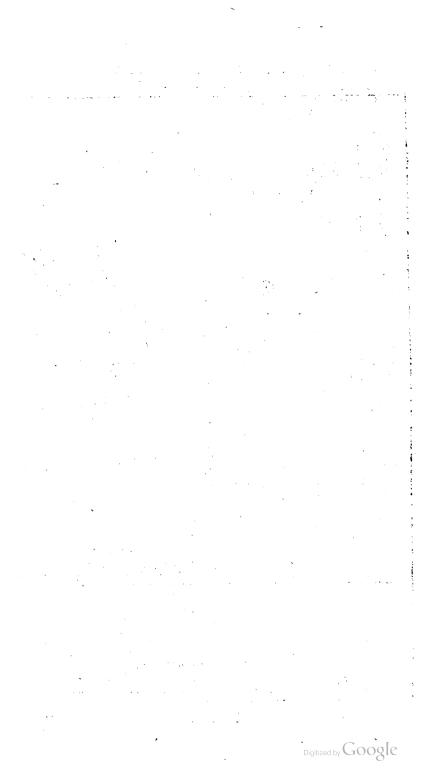


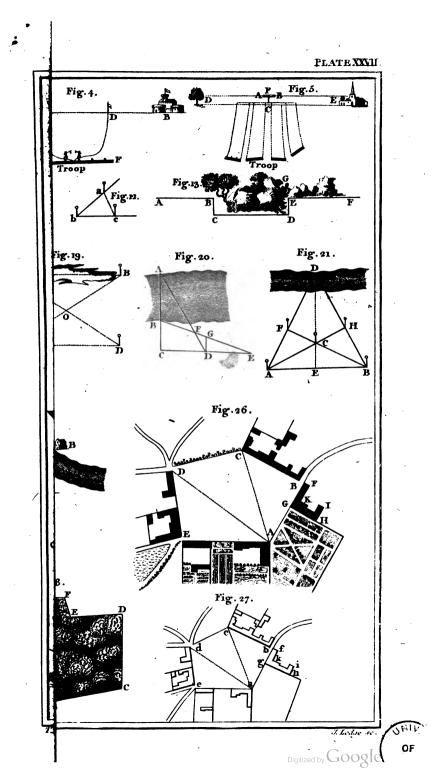


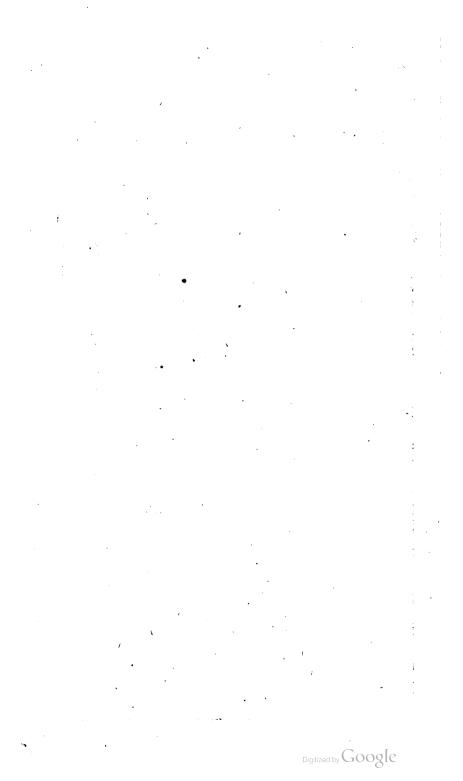


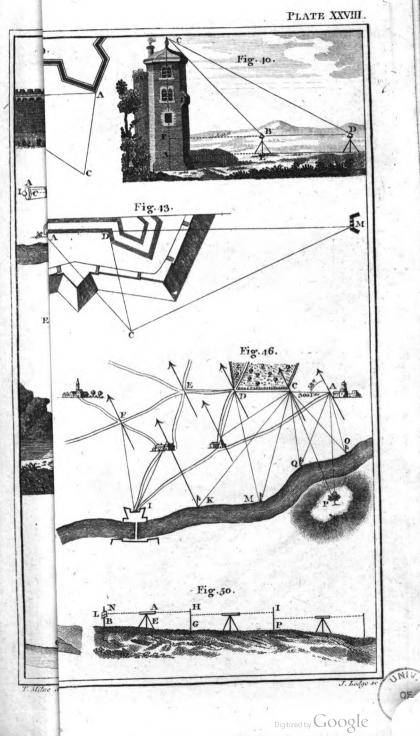
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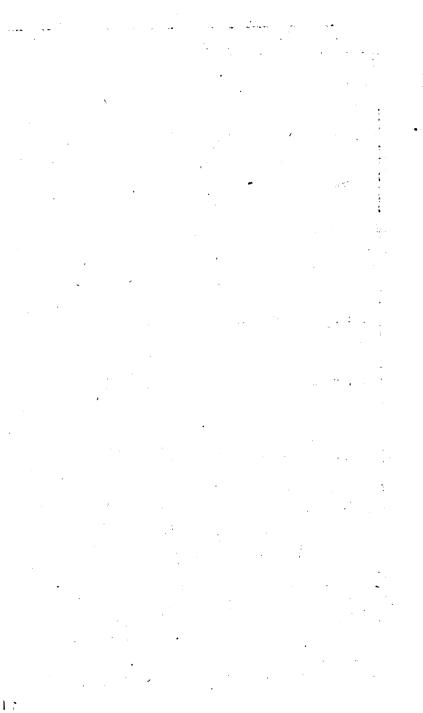




