

W 339

W 339

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MICROFILMED

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- No. 384 MINING TRANSIT BOOK. Left Hand Page as in this Book, Right Hand Page 8x8 to the inch, Center Line Red.
- No. 385 FIELD BOOK. Left Hand Page as in this Book, Right Hand Page 8 vertical and 4 horizontal lines to the inch, Center Line Red.

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THE FREDERICK POST CO.
ENGINEERING and DRAFTING SUPPLIES
IRVING PARK STATION
CHICAGO, ILL.

Index.
Field Notes of Coordinate
Cross Sections of El Capitan
Dam Site, 1932.

Mar. 17. to Mar. 21, 1932.

Converse

Simpson

Loudon

Bailey

Contd. from Book #338.

	708.50	(See Book #338)			
3980					
4970		13.0	695.5	✓	✓
3970					
4970		16.0	692.5	✓	✓
3970					
4960		15.8	692.7	✓	✓
3980					
4960		10.1	698.4	✓	✓
3990					
4960		1.6	706.9	✓	✓
3990					
4950		0.6	707.9	✓	✓
3980					
4950		6.3	702.2	✓	✓
3970					
4950		10.8	697.7	✓	✓
3960					
4940		18.0	690.5	✓	✓
3970					
4940		10.4	698.1	✓	✓
3980					
4940		6.3	702.2	✓	✓
3990					
4940		1.0	707.5	✓	✓
3960					
4930		7.7	700.8	✓	✓
3970					
4930		2.2	706.3	✓	✓
3980					
4930		+2.5	711.0	✓	✓
3980					
4920		+4.1	712.6	✓	✓
3970					
4920		0.6	707.9	✓	✓
3960					
4920		5.8	702.7	✓	✓
3960					
4910		4.2	704.3	✓	✓
3950					
4900		11.2	697.3	✓	✓
T.P.	12.7	719.83	0.84	707.66	
3960					
4900		13.2	706.6	✓	✓
3970					
4900		7.7	712.1	✓	✓
3980					
4900		0.8	719.0	✓	✓
3980					
4910		4.1	715.7	✓	✓

March 17, 1932
Simpson - notes
Louden - Rod
Bailey - Level

clear and warm

719.83

3990						
4910			+0.5	720.3	✓	✓
3970						
4910			10.5	09.9	✓	✓
3960						
4890			13.8	06.0	✓	✓
3960						
4880			13.2	06.6	✓	✓
3970						
4880			7.5	12.3	✓	✓
3960						
4870			11.0	08.8	✓	✓
3960						
4860			11.5	08.3	✓	✓
3970						
4870			2.4	17.4	✓	✓
3980						
4870			1.5	18.3	✓	✓
T.P.	12.87	730.34	2.36	717.47		
3990						
4870			3.1	27.2	✓	✓
4000						
4870			0.8	29.5	✓	✓
4000						
4880			1.4	28.9	✓	✓
3990						
4880			3.8	26.5	✓	✓
3980						
4880			6.2	24.1	✓	✓
3970						
4890			interpolate		✓	✓
3980						
4890			10.2	20.1	✓	✓
3990						
4890			5.3	25.0	✓	✓
4000						
4890			1.0	29.3	✓	✓
3990						
4900			7.2	23.1	✓	✓
4000						
4900			+0.3	30.6	✓	✓
4000						
4910			0.1	20.2	✓	✓
3990						
4920			6.3	24.0	✓	✓
4000						
4920			+0.2	30.5	✓	✓
4000						
4930			interpolate	22.4	✓	✓

1.6

1.7

45
730.34

3990			interpolate 15.7	✓	✓
4930					
4000			1.4	728.9	✓ ✓
4860					
3990			7.3	29.0	✓ ✓
4860					
3980			17.1	13.2	✓ ✓
4860					
3970			interpolate 12.0	✓	✓
4860					
3980			17.0	13.3	✓ ✓
4850					
3970			23.5	06.8	✓ ✓
4850					
3960			25.5	04.8	✓ ✓
4850					
T.P.	0.88	718.56	12.66	717.68	✓
3980			7.8	10.8	✓ ✓
4840					
3980			10.1	08.5	✓ ✓
4830					
3990			5.5	13.1	✓ ✓
4830					
4000			1.7	16.9	✓ ✓
4830					
3970			16.3	02.3	✓ ✓
4830					
3970			15.6	03.0	✓ ✓
4840					
3960			20.4	698.2	✓ ✓
4840					
3960			21.4	97.2	✓ ✓
4830					
3960			22.6	96.0	✓ ✓
4820					
3970			20.9	97.7	✓ ✓
4820					
3980			16.4	702.2	✓ ✓
4820					
3990			9.8	8.8	✓ ✓
4820					
4000			6.3	12.3	✓ ✓
4820					
4010			1.2	17.4	✓ ✓
4820					
4020			2.1	16.5	✓ ✓
4810					
4010			5.2	13.4	✓ ✓
4810					

718.56

4000					
4810		11.6	707.0	✓	✓
3990					
4810		16.2	02.4	✓	✓
3980					
4810		19.9	698.7	✓	✓
3970					
4810		24.5	94.1	✓	✓
3980					
4800		23.9	94.7	✓	✓
3990					
4800		19.7	98.9	✓	✓
4000					
4800		15.8	702.8	✓	✓
4010					
4800		10.0	08.6	✓	✓
4020					
4800		6.6	12.0	✓	✓
4030					
4800		2.8	15.8	✓	✓
4020					
4790		10.3	08.3	✓	✓
4010					
4790		15.0	03.6	✓	✓
4000					
4790		17.7	00.9	✓	✓
3990					
4790		23.0	695.6	✓	✓
3980					
4790		29.6	89.0	✓	✓
T.P.	12.65	730.33	0.88	717.68	✓
4020					
4820		9.0	21.3	✓	✓
4030					
4820		0.7	29.6	✓	✓
4030					
4810		4.8	25.5	✓	✓
4030					
4830		0.0	30.3	✓	✓
4020					
4830		4.9	25.4	✓	✓
4010					
4830		10.0	20.3	✓	✓
3990					
4840		13.0	17.3	✓	✓
4000					
4840		9.8	20.5	✓	✓
4010					
4840		3.8	26.5	✓	✓

		730.33				
4020						
4840			+ 1.2	731.5	✓	✓
4010						
4850			0.2	30.1	✓	✓
4000						
4850			4.8	25.5	✓	✓
3990						
4850			11.3	19.0	✓	✓
T.P.	13.06	730.74	12.65	717.68		
T.P.	12.70	742.21	1.23	729.51		
4010						
4860			7.4	34.8	✓	✓
4020						
4860			4.1	38.1	✓	✓
4030						
4860			1.3	40.9	✓	✓
4030						
4850			1.5	40.7	✓	✓
4020						
4850			5.3	36.9	✓	✓
4030						
4840			6.1	36.1	✓	✓
4020						
4870			1.8	40.4 41.4	✓	✓
4010						
4870			7.5	34.7	✓	✓
4010						
4880			3.7	38.5	✓	✓
4020						
4880			+ 0.2	42.4	✓	✓
4010						
4890			1.9	40.3	✓	✓
T.P.	12.80	754.76	0.25	741.96		
4040						
4820			18.1	36.7	✓	✓
4050						
4820			14.6	40.2	✓	✓
4040						
4830			17.8	37.0	✓	✓
4040						
4840			13.7	41.1	✓	✓
4050						
4840			10.1	44.7	✓	✓
4050						
4830			9.2	45.6	✓	✓
4040						
4850			11.0	43.8	✓	✓



5 S.E. of N4020
E4880
End Mch. 17, 1932
March 18, 1932
Simpson - Notes
Hayden - Rod
Bailey - Level

4050	754.76				
4850		4.0	750.8	✓	✓
4040		6.6	48.2	✓	✓
4860					
4050		+0.3	55.1	✓	✓
4860					
4040		2.6	52.2	✓	✓
4870					
4030		7.8	47.0	✓	✓
4870					
4030		5.5	49.3	✓	✓
4880					
4040		0.9	53.9	✓	✓
4880					
4040		0.5	54.3	✓	✓
4890					
4030		4.2	50.6	✓	✓
4890					
4020		11.3	43.5	✓	✓
4890					
4010		interpolate 4.0		✓	✓
4900					
4020		9.4	45.4	✓	✓
4900					
4010		17.0	37.8	✓	✓
4920					
4010		14.5	40.3	✓	✓
4910					
4010		interpolate 3.0		✓	✓
4930					
4020		7.0	47.8	✓	✓
4910					
4040		0.2	54.6	✓	✓
4900					
4030		3.2	51.6	✓	✓
4900					
T.P.	8.51	762.96	0.31	754.45	✓
4060					
4830		14.5	748.5	✓	✓
4060					
4840		10.9	52.1	✓	✓
4070					
4840		6.1	56.9	✓	✓
4080					
4840		3.6	59.4	✓	✓
4070					
4830		9.0	54.0	✓	✓
4070					
4850		4.9	58.1	✓	✓

762.96

4060					
4850	6.1	756.9	✓	✓	✓
4860					
4860	5.1	57.9	✓	✓	✓
4070					
4860	1.7	61.3	✓	✓	✓
4070					
4870	1.3	61.7	✓	✓	✓
4060					
4870	4.2	58.8	✓	✓	✓
4050					
4870	7.4	55.6	✓	✓	✓
4050					
4880	5.9	57.1	✓	✓	✓
4060					
4880	3.6	59.4	✓	✓	✓
4070					
4880	10.5	63.5	✓	✓	✓
4060					
4890	2.3	60.7	✓	✓	✓
4050					
4890	4.4	58.6	✓	✓	✓
4050					
4900	4.7	58.3	✓	✓	✓
4060					
4900	0.8	62.2	✓	✓	✓
4060					
4910	0.7	62.3	✓	✓	✓
4050					
4910	4.9	58.1	✓	✓	✓
4040					
4910	8.4	54.6	✓	✓	✓
4030					
4910	10.0	53.0	✓	✓	✓
4020					
4920	19.0	44.0	✓	✓	✓
4030					
4920	12.0	51.0	✓	✓	✓
4040					
4920	8.2	54.8	✓	✓	✓
4050					
4920	4.4	58.6	✓	✓	✓
4060					
4920	0.8	62.2	✓	✓	✓
4070					
4930	1.2	61.8	✓	✓	✓
4060					
4930	4.0	59.0	✓	✓	✓
4050					
4930	6.3	56.7	✓	✓	✓

762.96

4040					
4930		13.8	749.2	✓	✓
4030					
4930		21.2	41.8	✓	✓
4020					
4930		interpolate	38.5	✓	✓
4080					
4940		1.5	61.5	✓	✓
4070					
4940		3.3	59.7	✓	✓
4060					
4940		7.0	56.0	✓	✓
4050					
4940		interpolate	51.0	✓	✓
4040					
4940		16.3	46.7	✓	✓
4050					
4950		17.9	45.1	✓	✓
4060					
4950		13.4	49.6	✓	✓
4070					
4950		8.5	54.5	✓	✓
4080					
4950		4.7	58.3	✓	✓
4090					
4950		1.8	61.2 62.2	✓	✓
4100					
4960		2.3	60.7	✓	✓
4090					
4960		5.2	57.8	✓	✓
4080					
4960		9.4	53.6	✓	✓
4070					
4960		12.5	50.5	✓	✓
4060					
4960		20.0	43.0	✓	✓
T.P.	0.39	750.48	12.87	750.09	✓
			0.98	749.50	= check
4040					
4960		17.3	733.2	✓	✓
4040					
4950		14.6	35.9	✓	✓
4050					
4960		12.6	37.9	✓	✓
4050					
4970		18.8	31.7	✓	✓

on Hub ^{N 4120} E 5000 El. 749.49

		750.48			
4060					
4970		10.9	739.6 ✓	✓	✓
4070					
4970		6.3	44.2 ✓	✓	✓
4080					
4970		3.5	47.0 ✓	✓	✓
4090					
4980		4.0	46.5 ✓	✓	✓
4080					
4980		7.4	43.1 ✓	✓	✓
4070					
4980		10.0	40.5 ✓	✓	✓
4060					
4980		15.5	35.0 ✓	✓	✓
4050					
4980		21.2	29.3 ✓	✓	✓
4060					
4990		21.0	29.5 ✓	✓	✓
4070					
4990		15.6	34.9 ✓	✓	✓
4080					
4990		11.2	39.3 ✓	✓	✓
4090					
4990		7.0	43.5 ✓	✓	✓
4100					
4990		0.6	49.9 ✓	✓	✓
4120					
5000		1.0	49.5 ✓	✓	✓
4110					
5000		3.3	47.2 ✓	✓	✓
4100					
5000		6.9	43.6 ✓	✓	✓
4090					
5000		10.7	39.8 ✓	✓	✓
4080					
5000		16.0	34.5 ✓	✓	✓
4070					
5000		22.5	28.0 ✓	✓	✓
T.P.		0.98	749.50 ✓	check	
	7.31	727.15	719.84	= Hub on	
4060					
5000		1.4	725.8 ✓	✓	✓
4050					
5000		7.3	19.9 ✓	✓	✓
4040					
5000		13.5	13.7 ✓	✓	✓
4030					
5000		17.1	10.1 ✓	✓	✓