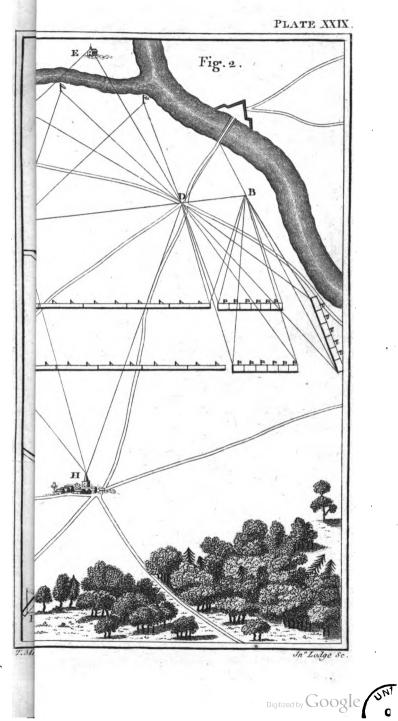




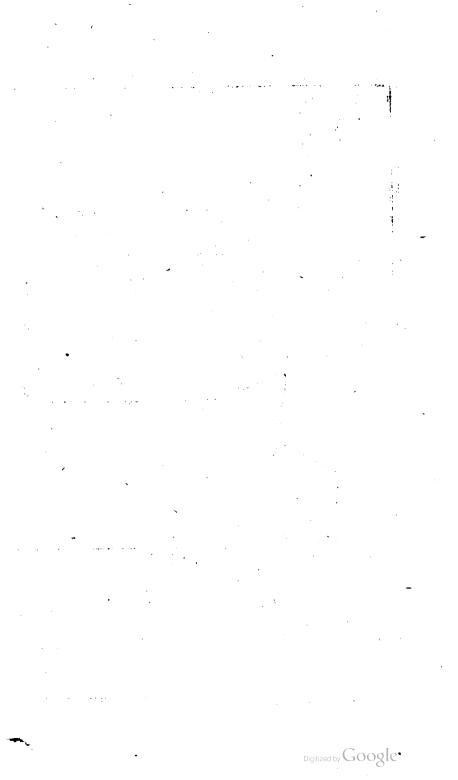


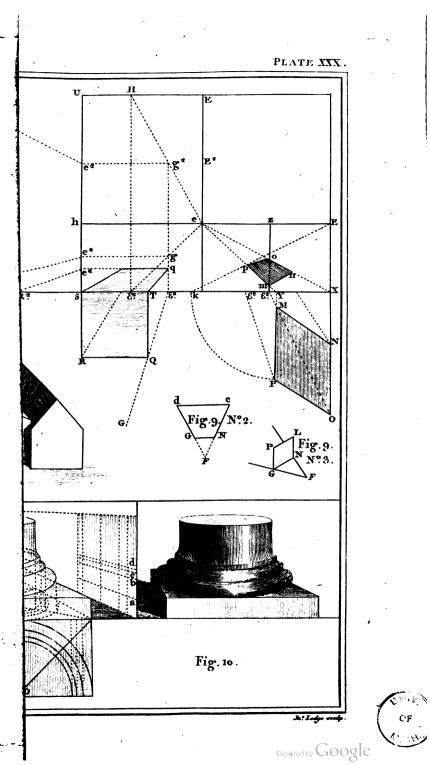