Hub ⁴¹²⁰ 5000
 Axis ⁴⁰⁵⁰ 5000

727.15

4020					
4990	15.6	711.6	✓	✓	✓
4030					
4990	9.4	17.8	✓	✓	✓
4040					
4990	7.5	19.7	✓	✓	✓
4050					
4990	1.0	26.2	✓	✓	✓
4040					
4980	2.3	24.9	✓	✓	✓
4030					
4980	7.0	20.2	✓	✓	✓
4020					
4980	11.6	15.6	✓	✓	✓
4010					
4980	17.1	10.1	✓	✓	✓
4000					
4970	16.7	10.5	✓	✓	✓
4010					
4970	11.5	15.7	✓	✓	✓
4020					
4970	5.8	21.4	✓	✓	✓
4030					
4970	3.5	23.7	✓	✓	✓
4070					
4970	0.0	27.2	✓	✓	✓
4030					
4960	+0.9	28.1	✓	✓	✓
4020					
4960	5.0	22.2	✓	✓	✓
4010					
4960	9.8	17.4	✓	✓	✓
4000					
4960	14.5	12.7	✓	✓	✓
4000					
4950	13.0	14.2	✓	✓	✓
4010					
4950	5.4	21.8	✓	✓	✓
4020					
4950	0.0	27.2	✓	✓	✓
4030					
4950	+2.0	29.2	✓	✓	✓
4030					
4940	+13.4	40.6	✓	✓	✓
4020					
4940	+5.6	32.8	✓	✓	✓
4010					
4940	3.5	23.7	✓	✓	✓
4000					
4940	13.0	14.2	✓	✓	✓

727.15

7.81 719.84 = Hub on Axis N 40 50 E 5000

12.78 762.27

749.49 = Hub on Axis N 41 20 E 5000

4130				
5000	8.8	753.5	✓	✓
4140				
5000	3.3	59.0	✓	✓
4130				
4990	3.8	58.5	✓	✓
4120				
4990	7.8	54.5	✓	✓
4110				
4990	11.8	50.5	✓	✓
4100				
4980	10.3	52.0	✓	✓
4110				
4980	5.8	56.5	✓	✓
4120				
4980	4.2	58.1	✓	✓
4130				
4980	+1.0	63.3	✓	✓
4120				
4970	1.0	61.3	✓	✓
4110				
4970	4.0	58.3	✓	✓
4100				
4970	6.3	56.0	✓	✓
4090				
4970	10.4	51.9	✓	✓

12.78 749.49 = Hub on Axis N 41 20 E 5000

9.39 775.32

765.93 = Hub at North End Axis

4160				
5000	9.4	765.9	✓	✓
4150				
5000	16.3	59.0	✓	✓
4140				
4990	12.5	62.8	✓	✓
4150				
4990	8.6	66.7	✓	✓
4160				
4990	2.8	72.5	✓	✓
4160				
4980	0.9	74.4	✓	✓
4150				
4980	4.6	70.7	✓	✓

775.32

4140						
4980			8.9	766.4	✓	✓
4130						
4970			10.7	64.6	✓	✓
4140						
4970			3.9	71.4	✓	✓
4130						
4960			5.4	69.9	✓	✓
4120						
4960			9.5	65.8	✓	✓
T.P.	11.83	776.87	10.28	765.04	✓	
4110						
4960			14.6	762.3	✓	✓
4100						
4950			12.4	64.5	✓	✓
4110						
4950			9.7	67.2	✓	✓
4120						
4950			8.5	68.4	✓	✓
4120						
4940			4.3	72.6	✓	✓
4110						
4940			6.3	70.6	✓	✓
4100						
4940			9.1	67.8	✓	✓
4090						
4940			13.1	63.8	✓	✓
4080						
4930			14.3	62.6	✓	✓
4090						
4930			10.0	66.9	✓	✓
4100						
4930			7.0	69.9	✓	✓
4110						
4930			5.3	71.6	✓	✓
4120						
4930			1.0	75.9	✓	✓
4110						
4920			2.0	74.9	✓	✓
4100						
4920			3.4	73.5	✓	✓
4090						
4920			7.5	69.4	✓	✓
4080						
4920			10.1	66.8	✓	✓
4070						
4920			14.7	62.2	✓	✓
4070						
4910			11.3	65.6	✓	✓

	776.87				
4080		7.8	769.1	✓	✓
4910					
4090		5.8	71.1	✓	✓
4910					
4100		2.0	74.9	✓	✓
4910					
4070		12.4	64.5	✓	✓
4900					
4080		9.0	67.9	✓	✓
4900					
4090		7.0	69.9	✓	✓
4900					
4070		12.0	64.9	✓	✓
4890					
4080		9.0	67.9	✓	✓
4890					
4090		8.0	68.9	✓	✓
4890					
	8.53	785.24	0.16	776.71	✓
4100					
4900		9.0	776.2	✓	✓
4110					
4900		3.5	81.7	✓	✓
4120					
4900		1.2	84.0	✓	✓
4120					
4910		1.2	84.0	✓	✓
4110					
4910		interpolate	79.0	✓	✓
4120					
4890		3.1	82.1	✓	✓
4110					
4890		4.2	81.0	✓	✓
4100					
4890		interpolate	76.7	✓	✓
4140					
4880		6.2	79.0	✓	✓
4130					
4880		5.9	79.3	✓	✓
4120					
4880		5.0	80.2	✓	✓
4110					
4880		6.0	79.2	✓	✓
4100					
4880		8.0	77.2	✓	✓
4090					
4880		interpolate	69.0	✓	✓
4080					
4880		17.5	67.7	✓	✓

785.24

4080 4870	19.0	766.2	✓	✓	✓
4090 4870	16.1	69.1	✓	✓	✓
4080 4860	22.4	62.8	✓	✓	✓
4090 4860	17.5	67.7	✓	✓	✓
4100 4860	15.0	70.2	✓	✓	✓
4080 4850	23.8	61.4	✓	✓	✓
4090 4850	21.0	64.2	✓	✓	✓
4100 4850	19.0	66.2	✓	✓	✓
4090 4840	24.4	60.8	✓	✓	✓
4100 4840	21.4	63.8	✓	✓	✓
4110 4840	20.0	65.2	✓	✓	✓
4110 4850	16.3	68.9	✓	✓	✓
4110 4860	12.6	72.6	✓	✓	✓
4120 4860	12.0	73.2	✓	✓	✓
4130 4860	13.6	71.6	✓	✓	✓
4130 4870	8.7	76.5	✓	✓	✓
4120 4870	9.2	76.0	✓	✓	✓
4110 4870	10.5	74.7	✓	✓	✓
4100 4870	11.4	73.8	✓	✓	✓
T.P.	12.40	797.27	0.37	784.87	✓
4130 4890	11.4	785.9	✓	✓	✓
4140 4890	10.9	86.4	✓	✓	✓
4150 4890	9.8	87.5	✓	✓	✓
4160 4890	7.2	90.1	✓	✓	✓
4170 4890	7.1	90.2	✓	✓	✓

←

797.27

4180 4890	8.4	788.9	✓	✓	✓
4180 4900	5.3	92.0	✓	✓	✓
4170 4900	3.7	93.6	✓	✓	✓
4160 4900	4.7	92.6	✓	✓	✓
4150 4900	6.4	90.9	✓	✓	✓
4140 4900	9.0	88.3	✓	✓	✓
4130 4900	11.5	85.8	✓	✓	✓
4120 4910	13.3	84.0	✓	✓	✓
4130 4910	11.3	86.0	✓	✓	✓
4140 4910	9.2	88.1	✓	✓	✓
4150 4910	7.6	89.7	✓	✓	✓
4160 4910	3.0	94.3	✓	✓	✓
4170 4910	2.8	94.5	✓	✓	✓
4180 4910	2.6	94.7	✓	✓	✓
4180 4920	0.9	96.4	✓	✓	✓
4170 4920	2.0	95.3	✓	✓	✓
4160 4920	3.7	93.6	✓	✓	✓
4150 4920	6.0	91.3	✓	✓	✓
4140 4920	10.0	87.3	✓	✓	✓
4130 4920	13.7	83.6	✓	✓	✓
4120 4920	16.3	81.0	✓	✓	✓
4130 4930	13.7	83.6	✓	✓	✓
4140 4930	13.3	84.0	✓	✓	✓
4150 4930	10.6	86.7	✓	✓	✓
4160 4930	5.5	91.8	✓	✓	✓

4170	797.27				
4930		2.8	794.5 ✓	✓	✓
4180					
4930		0.0	97.3 ✓	✓	✓
4180					
4940		1.8	95.5 ✓	✓	✓
4170					
4940		5.5	91.8 ✓	✓	✓
4160					
4940		7.0	90.3 ✓	✓	✓
4150					
4940		12.1	85.2 ✓	✓	✓
4140					
4940		15.4	81.9 ✓	✓	✓
4130					
4940		19.7	77.6 ✓	✓	✓
4130					
4950		22.5	74.8 ✓	✓	✓
4140					
4960		22.7	74.6 ✓	✓	✓
4140					
4950		19.0	78.3 ✓	✓	✓
4150					
4950		16.1	81.2 ✓	✓	✓
4160					
4950		12.3	85.0 ✓	✓	✓
4170					
4950		7.6	89.7 ✓	✓	✓
4180					
4950		3.5	93.8 ✓	✓	✓
4190					
4950		0.9	96.4 ✓	✓	✓
4190					
4960		2.6	94.7 ✓	✓	✓
4180					
4960		5.7	91.6 ✓	✓	✓
4170					
4960		9.3	88.0 ✓	✓	✓
4160					
4960		15.3	82.0 ✓	✓	✓
4150					
4960		19.0	78.0 ✓	✓	✓
4190					
4970		5.7	91.6 ✓	✓	✓
4180					
4970		9.7	87.6 ✓	✓	✓
0.70	785.52	12.45	784.82 ✓		
4150					
4970		11.7	773.8 ✓	✓	✓

4200

416a	785.52			
4970		6.8	778.7 ✓ ✓	✓
4170		2.7	82.8 ✓ ✓	✓
4970				
4190		+1.4	86.9 ✓ ✓	✓
4980				
4180		3.8	81.7 ✓ ✓	✓
4980				
4170		8.0	77.5 ✓ ✓	✓
4980				
4170		10.5	75.0 ✓ ✓	✓
4990				
4180		7.2	78.3 ✓ ✓	✓
4990				
4190		2.8	82.7 ✓ ✓	✓
4990				
4200		1.5	84.0 ✓ ✓	✓
5000				
4190		6.5	79.0 ✓ ✓	✓
5000				
4180		10.2	75.3 ✓ ✓	✓
5000				
4170		14.4	71.1 ✓ ✓	✓
5000				
B.M.		10.09	775.43 = check	On Hub on Axis ⁴¹⁸⁰ 5000 El. 775.45

	645	682.53 ✓	676.08 = Hub on	AXIS ^{N 3960} E 5000
3950		15.0	667.5 ✓ ✓	✓
5010				
3960		9.6	72.9 ✓ ✓	✓
5010				
3970		2.9	79.6 ✓ ✓	✓ ←
5010				
3980		1.9	80.6 ✓ ✓	✓
5020				
3970		8.3	74.2 ✓ ✓	✓
5020				
3960		14.6	67.9 ✓ ✓	✓
5020				
3960		16.0	66.5 ✓ ✓	✓
5030				
3970		9.8	72.7 ✓ ✓	✓
5030				

682.53

3980				
5030	5.6	676.9	✓	✓
3990				
5030	1.6	80.9	✓	✓
4000				
5040	1.5	81.0	✓	✓
3990				
5040	5.2	77.3	✓	✓
3980				
5040	10.6	71.9	✓	✓
3970				
5040	14.6	67.9	✓	✓
3980				
5050	14.9	67.6	✓	✓
3990				
5050	8.5	74.0	✓	✓
4000				
5050	4.0	78.5	✓	✓
4010				
5050	+1.0	83.5	✓	✓
4010				
5060	1.9	80.6	✓	✓
4000				
5060	8.6	73.9	✓	✓
3990				
5060	14.3	68.2	✓	✓
3980				
5060	17.5	65.0	✓	✓
3990				
5070	13.7	68.8	✓	✓
4000				
5070	12.4	70.1	✓	✓
4010				
5070	5.9	76.6	✓	✓
4020				
5070	1.3	81.2	✓	✓
4030				
5080	+0.5	683.0	✓	✓
4020				
5080	5.2	77.3	✓	✓
4010				
5080	9.8	72.7	✓	✓
4000				
5080	14.2	68.3	✓	✓
4010				
5090	14.8	67.7	✓	✓
4020				
5090	7.8	74.7	✓	✓
4030				
5090	2.8	79.7	✓	✓

		682.53.			
4040					
5100			2.6	679.9	✓ ✓ ✓
4030					
5100			7.3	75.2	✓ ✓ ✓
4020					
5100			10.2	72.3	✓ ✓ ✓
4020					
5110			16.8	65.7	✓ ✓ ✓
4030					
5110			10.4	72.1	✓ ✓ ✓
4040					
5110			4.5	78.0	✓ ✓ ✓
4050					
5110			1.0	81.5	✓ ✓ ✓
4060					
5120			2.0	80.5	✓ ✓ ✓
4050					
5120			5.2	77.3	✓ ✓ ✓
4040					
5120			7.9	74.6	✓ ✓ ✓
4030					
5120			15.0	67.5	✓ ✓ ✓
4030					
5130			17.0	65.5	✓ ✓ ✓
4040					
5130			11.3	71.2	✓ ✓ ✓
4050					
5130			8.0	74.5	✓ ✓ ✓
4060					
5130			5.6	76.9	✓ ✓ ✓
4090					
5130			0.5	82.0	✓ ✓ ✓
4080					
5140			2.0	80.5	✓ ✓ ✓
4070					
5140			4.6	77.9	✓ ✓ ✓
4060					
5140			8.6	73.9	✓ ✓ ✓
4050					
5140			13.2	69.3	✓ ✓ ✓
4040					
5140			15.7	66.8	✓ ✓ ✓
T.P.	8.33	682.71	8.15	674.38	
4050					
5150			15.4	667.3	✓ ✓ ✓
4060					
5150			12.5	70.2	✓ ✓ ✓
4070					
5150			8.4	74.3	✓ ✓ ✓

682.71

4080					
5150		4.6	678.1	✓	✓
4090					
5150		0.8	81.9	✓	✓
4110					
5160		0.8	81.9	✓	✓
4100					
5160		3.1	79.6	✓	✓
4090					
5160		5.7	77.0	✓	✓
4080					
5160		9.0	73.7	✓	✓
4070					
5160		12.5	70.2	✓	✓
4060					
5160		15.7	67.0	✓	✓
4050					
5160		19.5	63.2	✓	✓

3.82 677.82 8.71 674.00

4050					
5170		18.3	659.5	✓	✓
4060					
5170		15.0	62.8	✓	✓
4070					
5170		10.8	67.0	✓	✓
4080					
5170		8.8	69.0	✓	✓
4090					
5170		4.1	73.7	✓	✓
4100					
5170		2.6	75.2	✓	✓
4110					
5170		10.4	78.2	✓	✓
4110					
5180		0.5	77.3	✓	✓
4100					
5180		5.7	72.1	✓	✓
4090					
5180		10.5	67.3	✓	✓
4080					
5180		14.5	63.3	✓	✓
4070					
5180		17.4	60.4	✓	✓
4060					
5180		19.6	58.2	✓	✓
4070					
5190		20.9	56.9	✓	✓
4080					
5190		14.6	63.2	✓	✓

checked from P1 to here

R.H.

677.82

4090					
5190	8.8	669.0	✓	✓	
4100					
5190	3.4	74.4	✓	✓	
4100					
5200	1.0	76.8	✓	✓	
4090					
5200	7.5	70.3	✓	✓	
4080					
5200	11.5	66.3	✓	✓	
4070					
5200	15.7	62.1	✓	✓	
4060					
5210	18.3	59.5	✓	✓	
4070					
5210	13.7	64.1	✓	✓	
4080					
5210	10.6	67.2	✓	✓	
4090					
5210	5.5	72.3	✓	✓	
4100					
5210	0.8	77.0	✓	✓	
4100					
5220	2.3	75.5	✓	✓	
4090					
5220	6.8	71.0	✓	✓	
4080					
5220	11.6	66.2	✓	✓	
4070					
5220	15.3	62.5	✓	✓	
4060					
5220	19.6	58.2	✓	✓	
4070					
5230	18.1	59.7	✓	✓	
4080					
5230	13.7	64.1	✓	✓	
4090					
5230	8.3	69.5	✓	✓	
4100					
5230	4.5	73.3	✓	✓	
4110					
5230	0.6	77.2	✓	✓	
4110					
5240	2.8	75.0	✓	✓	
4100					
5240	6.2	71.6	✓	✓	
4090					
5240	10.5	67.3	✓	✓	
4080					
5240	15.5	62.3	✓	✓	

- 1/2 W.C.

4070			19.7	658.1	✓	✓
5240						
4080			16.3	61.5	✓	✓
5250						
4090			11.5	66.3	✓	✓
5250						
4100			7.9	69.9	✓	✓
5250						
4110			4.7	73.1	✓	✓
5250						
4120			0.6	77.2	✓	✓
5250						
4120			3.5	74.3	✓	✓
5260						
4110			7.0	70.8	✓	✓
5260						
4100			11.0	66.8	✓	✓
5260						
4090			14.7	69.1	✓	✓
5260						
4080			17.8	60.0	✓	✓
5260						
4080			19.5	58.3	✓	✓
5270						
4090			16.6	61.2	✓	✓
5270						
4100			12.9	64.9	✓	✓
5270						
4110			8.5	69.3	✓	✓
5270						
4120			4.5	73.3	✓	✓
5270						
4100			13.1	64.7	✓	✓
5280						
4110			10.0	67.8	✓	✓
5280						
4090			16.6	61.2	✓	✓
5280						
4090			18.5	59.3	✓	✓
5290						
4100			14.7	63.1	✓	✓
5290						
T.P.	12.80	690.55	0.07	677.75		
4130			11.1	679.5	✓	✓
5260						
4130			10.5	80.1	✓	✓
5250						
4120			11.6	79.0	✓	✓
5240						

Phob.

4130		690.55			
5240			7.3	689.3	✓ ✓
4120			9.2	81.4	✓ ✓
5230					
4130			5.6	85.0	✓ ✓
5230					
4130			3.5	87.1	✓ ✓
5220					
4120			6.8	83.8	✓ ✓
5220					
4110			10.6	80.0	✓ ✓
5220					
4110			8.8	81.8	✓ ✓
5210					
4120			4.6	86.0	✓ ✓
5210					
4130			1.4	89.2	✓ ✓
5210					
T.P.	7.36	695.73	2.18	688.37	
4140			0.3	695.4	✓ ✓
5200					
4130			4.5	91.2	✓ ✓
5200					
4120			8.5	87.2	✓ ✓
5200					
4110			13.2	82.5	✓ ✓
5200					
4110			15.5	80.2	✓ ✓
5190					
4120			10.6	85.1	✓ ✓
5190					
4130			3.7	92.0	✓ ✓
5190					
4140			+0.5	96.2	✓ ✓
5180					
4130			5.4	90.3	✓ ✓
5180					
4120			12.1	83.6	✓ ✓
5180					
4120			15.0	80.7	✓ ✓
5170					
4130			11.3	84.4	✓ ✓
5170					
4140			4.9	90.8	✓ ✓
5170					
4140			4.0	91.7	✓ ✓
5160					
4130			7.0	88.7	✓ ✓
5160					

shw

695.73

4120 5160	10.0	685.7	✓	✓
4100 5150	13.0	82.7	✓	✓
4110 5150	7.0	88.7	✓	✓
4120 5150	4.4	91.3	✓	✓
4130 5150	0.3	95.4	✓	✓
4120 5140	0.5	95.2	✓	✓
4110 5140	3.3	92.4	✓	✓
4100 5140	7.2	88.5	✓	✓
4090 5140	10.7	85.0	✓	✓
4080 5130	9.0	86.7	✓	✓
4090 5130	5.2	90.5	✓	✓
4100 5130	2.5	93.2	✓	✓
4090 5120	1.6	94.1	✓	✓
4080 5120	5.2	90.5	✓	✓
4070 5120	10.7	85.0	✓	✓
4060 5110	11.0	84.7	✓	✓
4070 5110	5.9	89.8	✓	✓
4080 5110	1.3	94.4	✓	✓
4070 5100	2.4	93.3	✓	✓
4060 5100	8.4	87.3	✓	✓
4050 5100	12.7	83.0	✓	✓
4040 5090	13.3	82.4	✓	✓
4050 5090	8.7	87.0	✓	✓
4060 5090	4.1	91.6	✓	✓
4050 5080	5.4	90.3	✓	✓

EWE

695.73

4040			8.3	687.4	✓	✓
5080						
4030			8.0	87.7	✓	✓
5070						
4040			5.4	90.3	✓	✓
5070						
4050			1.1	94.6	✓	✓
5070						
4040			2.8	92.9	✓	✓
5060						
4030			6.5	89.2	✓	✓
5060						
4020			11.2	84.5	✓	✓
5060						
4020			10.0	85.7	✓	✓
5050						
4030			4.9	90.8	✓	✓
5050						
T.P	8.01	698.52	5.22	690.51		
4040			1.9	696.6	✓	✓
5050						
4030			3.0	95.5	✓	✓
5040						
4020			8.6	89.9	✓	✓
5040						
4010			13.6	84.9	✓	✓
5040						
4000			13.6	84.9	✓	✓
5030						
4010			7.8	90.7	✓	✓
5030						
4020			4.0	94.5	✓	✓
5030						
4030			0.2	98.3	✓	✓
5030						
4020			1.1	97.4	✓	✓
5020						
4010			4.6	93.9	✓	✓
5020						
4000			10.3	88.2	✓	✓
5020						
3990			14.1	84.4	✓	✓
5020						
3980			14.7	89.8	✓	✓
5010						
3990			9.3	89.2	✓	✓
5010						
4000			6.0	92.5	✓	✓
5010						

Shub.

		698.52			on Hub on Axis	⁴⁰⁰⁰ 5000	696.03	End March 18, 1932
B.M.								
	8.80	713.39	2.47	696.05	- check			
				704.59	= Hub on	⁴⁰²⁰ 5000		
4010			16.2	699.2	✓	✓		March 19, 1932
5010								Simpson - Notes
4020			11.4	702.0	✓	✓		Loudan - Rod
5010								Bailey - Level
4030			9.0	04.4	✓	✓		
5010								
4040			4.3	09.1	✓	✓		
5010								
4050			3.4	10.0	✓	✓		
5020								
4040			6.7	06.7	✓	✓		
5020								
4030			12.3	01.1	✓	✓		
5020								
4040			10.6	02.8	✓	✓		
5030								
4050			5.7	07.7	✓	✓		
5030								
4060			2.9	10.5	✓	✓		
5030								
4070			40.4	13.8	✓	✓		
5040								
4060			5.5	07.9	✓	✓		
5040								
4050			9.9	03.5	✓	✓		
5040								
4040			14.5	698.9	✓	✓		
5040								
4050			11.8	701.6	✓	✓		
5050								
4060			8.2	05.4	✓	✓		
5050								
4070			2.4	11.0	✓	✓		
5050								
4080			2.4	11.0	✓	✓		
5060								
4070			6.6	6.8	✓	✓		
5060								
4060			11.5	01.9	✓	✓		
5060								
4050			14.6	698.8	✓	✓		
5060								
4060			14.8	698.6	✓	✓		
5070								
4070			10.7	702.7	✓	✓		
5070								
					✓			

clear & warm.