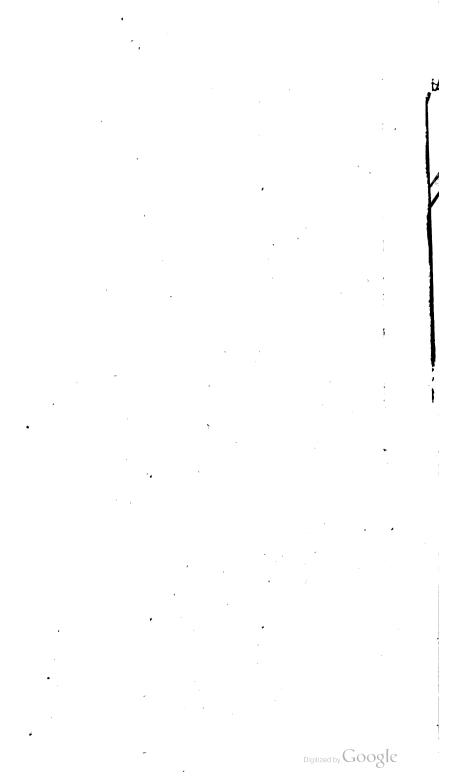
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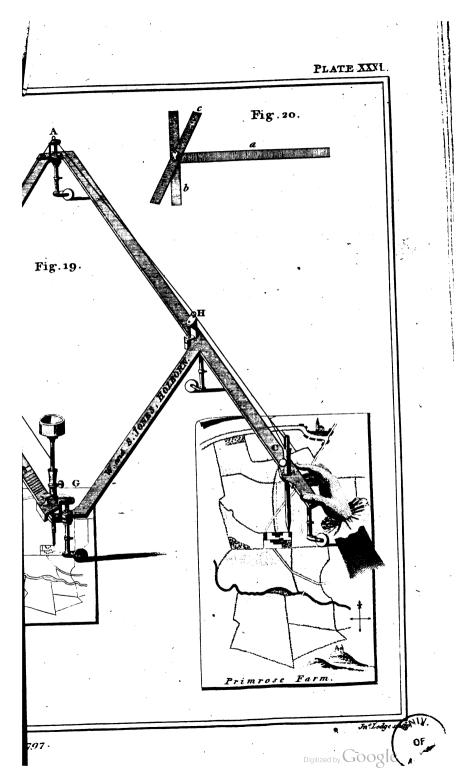