March 19, 1932
Simpson - Notes
Loudan - Rod
Bailey - Level

✓ P.W.B.

4080	713.39				
5070		6.2	707.2	✓	✓
4090					
5070		2.6	10.8	✓	✓
4100					
5080		2.4	11.0	✓	✓
4090					
5080		5.9	07.5	✓	✓
4080					
5080		10.0	03.4	✓	✓
4070					
5080		13.9	699.5	✓	✓
4060					
5080		17.8	95.6	✓	✓
4070					
5090		16.3	97.1	✓	✓
4080					
5090		13.0	700.4	✓	✓
4090					
5090		9.0	04.4	✓	✓
4100					
5090		6.2	07.2	✓	✓
4110					
5090		2.3	11.1	✓	✓
4120					
5100		2.4	11.0	✓	✓
4110					
5100		5.2	08.2	✓	✓
4100					
5100		10.1	03.3	✓	✓
4090					
5100		14.1	699.3	✓	✓
4080					
5100		16.4	97.0	✓	✓
4090					
5110		16.5	96.9	✓	✓
4100					
5110		12.5	700.9	✓	✓
4110					
5110		10.4	03.0	✓	✓
4120					
5110		5.7	07.7	✓	✓
4130					
5110		2.4	11.0	✓	✓
4140					
5120		1.8	11.6	✓	✓
4130					
5120		7.0	06.4	✓	✓
4120					
5120		9.4	04.0	✓	✓

llw

		713.39						
4110								
5120			12.0	701.4	✓	✓		
4100								
5120			15.5	697.9	✓	✓		
4110								
5130			15.6	97.8	✓	✓		
4120								
5130			13.8	99.6	✓	✓		
4130								
5130			9.5	703.9	✓	✓		
4140								
5130			6.2	07.2	✓	✓		
4150								
5130			2.9	11.0	✓	✓		
B.M	6.32	710.91 710.89	8.80	704.59	on Nub	on Axis	4020 5000	El. 704.59
4150								
5140			3.5	07.4	✓	✓		
4140								
5140			8.4	02.5	✓	✓		
4130								
5140			12.0	698.9	✓	✓		
4140								
5150			13.0	97.9	✓	✓		
4150								
5150			8.1	702.8	✓	✓		
4150								
5160			11.0	699.9	✓	✓		
T.P.	12.86	723.48	0.27	710.64? 710.62				
4150								
5120			7.9	715.6	✓	✓		
4160								
5120			3.4	20.1	✓	✓		
4160								
5110			+1.0	24.5	✓	✓		
4150								
5110			3.2	20.3	✓	✓		
4140								
5110			7.6	15.9	✓	✓		
4130								
5100			8.6	14.9	✓	✓		
4140								
5100			4.4	19.1	✓	✓		
4150								
5100			+0.6	24.1	✓	✓		
4140								
5090			+0.3	23.8	✓	✓		
4130								
5090			4.5	19.0 28.0	✓	✓		
				Blwb.				

723.48

4120					
5090	8.5	715.0	✓	✓	
4110					
5080	9.0	14.5	✓	✓	
4120					
5080	4.7	18.8	✓	✓	
4130					
5080	0.1	23.4	✓	✓	
4120					
5070	0.7	22.8	✓	✓	
4110					
5070	4.6	18.9	✓	✓	
4100					
5070	9.2	14.3	✓	✓	
4090					
5060	9.1	14.4	✓	✓	
4100					
5060	5.0	18.5	✓	✓	
4110					
5060	0.8	22.7	✓	✓	
4100					
5050	1.2	22.3	✓	✓	
4090					
5050	4.9	18.6	✓	✓	
4080					
5050	8.0	15.5	✓	✓	
4080					
5040	4.8	18.7	✓	✓	
4090					
5040	0.8	22.7	✓	✓	
4080					
5030	1.1	22.4	✓	✓	
4070					
5030	7.4	16.1	✓	✓	
4060					
5020	7.8	15.7	✓	✓	
4070					
5020	3.2	20.3	✓	✓	
4070					
5010	0.8	22.7	✓	✓	
4060					
5010	4.8	18.7	✓	✓	
4050					
5010	6.2	17.3	✓	✓	
B.M.	3.49	719.99	= check		
4080	8.51	743.08			
5010	12.5	730.6	✓	✓	

N 4050
on Hub on Axis E 5000 EI. 719.94
N 4080
Axis E 5000

Hub.

743.08

4090 5010	8.9	734.2	✓	✓
4100 5010	7.5	38.6	✓	✓
4110 5010	0.5	42.6	✓	✓
4120 5020	0.6	42.5	✓	✓
4110 5020	3.6	39.5	✓	✓
4100 5020	7.6	35.5	✓	✓
4090 5020	11.2	31.9	✓	✓
4080 5020	17.2	25.9	✓	✓
4090 5030	16.4	26.7	✓	✓
4100 5030	11.4	31.7	✓	✓
4110 5030	9.2	33.9	✓	✓
4120 5030	4.5	38.6	✓	✓
4130 5030	0.2	42.9	✓	✓
4140 5040	1.0	42.1	✓	✓
4130 5040	4.6	38.5	✓	✓
4120 5040	9.1	34.0	✓	✓
4110 5040	12.8	30.3	✓	✓
4100 5040	16.7	26.4	✓	✓
4110 5050	16.7	26.4	✓	✓
4120 5050	13.1	30.0	✓	✓
4130 5050	8.6	34.5	✓	✓
4140 5050	4.4	38.7	✓	✓
4150 5050	+1.0	44.1	✓	✓
4160 5060	0.0	43.1	✓	✓
4150 5060	3.7	739.4	✓	✓

GWB.

743.08

4140					
5060	7.9	735.2	✓	✓	
4130					
5060	12.5	30.6	✓	✓	
4120					
5060	17.9	25.2	✓	✓	
4130					
5070	16.1	27.0	✓	✓	
4140					
5070	12.2	30.9	✓	✓	
4150					
5070	7.4	35.7	✓	✓	
4160					
5070	3.5	39.6	✓	✓	
4170					
5070	0.4	42.7	✓	✓	
4180					
5080	0.8	42.3	✓	✓	
4170					
5080	4.2	38.9	✓	✓	
4160					
5080	8.8	34.3	✓	✓	
4150					
5080	11.5	31.6	✓	✓	
4140					
5080	15.1	28.0	✓	✓	
4150					
5090	14.8	28.3	✓	✓	
4160					
5090	11.5	31.6	✓	✓	
4170					
5090	7.4	35.7	✓	✓	
4180					
5090	3.4	39.7	✓	✓	
4190					
5100	2.5	40.6	✓	✓	
4180					
5100	7.0	36.1	✓	✓	
4170					
5100	11.0	32.1	✓	✓	
4160					
5100	14.9	28.2	✓	✓	
4170					
5110	13.4	29.7	✓	✓	
4180					
5110	10.2	32.9	✓	✓	
4190					
5110	5.6	37.5	✓	✓	

B.M.

851 734.57 = check

psw

on Hub on AXIS N4080 E 5000

B.M.	9.63	759.12	749.49	Nub on	AXIS	N 4120 E 5000
4120 5010		13.6	745.5	✓	✓	
4130 5010		9.9	49.2	✓	✓	
4140 5010		6.1	59.0	✓	✓	
4150 5010		1.0	58.1	✓	✓	
4160 5020		0.0	59.1	✓	✓	
4150 5020		4.9	54.2	✓	✓	
4140 5020		8.7	50.4	✓	✓	
4130 5020		12.5	46.6	✓	✓	
4140 5030		13.3	45.8	✓	✓	
4150 5030		7.2	51.9	✓	✓	
4160 5030		4.5	54.6	✓	✓	
4170 5040		3.7	55.4	✓	✓	
4160 5040		7.8	51.3	✓	✓	
4150 5040		12.5	46.6	✓	✓	
4160 5050		12.0	47.1	✓	✓	
4170 5050		6.1	53.0	✓	✓	
4180 5050		2.3	56.8	✓	✓	
4190 5060		2.5	56.6	✓	✓	
4180 5060		6.8	52.3	✓	✓	
4170 5060		11.1	48.0	✓	✓	
4180 5070		9.5	49.6	✓	✓	
4190 5070		5.8	53.3	✓	✓	
4200 5070		2.6	56.5	✓	✓	
4200 5080		4.6	754.5	✓	✓	

Edw.

4190 5080		759.12	8.6	750.5	✓	✓
4190 5090			14.3	44.8	✓	✓
4200 5090			10.5	48.6	✓	✓
4200 5100			13.0	46.1	✓	✓
B.M.			0.09	759.03	= check	
B.M.	10.51	776.44		765.93	= Hub	
4160 5010			14.6	761.8	✓	✓
4170 5010			9.2	67.2	✓	✓
4180 5010			3.9	72.5	✓	✓
4190 5010			+1.2	77.6	✓	✓
4200 5010			+3.4	79.8	✓	✓
4200 5020			+2.3	78.7	✓	✓
4190 5020			3.7	72.7	✓	✓
4180 5020			8.0	68.4	✓	✓
4170 5020			13.4	63.0	✓	✓
4170 5030			19.0	57.4	✓	✓
4180 5030			12.2	64.2	✓	✓
4190 5030			6.4	70.0	✓	✓
4200 5030			1.3	75.1	✓	✓
4200 5040			5.8	70.6	✓	✓
4190 5040			8.8	67.6	✓	✓
4180 5040			14.7	61.7	✓	✓
4190 5050			14.6	61.8	✓	✓
4200 5050			9.2	67.2	✓	✓
4200 5060			14.0	762.4	✓	✓

W.W.

Hub on AXIS ^{N4140} E5000 E.I. 759.01

at North end AXIS ^{N4160} E5000.

776.44

B.M.

0.99

775.45 = check

Hub on Axis ^{N 4180} E 5000 El. 775.45

B.M.

5.79

567.64

561.85 - Hub on

Axis ^{N 3560} E 5000

	4.03	567.93	3.74	563.90		
3480			0.0	67.9	✓	✓
5720			3.6	64.3	✓	✓
3490			3.4	64.5	✓	✓
5730			0.7	67.2	✓	✓
3480			3.2	64.7	✓	✓
5740			3.5	64.4	✓	✓
3490			3.2	64.7	✓	✓
5750			3.1	64.8	✓	✓
3480			0.9	67.0	✓	✓
5750			+0.5	68.4	✓	✓
3460			2.3	65.6	✓	✓
5760			2.7	65.2	✓	✓
3480			3.0	64.9	✓	✓
5760			3.4	64.5	✓	✓
3490			2.3	65.6	✓	✓
5770			1.7	66.2	✓	✓
3470			1.2	66.7	✓	✓
5770			0.0	67.9	✓	✓
3460			0.8	67.1	✓	✓
5780						

P.W.S.

567.93

3470					
5780	1.7	566.2	✓	✓	
3480					
5780	2.6	65.3	✓	✓	
3490					
5780	3.2	64.7	✓	✓	
3490					
5790	2.6	65.3	✓	✓	
3480					
5790	1.7	66.2	✓	✓	
3470					
5790	1.0	66.9	✓	✓	
3460					
5790	0.0	67.9	✓	✓	
3440					
5800	2.0	65.9	✓	✓	
3450					
5800	1.7	66.2	✓	✓	
3460					
5800	1.8	66.1	✓	✓	
3470					
5800	2.8	65.1	✓	✓	
3480					
5800	3.2	64.7	✓	✓	
3490					
5800	3.7	64.2	✓	✓	
3430					
5810	1.5	66.4	✓	✓	
440					
810	2.6	65.3	✓	✓	
450					
810	3.1	64.8	✓	✓	
460					
810	3.0	64.9	✓	✓	
470					
810	3.4	64.5	✓	✓	
480					
810	3.7	64.2	✓	✓	
490					
810	4.0	63.9	✓	✓	
3500					
810	4.1	63.8	✓	✓	
510					
810	4.9	63.0	✓	✓	
520					
810	5.1	62.8	✓	✓	
530					
810	5.4	62.5	✓	✓	
540					
810	5.6	562.3	✓	✓	

E.W.B.