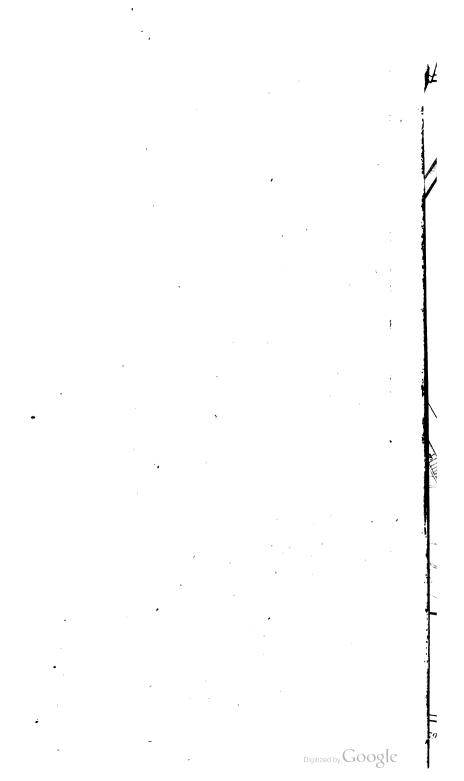
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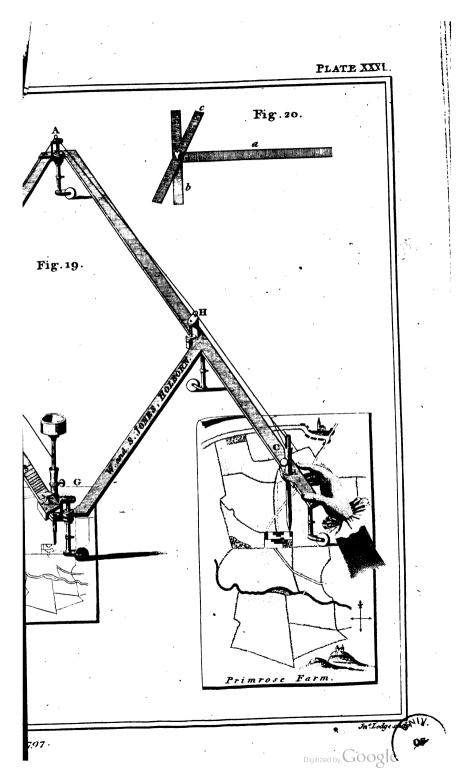