567.93

3550					
5810	5.7	562.2	✓	✓	
560					
810	6.9	61.0	✓	✓	
570					
810	6.6	61.3	✓	✓	
580					
810	7.8	60.1	✓	✓	
590					
810	8.3	59.6	✓	✓	
3600					
810	8.2	59.7	✓	✓	
610					
810	7.7	60.2	✓	✓	
620					
810	6.4	61.5	✓	✓	
630					
810	6.2	61.7	✓	✓	
640					
810	6.6	61.3	✓	✓	
650					
810	7.0	60.9	✓	✓	
660					
810	6.8	61.1	✓	✓	
670					
810	6.1	61.8	✓	✓	
680					
810	6.1	61.8	✓	✓	
690					
810	7.7	60.2	✓	✓	
3700					
810	9.2	58.7	✓	✓	
3700					
820	9.2	58.7	✓	✓	
3690					
820	7.9	60.0	✓	✓	
680					
820	7.0	60.9	✓	✓	
670					
820	6.3	61.6	✓	✓	
660					
820	6.4	61.5	✓	✓	
650					
820	6.8	61.1	✓	✓	
640					
820	6.7	61.2	✓	✓	
630					
820	6.4	61.5	✓	✓	
620					
820	6.4	61.5	✓	✓	

P.W.O.

567.93

3610					
5820	6.0	561.9	✓	✓	
3600					
820	7.9	60.0	✓	✓	
3590					
820	8.4	59.5	✓	✓	
580					
820	7.7	60.2	✓	✓	
570					
820	7.4	60.5	✓	✓	
560					
820	7.4	60.5	✓	✓	
550					
820	5.9	62.0	✓	✓	
540					
820	5.5	62.4	✓	✓	
530					
820	5.4	62.5	✓	✓	
520					
820	5.2	62.7	✓	✓	
510					
820	5.3	62.6	✓	✓	
3500					
820	4.3	63.6	✓	✓	
3490					
820	3.9	64.0	✓	✓	
480					
820	4.2	63.7	✓	✓	
470					
820	3.7	64.2	✓	✓	
460					
820	4.1	63.8	✓	✓	
450					
820	4.4	63.5	✓	✓	
440					
820	4.2	63.7	✓	✓	
430					
820	3.0	64.9	✓	✓	
420					
820	0.6	67.3	✓	✓	
420					
830	2.7	65.2	✓	✓	
430					
830	4.1	63.8	✓	✓	
440					
830	4.7	63.2	✓	✓	
450					
830	3.9	64.0	✓	✓	
460					
830	3.1	64.8	✓	✓	

BWB

567.93

3470					
5830	4.0	563.9	✓	✓	
480					
830	4.5	63.4	✓	✓	
490					
830	5.1	62.8	✓	✓	
3500					
830	5.5	62.4	✓	✓	
570					
830	5.4	62.5	✓	✓	
520					
830	5.5	62.4	✓	✓	
530					
830	5.5	62.4	✓	✓	
540					
830	5.7	62.2	✓	✓	
550					
830	6.9	61.0	✓	✓	
560					
830	7.2	60.7	✓	✓	
570					
830	7.9	60.0	✓	✓	
580					
830	8.4	59.5	✓	✓	
590					
830	8.3	59.6	✓	✓	
3600					
830	5.7	62.2	✓	✓	
610					
830	6.4	61.5	✓	✓	
620					
830	6.3	61.6	✓	✓	
630					
830	6.5	61.4	✓	✓	
640					
830	6.7	61.2	✓	✓	
650					
830	6.5	61.4	✓	✓	
660					
830	6.1	61.8	✓	✓	
670					
830	7.0	60.9	✓	✓	
680					
830	7.9	60.0	✓	✓	
690					
830	9.2	58.7	✓	✓	
690					
840	9.1	58.8	✓	✓	
680					
840	7.7	60.2	✓	✓	

PWS

567.93

3670					
5840	7.6	560.3	✓	✓	
660					
840	7.0	60.9	✓	✓	
650					
840	6.5	61.4	✓	✓	
640					
840	6.6	61.3	✓	✓	
630					
840	6.4	61.5	✓	✓	
620					
840	6.5	61.4	✓	✓	
610					
840	6.4	61.5	✓	✓	
600					
840	6.1	61.8	✓	✓	
3590					
840	5.7	62.2	✓	✓	
580					
840	7.8	60.1	✓	✓	
570					
840	8.2	59.7	✓	✓	
560					
840	8.2	59.7	✓	✓	
550					
840	7.9	60.0	✓	✓	
540					
840	6.6	61.3	✓	✓	
530					
840	5.8	62.1	✓	✓	
520					
840	5.5	62.4	✓	✓	
510					
840	5.6	62.3	✓	✓	
500					
840	5.5	62.4	✓	✓	
3490					
840	5.4	62.5	✓	✓	
480					
840	5.3	62.6	✓	✓	
470					
840	5.4	62.5	✓	✓	
460					
840	4.5	63.4	✓	✓	
450					
840	3.7	64.2	✓	✓	
440					
840	4.9	63.0	✓	✓	
430					
840	4.5	63.4	✓	✓	

G.W.

3420	567.93				
5840		3.7	564.2	✓	✓
410					
840		1.8	66.1	✓	✓
400					
850		1.0	66.9	✓	✓
410					
850		3.6	64.3	✓	✓
420					
850		4.2	63.7	✓	✓
430					
850		4.1	63.8	✓	✓
440					
850		4.7	63.2	✓	✓
450					
850		4.8	63.1	✓	✓
460					
850		5.3	62.6	✓	✓
470					
850		5.3	62.6	✓	✓
480					
850		5.3	62.6	✓	✓
490					
850		5.3	62.6	✓	✓
3500					
850		5.4	62.5	✓	✓
510					
850		5.5	62.4	✓	✓
520					
850		5.7	62.2	✓	✓
530					
850		6.5	61.4	✓	✓
540					
850		7.7	60.2	✓	✓
550					
850		7.3	60.6	✓	✓
560					
850		8.1	59.8	✓	✓
570					
850		6.6	61.3	✓	✓
580					
850		6.4	61.5	✓	✓
590					
850		6.0	61.9	✓	✓
600					
850		6.3	61.6	✓	✓
610					
850		6.4	61.5	✓	✓
620					
850		6.5	61.4	✓	✓

✓ 61.6

567.93

3630					
5850	6.6	561.3	✓	✓	
640					
850	6.9	61.0	✓	✓	
650					
850	6.7	61.2	✓	✓	
660					
850	7.4	60.5	✓	✓	
670					
850	7.8	60.1	✓	✓	
680					
850	9.2	58.7	✓	✓	←
670					
860	9.2	58.7	✓	✓	
660					
860	6.9	61.0	✓	✓	
650					
860	7.1	60.8	✓	✓	
640					
860	6.0	61.9	✓	✓	
630					
860	6.2	61.7	✓	✓	
620					
860	6.5	61.4	✓	✓	
610					
860	6.4	61.5	✓	✓	
600					
860	6.2	61.7	✓	✓	
590					
860	6.1	61.8	✓	✓	
580					
860	6.2	61.7	✓	✓	
570					
860	6.0	61.9	✓	✓	
560					
860	7.3	60.6	✓	✓	
550					
860	7.4	60.5	✓	✓	
540					
860	7.4	60.5	✓	✓	
530					
860	7.5	60.4	✓	✓	
520					
860	5.9	62.0	✓	✓	
510					
860	5.5	62.4	✓	✓	
500					
860	5.4	62.5	✓	✓	
490					
860	5.5	62.4	✓	✓	

✓ 62.6

567.93

3480					
5860	5.3	562.6	✓	✓	
470					
860	5.5	62.4	✓	✓	
460					
860	5.4	62.5	✓	✓	
450					
860	5.3	62.6	✓	✓	
440					
860	5.3	62.6	✓	✓	
430					
860	4.8	63.1	✓	✓	
420					
860	4.8	63.1	✓	✓	
410					
860	4.2	63.7	✓	✓	
400					
860	2.7	65.2	✓	✓	
400					
870	4.0	63.9	✓	✓	
410					
870	5.2	62.7	✓	✓	
420					
870	5.4	62.5	✓	✓	
430					
870	5.3	62.6	✓	✓	
440					
870	5.3	62.6	✓	✓	
450					
870	5.2	62.7	✓	✓	
460					
870	5.3	62.6	✓	✓	
470					
870	5.1	62.8	✓	✓	
480					
870	5.4	62.5	✓	✓	
490					
870	5.5	62.4	✓	✓	
500					
870	5.7	62.2	✓	✓	
510					
870	6.0	61.9	✓	✓	
520					
870	6.5	61.4	✓	✓	
530					
870	7.0	60.9	✓	✓	
540					
870	7.2	60.7	✓	✓	
550					
870	7.5	60.4	✓	✓	

✓ shw.

567.93

3560				
5870	6.6	561.3	✓	✓
570				
870	6.1	61.8	✓	✓
580				
870	6.0	61.9	✓	✓
590				
870	6.2	61.7	✓	✓ ←
600				
870	6.5	61.4	✓	✓
610				
870	6.4	61.5	✓	✓
620				
870	6.1	61.8	✓	✓
630				
870	6.4	61.5	✓	✓
640				
870	6.6	61.3	✓	✓
650				
870	7.4	60.5	✓	✓
660				
870	8.6	59.3	✓	✓
660				
880	9.1	58.8	✓	✓
650				
880	8.1	59.8	✓	✓
640				
880	7.6	60.3	✓	✓
630				
880	6.7	61.2	✓	✓
620				
880	6.3	61.6	✓	✓
610				
880	6.2	61.7	✓	✓
600				
880	6.4	61.5	✓	✓
590				
880	6.3	61.6	✓	✓
580				
880	6.2	61.7	✓	✓
570				
880	6.0	61.9	✓	✓
560				
880	6.5	61.4	✓	✓
550				
880	7.1	60.8	✓	✓
540				
880	7.5	60.4	✓	✓
530				
880	6.9	61.0	✓	✓

H.W.

567.93

3520				
5880	6.7	561.2	✓	✓
510				
880	6.4	61.5	✓	✓
500				
880	6.0	61.9	✓	✓
490				
880	5.7	62.2	✓	✓
480				
880	5.6	62.3	✓	✓
470				
880	5.4	62.5	✓	✓
460				
880	5.3	62.6	✓	✓
450				
880	4.8	63.1	✓	✓
440				
880	5.3	62.6	✓	✓
430				
880	5.3	62.6	✓	✓
420				
880	5.5	62.4	✓	✓
410				
880	5.0	62.9	✓	✓
400				
880	5.3	62.6	✓	✓
390				
880	2.3	65.6	✓	✓
380				
880	0.7	67.2	✓	✓
370				
890	0.3	67.6	✓	✓
380				
890	1.7	66.2	✓	✓
390				
890	5.1	62.8	✓	✓
400				
890	4.9	63.0	✓	✓
410				
890	5.2	62.7	✓	✓
420				
890	5.2	62.7	✓	✓
430				
890	5.3	62.6	✓	✓
440				
890	4.6	63.3	✓	✓
450				
890	4.4	63.5	✓	✓
460				
890	5.1	62.8	✓	✓

fwhp

	567.93			
3470				
5890	5.5	562.4	✓	✓
480				
890	5.8	62.1	✓	✓
490				
890	5.8	62.1	✓	✓
500				
890	6.1	61.8	✓	✓
510				
890	6.6	61.3	✓	✓
520				
890	6.6	61.3	✓	✓
530				
890	7.6	60.3	✓	✓
540				
890	7.3	60.6	✓	✓
550				
890	6.8	61.1	✓	✓
560				
890	6.2	61.7	✓	✓
570				
890	6.1	61.8	✓	✓
580				
890	6.3	61.6	✓	✓
590				
890	6.2	61.7	✓	✓
600				
890	5.9	62.0	✓	✓
610				
890	6.6	61.3	✓	✓
620				
890	7.0	60.9	✓	✓
630				
890	7.3	60.6	✓	✓
640				
890	8.8	59.1	✓	✓
630				
5900	8.8	59.1	✓	✓
620				
900	7.4	60.5	✓	✓
610				
900	6.4	61.5	✓	✓
600				
900	6.5	61.4	✓	✓
590				
900	6.1	61.8	✓	✓
580				
900	6.2	61.7	✓	✓
570				
900	6.3	61.6	✓	✓
		1916		

	567.93				
3560		6.3	561.6	✓	✓
5900					
550		6.6	61.3	✓	✓
900					
540		6.5	61.4	✓	✓
900					
530		5.8	62.1	✓	✓
900					
520		7.2	60.7	✓	✓
900					
510		6.7	61.2	✓	✓
900					
500		6.4	61.5	✓	✓
900					
490		6.0	61.9	✓	✓
900					
480		5.7	62.2	✓	✓
900					
470		5.5	62.4	✓	✓
900					
460		5.6	62.3	✓	✓
900					
450		5.1	62.8	✓	✓
900					
440		4.4	63.5	✓	✓
900					
430		4.6	63.3	✓	✓
900					
420		5.4	62.5	✓	✓
900					
410		5.3	62.6	✓	✓
900					
400		5.2	62.7	✓	✓
900					
390		5.2	62.7	✓	✓
900					
380		4.5	63.4	✓	✓
900					
370		1.6	66.3	✓	✓
900					
360		1.3	66.6	✓	✓
910					
370		4.3	63.6	✓	✓
910					
380		5.1	62.8	✓	✓
910					
390		5.3	62.6	✓	✓
910					
400		5.3	62.6	✓	✓
910					

PWB

	567.93				
3410					
5910		5.3	562.6	✓	✓
120					
910		3.9	64.0	✓	✓
430					
910		4.1	63.8	✓	✓
440					
910		5.4	62.5	✓	✓
450					
910		5.7	62.2	✓	✓
460					
910		5.3	62.6	✓	✓
470					
910		5.5	62.4	✓	✓
480					
910		6.0	61.9	✓	✓
490					
910		6.3	61.6	✓	✓
500					
910		6.5	61.4	✓	✓
510					
910		6.9	61.0	✓	✓
520					
910		6.1	61.8	✓	✓
530					
910		5.5	62.4	✓	✓
540					
910		6.6	61.3	✓	✓
550					
910		6.7	61.2	✓	✓
560					
910		6.4	61.5	✓	✓
570					
910		6.4	61.5	✓	✓
580					
910		6.5	61.4	✓	✓
590					
910		6.6	61.3	✓	✓
600					
910		6.8	61.1	✓	✓
610					
910		7.4	60.5	✓	✓
620					
910		8.9	59.0	✓	✓
610					
920		8.6	59.3	✓	✓
600					
920		7.3	60.6	✓	✓
590					
920		6.7	61.2	✓	✓

606

567.93

3580				
5920	6.4	561.5	✓	✓
570				
920	6.4	61.5	✓	✓
560				
920	6.2	61.7	✓	✓
550				
920	6.5	61.4	✓	✓
540				
920	6.6	61.3	✓	✓
530				
920	6.4	61.5	✓	✓
520				
920	4.9	63.0	✓	✓
510				
920	5.2	62.7	✓	✓
500				
920	5.7	62.2	✓	✓
490				
920	6.4	61.5	✓	✓
480				
920	6.0	61.9	✓	✓
470				
920	5.7	62.2	✓	✓
3460				
5920	5.7	62.2	✓	✓
450				
920	5.1	62.8	✓	✓
440				
920	5.4	62.5	✓	✓
430				
920	5.2	62.7	✓	✓
3420				
5920	4.5	63.4	✓	✓
410				
920	4.1	63.8	✓	✓
400				
920	5.2	62.7	✓	✓
390				
920	5.1	62.8	✓	✓
380				
920	5.2	62.7	✓	✓
370				
920	4.8	63.1	✓	✓
360				
920	4.1	63.8	✓	✓
350				
920	1.3	66.6	✓	✓

0.31 567.62 on

" G.W.B.

1.21" stake N 3380
E 5880

End - Mar. 19, 1932

	1.00	568.62	567.62		
3350					
5930		4.2	564.4	✓	✓
360					
930		5.5	63.1	✓	✓
370					
930		5.5	63.1	✓	✓
380					
930		5.7	62.9	✓	✓
390					
930		5.9	62.7	✓	✓
400					
930		5.6	63.0	✓	✓
410					
930		5.5	63.1	✓	✓
420					
930		5.9	62.7	✓	✓
430					
930		6.0	62.6	✓	✓
440					
930		6.1	62.5	✓	✓
450					
930		6.1	62.5	✓	✓
460					
930		6.2	62.4	✓	✓
470					
930		6.1	62.5	✓	✓
480					
930		6.1	62.5	✓	✓
490					
930		5.8	62.8	✓	✓
500					
930		5.9	62.7	✓	✓
510					
930		5.5	63.1	✓	✓
520					
930		7.0	61.6	✓	✓
530					
930		7.2	61.4	✓	✓
540					
930		7.3	61.3	✓	✓
550					
930		7.2	61.4	✓	✓
560					
930		7.3	61.3	✓	✓
570					
930		7.4	61.2	✓	✓
580					
930		7.4	61.2	✓	✓

Edw. W. C.

March 21, 1932
Simpson - notes
Louden - Rod
Bailey - level

clear & warm

568.62

3590				
5930	8.2	560.4	✓	✓
600				
730	9.6	59.0	✓	✓
590				
740	7.3	59.3	✓	✓
580				
940	8.3	60.3	✓	✓
570				
740	7.6	61.0	✓	✓
560				
940	7.8	60.8	✓	✓
550				
740	7.2	61.4	✓	✓
540				
740	6.8	61.8	✓	✓
530				
740	7.0	61.6	✓	✓
520				
940	7.2	61.4	✓	✓
510				
940	7.0	61.6	✓	✓
500				
940	6.8	61.8	✓	✓
490				
940	6.3	62.3	✓	✓
480				
940	6.0	62.6	✓	✓
470				
940	5.8	62.8	✓	✓
460				
940	5.9	62.7	✓	✓
450				
940	6.2	62.4	✓	✓
440				
940	6.1	62.5	✓	✓
430				
940	6.1	62.5	✓	✓
420				
940	6.0	62.6	✓	✓
410				
940	5.6	63.0	✓	✓
400				
940	5.9	62.7	✓	✓
390				
940	5.8	62.8	✓	✓
380				
940	5.9	62.7	✓	✓
370				
940	5.7	62.9	✓	✓

Whole

568.62

3360				
5940	5.9	562.7	✓	✓
350				
940	5.3	63.3	✓	✓
340				
940	3.7	64.9	✓	✓
330				
950	0.9	67.7	✓	✓
340				
950	5.5	63.1	✓	✓
350				
950	6.0	62.6	✓	✓
360				
950	5.7	62.9	✓	✓
370				
950	5.8	62.8	✓	✓
380				
950	5.8	62.8	✓	✓
390				
950	5.7	62.9	✓	✓
400				
950	5.4	63.2	✓	✓
410				
950	6.2	62.4	✓	✓
420				
950	6.2	62.4	✓	✓
430				
950	5.9	62.7	✓	✓
440				
950	5.9	62.7	✓	✓
450				
950	5.7	62.9	✓	✓
460				
950	6.1	62.5	✓	✓
470				
950	6.4	62.2	✓	✓
480				
950	6.5	62.1	✓	✓
490				
950	6.8	61.8	✓	✓
500				
950	6.7	61.9	✓	✓
510				
950	6.8	61.8	✓	✓
520				
950	7.1	61.5	✓	✓
530				
950	7.5	61.1	✓	✓
540				
950	7.7	60.9	✓	✓

✓ HWB

568.62

3550				
5950	7.9	560.7	✓	✓
560	8.0	60.6	✓	✓
950	9.2	59.4	✓	✓
560	9.6	59.0	✓	✓
850	8.0	60.6	✓	✓
960	7.7	60.9	✓	✓
540	7.5	61.1	✓	✓
960	7.6	61.0	✓	✓
530	7.2	61.4	✓	✓
960	6.6	62.0	✓	✓
520	6.3	62.3	✓	✓
960	6.1	62.5	✓	✓
510	6.6	62.0	✓	✓
960	6.5	62.1	✓	✓
500	6.0	62.6	✓	✓
960	5.9	62.7	✓	✓
490	5.7	62.9	✓	✓
960	5.7	62.9	✓	✓
480	6.2	62.4	✓	✓
960	6.7	61.9	✓	✓
470	6.3	62.3	✓	✓
960	6.0	62.6	✓	✓
460	5.8	62.8	✓	✓
960	5.8	62.8	✓	✓
450	5.7	62.9	✓	✓
960				
440				
960				
430				
960				
420				
960				
410				
960				
400				
960				
390				
960				
380				
960				
370				
960				
360				
960				
350				
960				

HWB

568.62

3340					
5960	5.7	562.9	✓	✓	
330	2.6	66.0	✓	✓	
960					
320	1.1	67.5	✓	✓	
970					
330	4.0	64.6	✓	✓	
970					
340	5.7	62.9	✓	✓	
970					
350	6.0	62.6	✓	✓	
970					
360	5.8	62.8	✓	✓	
970					
370	5.9	62.7	✓	✓	
970					
380	6.1	62.5	✓	✓	
970					
390	5.9	62.7	✓	✓	
970					
400	5.4	63.2	✓	✓	
970					
410	4.5	64.1	✓	✓	←
970					
420	5.5	63.1	✓	✓	
970					
430	5.8	62.8	✓	✓	
970					
440	6.0	62.6	✓	✓	
970					
450	5.8	62.8	✓	✓	
970					
460	5.8	62.8	✓	✓	
970					
470	6.0	62.6	✓	✓	
970					
480	6.4	62.2	✓	✓	
970					
490	6.9	61.7	✓	✓	
970					
500	7.2	61.4	✓	✓	
970					
510	7.4	61.2	✓	✓	
970					
520	7.6	61.0	✓	✓	
970					
530	7.9	60.7	✓	✓	
970					
540	8.0	60.6	✓	✓	
970					

LWB

568.62

3550					
5970	9.9	559.2	✓	✓	
530					
980	9.4	59.2	✓	✓	←
520					
980	8.1	60.5	✓	✓	
510					
980	7.6	61.0	✓	✓	
500					
980	7.5	61.1	✓	✓	
490					
980	7.4	61.2	✓	✓	
480					
980	7.3	61.3	✓	✓	
470					
980	7.2	61.4	✓	✓	
460					
980	6.7	61.9	✓	✓	
450					
980	6.5	62.1	✓	✓	
440					
980	5.8	62.8	✓	✓	
430					
980	6.5	62.1	✓	✓	
420					
980	6.0	62.6	✓	✓	
410					
980	6.0	62.6	✓	✓	←
400					
980	6.0	62.6	✓	✓	
390					
980	6.1	62.5	✓	✓	
380					
980	5.6	63.0	✓	✓	
370					
980	5.7	62.9	✓	✓	
360					
980	5.9	62.7	✓	✓	
350					
980	6.0	62.6	✓	✓	
340					
980	5.9	62.7	✓	✓	
330					
980	5.8	62.8	✓	✓	
320					
980	4.8	63.8	✓	✓	
310					
980	4.2	64.4	✓	✓	
300					
990	3.8	64.8	✓	✓	

WLB

568.62

3310				
5990	5.2	568.4	✓	✓
320				
990	5.8	62.8	✓	✓
330				
990	6.0	62.6	✓	✓
340				
990	5.9	62.7	✓	✓
350				
990	5.6	63.0	✓	✓
360				
990	5.7	62.9	✓	✓
370				
990	5.7	62.9	✓	✓
380				
990	5.8	62.8	✓	✓
390				
990	6.4	62.2	✓	✓ ←
400				
990	6.3	62.3	✓	✓
410				
990	6.6	62.0	✓	✓ ←
420				
990	6.9	61.7	✓	✓
430				
990	7.1	61.5	✓	✓
440				
990	7.4	61.2	✓	✓
450				
990	7.3	61.3	✓	✓
460				
990	7.4	61.2	✓	✓
470				
990	7.1	61.5	✓	✓
480				
990	7.1	61.5	✓	✓
490				
990	7.3	61.3	✓	✓
500				
990	7.9	60.7	✓	✓
510				
990	8.8	59.8	✓	✓
290				
6000	0.6	68.0	✓	✓
300				
000	4.8	63.8	✓	✓
310				
000	6.1	62.5	✓	✓
320				
000	6.2	62.4	✓	✓