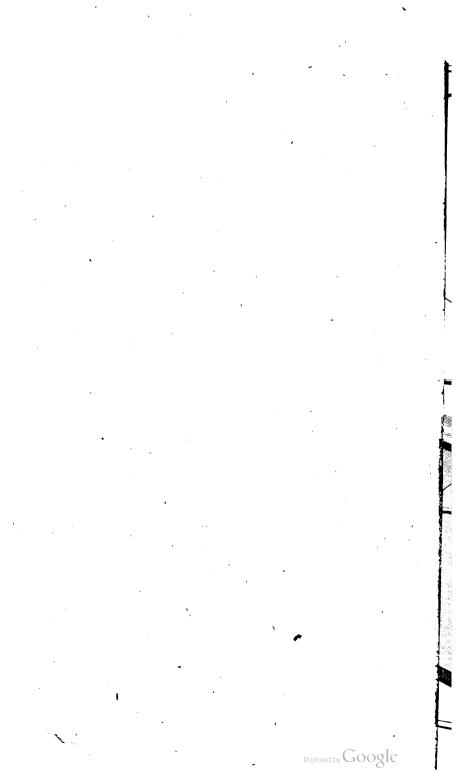


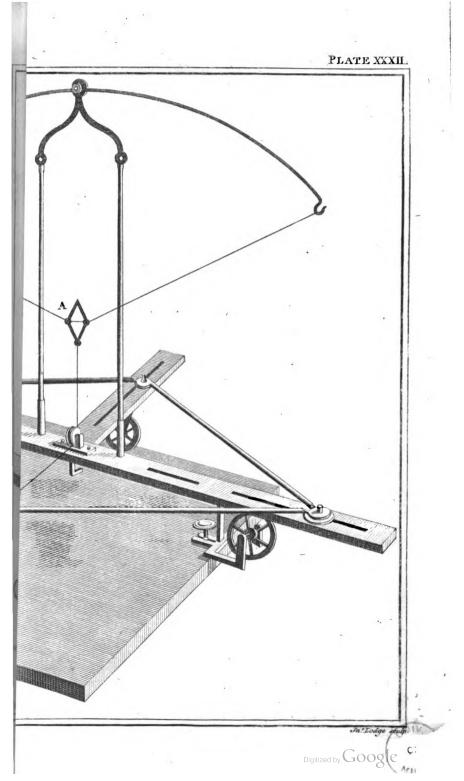


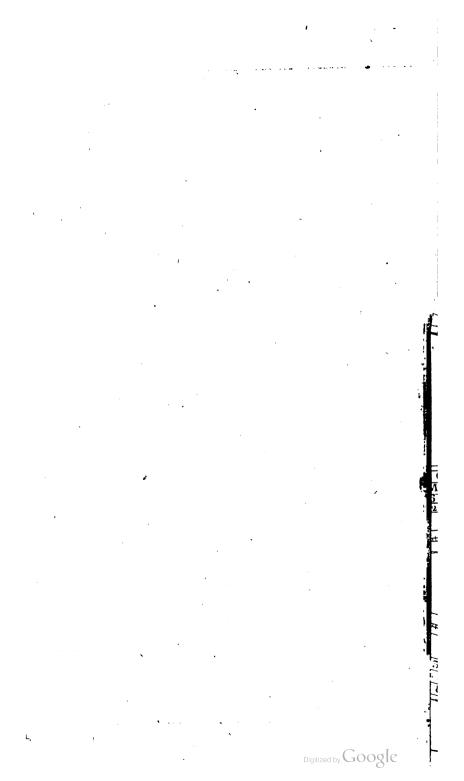


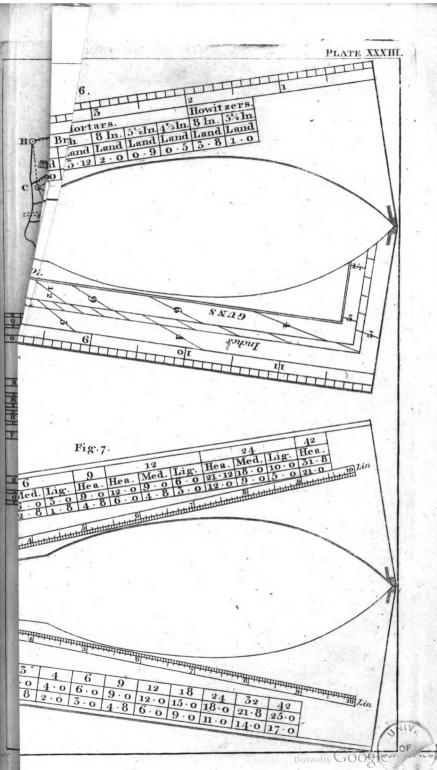








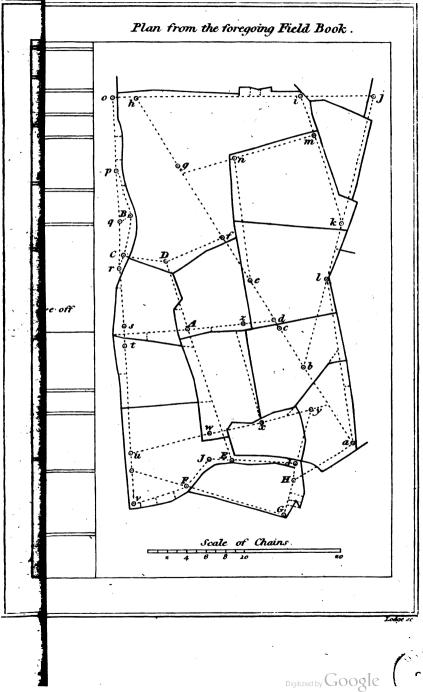


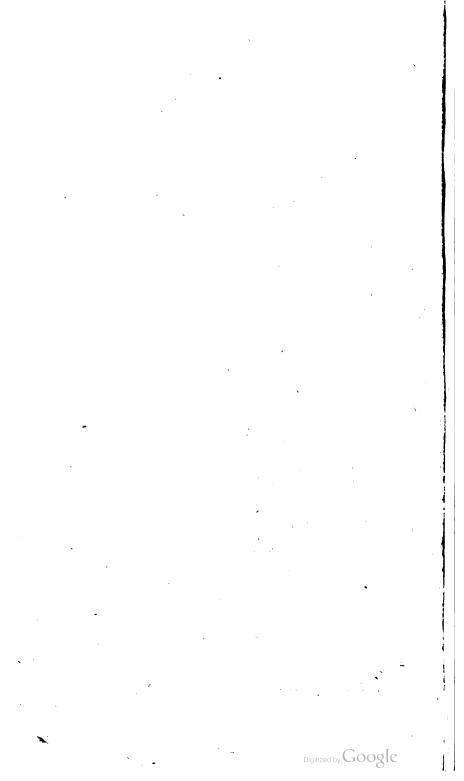


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# CATALOGUE ·

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# Optical, Mathematical, and Philosophical

## Instruments,

MADE AND SOLD BY

### W. AND S. JONES,

#### [No. 30,]

#### LOWER HOLBORN, LONDON,

( Removed from their old Shop, No. 135, next to Furnival's Inn. )

#### OPTICAL INSTRUMENTS.

£. s. d.

BEST double-jointed standard gold spectacles, with peb-	-			
bles, and fish-skin gold-mounted case	16	16	0	
Ditto, single-jointed, with ditto case	10	10	0	)
Best double-jointed silver ditto, with pebbles	1	16	0	
Ditto, ditto, with glasses	1	1	0	
Best single-jointed, with pebbles	1	8	0	
Ditto, with glasses	. 0	13	0	
Best double-jointed steel ditto, with glasses	· 0	9	0	
Second best double-jointed steel spectacles, with spring case	0	. 7.	6	
Common ditto	0	4	6	
Best single-jointed steel spectacles, with fish-skin case	0	5.	6	