WV

568.62					
3330					
6000	6.0	562.6	✓	✓	
340					
6000	5.7	62.9	✓	✓	
350					
000	5.7	62.9	✓	✓	
360					
000	5.5	63.1	✓	✓	
370					
000	5.8	62.8	✓	✓	
380					
000	6.2	62.4	✓	✓	
390					
000	6.5	62.1	✓	✓	
400					
000	6.4	62.2	✓	✓	
410					
000	6.5	62.1	✓	✓	←
420					
000	6.8	61.8	✓	✓	
430					
000	6.6	62.0	✓	✓	
440					
000	6.1	62.5	✓	✓	
450					
000	6.0	62.6	✓	✓	
460					
000	6.3	62.3	✓	✓	
470					
000	6.8	61.8	✓	✓	
480					
000	7.5	61.1	✓	✓	
490					
000	7.9	60.7	✓	✓	
500					
000	8.6	60.0	✓	✓	
490					
010	9.0	59.6	✓	✓	
480					
010	8.3	60.3	✓	✓	
470					
010	7.4	61.2	✓	✓	
460					
010	6.4	62.2	✓	✓	
450					
010	6.0	62.6	✓	✓	
440					
010	6.1	62.5	✓	✓	
430					
010	5.9	62.7	✓	✓	

BWB

56862

3420					
6010	5.9	562.7	✓	✓	
410					
010	5.9	62.7	✓	✓	←
400					
010	6.3	62.3	✓	✓	
390					
010	6.0	62.6	✓	✓	
380					
010	6.1	62.5	✓	✓	
370					
010	6.0	62.6	✓	✓	
360					
010	6.1	62.5	✓	✓	
350					
010	5.6	63.0	✓	✓	
340					
010	5.8	62.8	✓	✓	
330					
010	5.6	63.0	✓	✓	
320					
010	5.8	62.8	✓	✓	
310					
010	6.1	62.5	✓	✓	
300					
010	5.5	63.1	✓	✓	
290					
010	4.8	63.8	✓	✓	
290					
020	5.6	63.0	✓	✓	
300					
020	6.2	62.4	✓	✓	
310					
020	5.8	62.8	✓	✓	
320					
020	5.7	62.9	✓	✓	
330					
020	5.9	62.7	✓	✓	
340					
020	5.7	62.9	✓	✓	
350					
020	6.0	62.6	✓	✓	
360					
020	6.1	62.5	✓	✓	
370					
020	5.7	62.9	✓	✓	
380					
020	5.6	63.0	✓	✓	
390					
020	5.7	62.9	✓	✓	

HW6

568.62

3400					
6020	5.4	563.2	✓	✓	
410					
020	5.3	63.3	✓	✓	←
420					
020	5.4	63.2	✓	✓	
430					
020	5.5	63.1	✓	✓	
440					
020	5.9	62.7	✓	✓	
450					
020	6.5	62.1	✓	✓	
460					
020	7.5	61.1	✓	✓	
470					
020	9.2	59.4	✓	✓	
460					
030	8.9	59.7	✓	✓	
450					
030	7.7	60.9	✓	✓	
440					
030	6.5	62.1	✓	✓	
430					
030	5.8	62.8	✓	✓	
420					
030	5.7	62.9	✓	✓	
410					
030	5.4	63.2	✓	✓	←
400					
030	5.3	63.3	✓	✓	
390					
030	5.2	63.4	✓	✓	
380					
030	5.3	63.3	✓	✓	
370					
030	5.3	63.3	✓	✓	
360					
030	5.6	63.0	✓	✓	
350					
030	6.0	62.6	✓	✓	
340					
030	6.0	62.6	✓	✓	
330					
030	5.6	63.0	✓	✓	
320					
030	5.6	63.0	✓	✓	
310					
030	5.6	63.0	✓	✓	
300					
030	5.8	62.8	✓	✓	

RLW6

568.62

3290					
6030	6.0	562.6	✓	✓	
290					
040	6.0	62.6	✓	✓	
300					
040	5.8	62.8	✓	✓	
310					
040	5.6	63.0	✓	✓	
320					
040	5.6	63.0	✓	✓	
330					
040	6.0	62.6	✓	✓	
340					
040	5.9	62.7	✓	✓	
350					
040	5.7	62.9	✓	✓	
360					
040	5.1	63.5	✓	✓	
370					
040	5.1	63.5	✓	✓	
380					
040	5.0	63.6	✓	✓	
390					
040	5.2	63.4	✓	✓	
400					
040	5.7	62.9	✓	✓	
410					
040	5.7	62.9	✓	✓	←
420					
040	6.0	62.6	✓	✓	
430					
040	6.9	61.7	✓	✓	
440					
040	8.4	60.2	✓	✓	
430					
050	8.4	60.2	✓	✓	
420					
050	7.2	61.4	✓	✓	
410					
050	6.2	62.4	✓	✓	
400					
050	6.1	62.5	✓	✓	
390					
050	6.0	62.6	✓	✓	
380					
050	5.5	63.1	✓	✓	
370					
050	5.5	63.1	✓	✓	
360					
050	5.8	62.8	✓	✓	

P.W.6

568.62

3350					
6050	5.6	563.0	✓	✓	
340					
050	5.7	62.9	✓	✓	
330					
050	5.8	62.8	✓	✓	
320					
050	5.9	62.7	✓	✓	
310					
050	5.6	63.0	✓	✓	
300					
050	5.6	63.0	✓	✓	
290					
050	5.8	62.8	✓	✓	
290					
060	5.7	62.9	✓	✓	←
300					
060	5.7	62.9	✓	✓	
310					
060	5.8	62.8	✓	✓	
320					
060	6.0	62.6	✓	✓	
330					
060	5.7	62.9	✓	✓	
340					
060	5.5	63.1	✓	✓	←
350					
060	5.5	63.1	✓	✓	
360					
060	4.4	64.2	✓	✓	
370					
060	5.2	63.4	✓	✓	
380					
060	5.9	62.7	✓	✓	
390					
060	6.0	62.6	✓	✓	
400					
060	6.4	62.2	✓	✓	
410					
060	7.1	61.5	✓	✓	←
420					
060	7.7	60.9	✓	✓	
430					
060	9.1	59.5	✓	✓	
410					
070	8.8	59.8	✓	✓	←
400					
070	6.8	61.8	✓	✓	
390					
070	6.3	62.3	✓	✓	

HWL

56862

3380				
6070	5.8	56.8	✓	✓
370				
070	5.6	63.0	✓	✓
360				
070	4.7	63.9	✓	✓
350				
070	4.5	64.1	✓	✓
340				
070	5.2	63.4	✓	✓ ←
330				
070	5.4	63.2	✓	✓
320				
070	5.9	62.7	✓	✓
310				
070	5.9	62.7	✓	✓
300				
070	5.8	62.8	✓	✓
290				
070	5.7	62.9	✓	✓
290				
080	5.8	62.8	✓	✓
300				
080	5.9	62.7	✓	✓
310				
080	6.0	62.6	✓	✓
320				
080	5.2	63.4	✓	✓
330				
080	5.0	63.6	✓	✓
340				
080	4.3	64.3	✓	✓
350				
080	4.6	64.0	✓	✓
360				
080	5.7	62.9	✓	✓
370				
080	6.0	62.6	✓	✓
380				
080	6.5	62.1	✓	✓
390				
080	6.8	61.8	✓	✓
400				
080	8.5	60.1	✓	✓
390				
090	8.5	60.1	✓	✓
380				
090	7.3	61.3	✓	✓
370				
090	6.6	62.0	✓	✓

slwb

568.62

3360					
6090	6.3	562.3	✓	✓	
350					
090	5.4	63.2	✓	✓	
340					
090	4.3	64.3	✓	✓	
330					
090	4.4	64.2	✓	✓	
320					
090	5.0	63.6	✓	✓	
310					
090	5.4	63.2	✓	✓	
300					
090	5.8	62.8	✓	✓	
290					
090	5.8	62.8	✓	✓	
290					
6100	5.6	63.0	✓	✓	
300					
100	5.5	63.1	✓	✓	
310					
100	5.1	63.5	✓	✓	
320					
100	4.6	64.0	✓	✓	
330					
100	4.7	63.9	✓	✓	←
340					
100	4.7	63.9	✓	✓	
350					
100	6.4	62.2	✓	✓	
360					
100	6.3	62.3	✓	✓	
370					
100	8.4	60.2	✓	✓	←
360					
110	8.0	60.6	✓	✓	
350					
110	6.4	62.2	✓	✓	
340					
110	6.3	62.3	✓	✓	←
330					
110	5.4	63.2	✓	✓	
320					
110	5.9	62.7	✓	✓	
310					
110	5.4	63.2	✓	✓	
300					
110	5.3	63.3	✓	✓	
290					
110	5.4	63.2	✓	✓	

RWB

568.62

3290					
6120	5.3	569.3	✓	✓	
300					
120	5.4	63.2	✓	✓	
310					
120	5.8	62.8	✓	✓	
320					
120	5.8	62.8	✓	✓	
330					
120	6.3	62.3	✓	✓	
340					
120	7.6	61.0	✓	✓	
330					
130	7.6	61.0	✓	✓	
320					
130	6.5	62.1	✓	✓	
310					
130	6.3	62.3	✓	✓	
300					
130	4.7	63.9	✓	✓	
290					
130	5.3	63.3	✓	✓	
290					
140	4.9	63.7	✓	✓	
300					
140	5.7	62.9	✓	✓	
310					
140	6.5	62.1	✓	✓	
320					
140	6.7	61.9	✓	✓	
330					
140	7.7	60.9	✓	✓	
320					
150	7.6	61.0	✓	✓	
310					
150	7.9	60.7	✓	✓	
300					
150	7.8	60.8	✓	✓	
290					
150	5.5	63.1	✓	✓	
290					
160	7.5	61.1	✓	✓	

12.75 580.37 1.00 567.62

290					
5990	10.2	570.2	✓	✓	
300					
980	11.2	69.2	✓	✓	
290					
980	9.3	71.1	✓	✓	

Whole

580.37

3290					
5970	5.9	574.5	✓	✓	
300					
970	10.3	70.1	✓	✓	
310					
970	12.9	67.5	✓	✓	
320					
960	11.5	68.9	✓	✓	
510					
960	9.8	70.6	✓	✓	
300					
760	7.4	73.0	✓	✓	
290					
760	4.3	76.1	✓	✓	
280					
960	3.5	76.9	✓	✓	
280					
950	3.8	76.6	✓	✓	
290					
950	3.6	76.8	✓	✓	
300					
950	5.2	75.2	✓	✓	
310					
950	8.3	72.1	✓	✓	
320					
950	10.2	70.2	✓	✓	
330					
940	12.5	67.9	✓	✓	
320					
940	9.0	71.4	✓	✓	
310					
940	5.6	74.8	✓	✓	
300					
940	4.2	76.2	✓	✓	
290					
940	3.5	76.9	✓	✓	
280					
940	3.8	76.6	✓	✓	
280					
930	2.0	78.4	✓	✓	
290					
930	3.7	76.7	✓	✓	
300					
930	3.8	76.6	✓	✓	
310					
930	5.3	75.1	✓	✓	
320					
930	7.1	73.3	✓	✓	
330					
930	10.3	70.1	✓	✓	

✓ NWB

580.37

3340				
5930	13.7	566.7	✓	✓
340				
920	10.8	69.6	✓	✓
330				
920	7.3	73.1	✓	✓
320				
920	5.7	74.7	✓	✓
310				
920	4.2	76.2	✓	✓
300				
920	3.6	76.8	✓	✓
290				
920	4.0	76.4	✓	✓
280				
920	0.9	79.5	✓	✓
280				
910	+1.3	81.7	✓	✓
290				
910	2.8	77.6	✓	✓
300				
910	3.9	76.5	✓	✓
310				
910	3.8	76.6	✓	✓
320				
910	5.2	75.2	✓	✓
330				
910	6.5	73.9	✓	✓
340				
910	8.6	71.8	✓	✓
350				
910	10.6	69.8	✓	✓
360				
900	12.0	68.4	✓	✓
350				
900	8.0	72.4	✓	✓
340				
900	7.1	73.3	✓	✓
330				
910	5.7	74.7	✓	✓
320				
900	4.6	75.8	✓	✓
310				
900	3.5	76.9	✓	✓
300				
900	4.0	76.4	✓	✓
290				
900	0.7	79.7	✓	✓
300				
890	1.2	79.2	✓	✓