Second best ditto	0	2	6	
Common ditto	0	1	6	
Tortoiseshell spectacles, silver-jointed, with pointed and				
other shaped sides, peculiar for their lightness and unin-			,	
terruption of dressed hair, in morocco leather cases	0	10	6	
Ditto, double-jointed frames	0	15	0	
Spectacles for eyes that have been couched	0	7	6	
Ditto, with green glasses for very weak and inflamed eyes,				
according to the frames, from 6s. to	1	1	0	
Ditto, for the same purpose, with new contrived portable				
shades to screen the eyes from candle, or other light	0	15	0	
Nose spectacles in silver		7	6	
Ditto, in tortoiseshell and silver	0	4	-6	
Spectacle cases in great variety, from 2d. each to	: 9	3.	0	
Concave glasses for short-sighted persons, in horn cases.	-0	. 1	-6	
Ditto, in tortoiseshell, pearl, silver, &c. from 2s. 6d. to		· 2	-8	
Ditto in new contrived frames for shooting caps	-	16	-	
Reading and burning glasses in various mountings, from 3s.to	1	16	-	
Convex glasses for watch-makers, engravers, &c. from 1 .to	0	10	6	
Gogglers, to guard the eyes from the dust or wind		3		
New green light shades for the eyes	0	6	Ő	

Printed by W. Glendinning, 25, Hatton Garden, 1808

	r		đ.
Opera glasses in great variety of mountings, from 5s. 6d. to	£. 2	s. 12	<b></b>
Ditto on an improved construction of glasses, plain mounting	ĩ	1	ŏ
REFRACTING TELESCOPES of various lengths, 10s. 6d. to		18	ŏ
Two feet day and night best achromatic telescopes,		13	ŏ
Achtomatic stick telescopes, of various lengths, from 18s. to	4		, ŏ
The new improved one-foot ditto, with three sliding brass		v	
tubes, by which an instantaneous view of the object is ob-			
tained, and shuts up to a short length for the pocket	1	11	6
Second best two drawers ditto	î	1	ŏ
Twenty inch best three-drawers ditto	2	12	ŏ
Two feet best three-drawers ditto	3	13	ŏ
Three feet best four-drawers ditto	ő	6	ŏ
Four feet five-drawer best ditto.	8	8	ŏ
The preceding telescopes fitted up elegantly with silver or	0	0	v
plated tubes, from 21. 2s. to	21	0	0
Astronomical eye-pieces, and portable brass stands for the	21	Ŷ	v
above, from 10s. 6d. to	2	12	6
The new improved $2\frac{1}{2}$ feet achromatic refractor, on a brass	~		Ŭ
stand, mahogany tube, with two sets of eye-glasses, one			
magnifying about forty times for terrestrial objects, and			
the other about seventy-five times for astronomical pur-			
poses, packed in a mahogany case	10	ιń	0
Ditto, ditto, the tube all brass, with three eye-pieces	n		Ö
The 34 feet ditto, ditto, mahogany tube	17		õ
Ditto, ditto, brass tube	19	-	ŏ
	36	-	ŏ
Achromatic perspective glasses for the pocket, in brass, &c.		10	v
tubes, with a change of eye-glasses, from 12s. to	3	3	0
New improved ditto, answering the purpose of an opera	Ŭ		v
glass, with a compass and helioscope for viewing the			
sun, from 1/. 3s. to	2	2	0
New improved achromatic pocket telescope, which, by a	-	-	•
small apparatus within its tubes, is readily converted into			
a small compound microscope	3	13	6
An improved portable 7-inch achromatic telescope in brass,	-		•
with a stand that packs up into the tube of the telescope,			
adapted for astronomical uses	3	13	6
REFLECTING TELESCOPES, fitted up either upon the Grego-	-		•
rian, Newtonian, or Herschelian principles, with improved			
wood or metal stands, and other apparatus, for making			
celestial observations in the most commodious and accu-			
rate manner.—The general prices are as follow :			•
-Fifteen feet in length, the large metal fifteen inches in			
diameter, from 2501. to	00	0	0
diameter, from 250% to	ю	0	0
-Ten feet in length, twelve inch metal	50	0	0
-Kight feet in length, eleven inch metal	<b>10</b>	0	0
-Six feet in length, nine inch metal	ю	0	0
-Four feet in length, in brass tubes, with portable brass or			
mahogany framed stands, from 40% to	0	0	0
<b>Those reflectors that are constructed upon the principles of N</b>	ewi	o <b>n</b>	or
Herschel, are about twice the above lengths in the tubes. The	в теј	f <b>ect</b> o	<b>75</b>
upon the usual Gregorian construction are made with the verti			
-			

upon a new principle, so as to render them more firm and stea	du e	vbil	in	
use, than any reflectors mounted in the common manner.	~		• • • • •	
A four feet 7-inch aperture Gregorian reflector, with				
the mention mon a new invented principle as				
the vertical motion upon a new-invented principle, as				
well as apparatus to render the tube more steady in ob-				
servation; according to the additional apparatus of small	L.	\$.	·d.	
speculums, eye-pieces, micrometers, &c. from 801. to	00	0	0	
Three feet long, mounted on a brass stand, common mount-				
ing	23	2	0	
Ditto with rack-work motions, improved mounting, and metals	38	17	0	
Two feet long, without rack-work, and with four magnify-		•		
ing powers, improved, 13/. 13s. to	15	15	0	
Ditto improved, with rack-work motions	21	0	Ō	
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	10	18	•	
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# [ 12 ]

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# [ 13 ]

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