✓ 890

4
580.37

3310 5890	3.6	576.8	✓	✓
320 890	4.4	76.0	✓	✓
330 890	5.5	74.9	✓	✓
340 890	6.1	74.3	✓	✓
350 890	7.5	72.9	✓	✓
360 890	10.3	70.1	✓	✓
370 880	11.0	69.4	✓	✓
360 880	7.7	72.7	✓	✓
350 880	6.6	73.8	✓	✓
340 880	5.6	74.8	✓	✓
330 880	4.8	75.6	✓	✓
320 880	3.3	77.1	✓	✓
310 880	3.5	76.9	✓	✓
300 880	0.1	80.3	✓	✓
310 870	3.3	77.1	✓	✓
320 870	3.0	77.4	✓	✓
330 870	3.3	77.1	✓	✓
340 870	4.8	75.6	✓	✓
350 870	5.6	74.8	✓	✓
360 870	7.2	73.2	✓	✓
370 870	10.2	70.2	✓	✓
380 870	12.0	68.4	✓	✓
390 870	12.5	67.9	✓	✓
390 860	11.3	69.1	✓	✓
380 860	9.5	70.9	✓	✓

RWB

66

580.37

3370				
5860	7.4	572.0	✓	✓
360				
860	6.7	74.0	✓	✓
350				
860	5.1	75.3	✓	✓
340				
860	4.2	76.2	✓	✓
330				
860	2.8	77.6	✓	✓
320				
860	2.8	77.6	✓	✓
310				
860	+0.3	80.7	✓	✓
320				
850	2.6	77.8	✓	✓
330				
850	2.3	78.1	✓	✓
340				
850	4.0	76.4	✓	✓
350				
850	4.4	76.0	✓	✓
360				
850	5.2	75.2	✓	✓
370				
850	6.3	74.1	✓	✓
380				
850	7.7	72.7	✓	✓
390				
850	10.9	69.5	✓	✓
400				
840	11.6	68.8	✓	✓
390				
840	9.0	71.4	✓	✓
380				
840	7.3	73.1	✓	✓
370				
840	6.1	74.3	✓	✓
360				
840	4.8	75.6	✓	✓
350				
840	4.4	76.0	✓	✓
340				
840	3.6	76.8	✓	✓
330				
840	1.9	78.5	✓	✓
320				
840	2.1	78.3	✓	✓
330				
830	1.5	78.9	✓	✓

RWB

580.37

3340					
5830	1.9	578.5	✓	✓	
350					
830	4.0	76.4	✓	✓	
360					
830	4.7	75.7	✓	✓	
370					
830	5.7	74.7	✓	✓	
380					
830	6.6	73.8	✓	✓	
390					
830	7.6	72.8	✓	✓	
400					
830	10.2	70.2	✓	✓	
410					
830	12.4	68.0	✓	✓	
410					
820	11.3	69.1	✓	✓	
400					
820	8.6	71.8	✓	✓	
390					
820	7.0	73.4	✓	✓	
380					
820	5.8	74.6	✓	✓	
370					
820	5.0	75.4	✓	✓	
360					
820	4.6	75.8	✓	✓	
350					
820	3.1	77.3	✓	✓	
340					
820	1.0	79.4	✓	✓	
330					
820	1.5	78.9	✓	✓	
330					
810	0.7	79.4	✓	✓	
340					
810	0.6	79.8	✓	✓	
350					
810	2.5	77.9	✓	✓	
360					
810	4.2	76.2	✓	✓	
370					
810	4.8	75.6	✓	✓	
380					
810	6.5	73.9	✓	✓	
390					
810	6.2	74.2	✓	✓	
400					
810	6.0	74.4	✓	✓	

✓ JWB

3410	580.37				
5810		8.5	571.9	✓	✓
420				✓	✓
810		12.0	68.4	✓	✓
430				✓	✓
800		11.5	68.9	✓	✓
420				✓	✓
800		8.3	72.1	✓	✓
410				✓	✓
800		5.8	74.6	✓	✓
400				✓	✓
800		5.4	75.0	✓	✓
390				✓	✓
800		5.1	75.3	✓	✓
380				✓	✓
800		5.4	75.0	✓	✓
370				✓	✓
800		4.4	76.0	✓	✓
360				✓	✓
800		3.4	77.2	✓	✓
350				✓	✓
800		1.0	79.4	✓	✓
340				✓	✓
800		0.3	80.1	✓	✓
340				✓	✓
790		+0.3	80.7	✓	✓
350				✓	✓
790		0.4	80.7	✓	✓
360				✓	✓
790		2.9	77.5	✓	✓
370				✓	✓
790		3.7	76.7	✓	✓
380				✓	✓
790		4.9	75.5	✓	✓
390				✓	✓
790		4.5	75.9	✓	✓
400				✓	✓
790		5.0	75.4	✓	✓
410				✓	✓
790		7.7	72.7	✓	✓
420				✓	✓
790		9.3	71.1	✓	✓
430				✓	✓
790		9.8	70.6	✓	✓
440				✓	✓
790		11.9	68.5	✓	✓
450				✓	✓
790		12.7	67.7	✓	✓
440				✓	✓
780		10.4	70.0	✓	✓

✓ 1000

580.37				
3430				
5780	10.5	569.9	✓	✓
420				
780	9.5	70.9	✓	✓
410				
780	8.7	71.7	✓	✓
400				
780	4.8	75.6	✓	✓
390				
780	4.0	76.4	✓	✓
380				
780	4.2	76.2	✓	✓
370				
780	3.2	77.2	✓	✓
360				
780	1.5	78.9	✓	✓
370				
770	1.9	78.5	✓	✓
380				
770	2.9	77.5	✓	✓
390				
770	3.8	76.6	✓	✓
400				
770	6.1	74.3	✓	✓
410				
770	6.1	74.3	✓	✓
420				
770	5.3	75.1	✓	✓
430				
770	5.6	74.8	✓	✓
440				
770	6.4	74.0	✓	✓
450				
770	10.2	70.2	✓	✓
450				
760	9.9	70.5	✓	✓
440				
760	6.2	74.2	✓	✓
430				
760	5.4	75.0	✓	✓
420				
760	4.7	75.7	✓	✓
410				
760	4.0	76.4	✓	✓
400				
760	6.8	73.6	✓	✓
390				
760	3.8	76.6	✓	✓
380				
760	2.4	78.0	✓	✓

(M)

		580.37			
3370					
5760		1.6	578.8	✓	✓
370					
750		1.0	79.4	✓	✓
380					
750		5.0	75.4	✓	✓
390					
750		5.6	74.8	✓	✓
400					
750		4.4	76.0	✓	✓
410					
750		3.5	76.9	✓	✓
420					
750		4.2	76.2	✓	✓
430					
750		5.1	75.3	✓	✓
440					
750		5.8	74.6	✓	✓
450					
750		7.0	73.4	✓	✓
460					
750		11.6	68.8	✓	✓
470					
740		11.9	68.5	✓	✓
460					
740		11.1	69.3	✓	✓
450					
740		6.2	74.2	✓	✓
440					
740		5.5	74.9	✓	✓
430					
740		4.7	75.7	✓	✓
420					
740		3.9	76.5	✓	✓
410					
740		3.1	77.3	✓	✓
400					
740		2.1	78.3	✓	✓
390					
740		5.0	75.4	✓	✓
380					
740		4.3	76.1	✓	✓
370					
740		0.0	80.4	✓	✓
370					
730		1.0	79.4	✓	✓
380					
730		3.7	76.7	✓	✓
390					
730		1.0	79.4	✓	✓
			79.4		

3400	580.37				
5730		1.9	578.5	✓	✓
410		2.9	77.5	✓	✓
730					
420		3.6	76.8	✓	✓
730					
430		4.0	76.2	✓	✓
730					
440		5.0	75.2	✓	✓
730					
450		5.5	74.9	✓	✓
730					
460		9.8	70.6	✓	✓
730					
470		11.4	69.0	✓	✓
730					
470		11.4	69.0	✓	✓
720					
460		8.8	71.6	✓	✓
720					
450		5.4	75.0	✓	✓
720					
440		4.7	75.7	✓	✓
720					
430		4.1	76.3	✓	✓
720					
420		3.1	77.3	✓	✓
720					
410		2.7	77.7	✓	✓
720					
400		1.7	78.7	✓	✓
720					
390		0.5	79.9	✓	✓
720					
380		1.5	78.9	✓	✓
720					
380		0.2	80.2	✓	✓
710					
390		0.4	80.0	✓	✓
710					
400		1.1	79.3	✓	✓
710					
410		2.3	78.1	✓	✓
710					
420		3.3	77.1	✓	✓
710					
430		4.1	76.3	✓	✓
710					
440		4.7	75.7	✓	✓
710					

✓ (M)

3450 5710	580.37	5.2	575.2	✓	✓
460 710		6.2	74.2	✓	✓
470 710		10.4	70.0	✓	✓
480 710		12.0	68.4	✓	✓
490 710		15.9	64.5	✓	✓
490 700		15.5	64.9	✓	✓
480 700		11.7	68.7	✓	✓
470 700		7.8	72.6	✓	✓
460 700		5.8	74.6	✓	✓
450 700		5.0	75.4	✓	✓
440 700		4.4	76.0	✓	✓
430 700		3.8	76.6	✓	✓
420 700		3.2	77.2	✓	✓
410 700		1.9	78.5	✓	✓
400 700		1.0	79.4	✓	✓
390 700		0.4	80.0	✓	✓
380 700		0.3	80.1	✓	✓
380 690		0.5	79.9	✓	✓
390 690		0.8	79.6	✓	✓
400 690		1.0	79.4	✓	✓
410 690		1.7	78.7	✓	✓
420 690		2.9	77.5	✓	✓
430 690		3.5	76.9	✓	✓
T.P.	0.48	580.22	0.63	579.74	✓
440 690		3.9	76.3	✓	✓

✓ 7730

	580.22				
3450					
5690					
460		4.5	75.7	✓	✓
690		5.2	75.0	✓	✓
470		6.1	74.1	✓	✓
690		11.2	69.0	✓	✓
490		14.0	66.2	✓	✓
690		14.8	65.4	✓	✓
480		8.2	72.0	✓	✓
680		5.6	74.6	✓	✓
470		4.8	75.4	✓	✓
610		4.3	75.9	✓	✓
460		3.7	76.5	✓	✓
680		3.2	77.0	✓	✓
450		2.3	77.9	✓	✓
680		1.5	78.7	✓	✓
440		0.9	79.3	✓	✓
680		0.7	79.5	✓	✓
430		0.6	79.6	✓	✓
680		1.2	79.0	✓	✓
420		1.3	78.9	✓	✓
670		2.0	78.2	✓	✓
430		2.9	77.3	✓	✓
670		3.6	76.6	✓	✓
440		4.1	76.1	✓	✓
670		5.0	75.2	✓	✓
460		5.4	74.8	✓	✓
670					
470					
670					

✓ (MBC)

~580.22

3480					
5670	6.7	573.5	✓	✓	
490					
670	11.8	68.4	✓	✓	
490					
660	9.7	70.5	✓	✓	
480					
660	6.3	73.9	✓	✓	
470					
660	5.3	74.9	✓	✓	
460					
660	4.8	75.4	✓	✓	
450					
660	4.0	76.2	✓	✓	
440					
660	3.6	76.6	✓	✓	
430					
660	2.6	77.6	✓	✓	
420					
660	1.7	78.5	✓	✓	
410					
660	1.4	78.8	✓	✓	
400					
660	1.5	78.7	✓	✓	
390					
660	0.3	79.9	✓	✓	
400					
650	1.8	78.4	✓	✓	
410					
650	1.7	78.5	✓	✓	
420					
650	1.8	78.4	✓	✓	
430					
650	2.4	77.8	✓	✓	
440					
650	3.4	76.8	✓	✓	
450					
650	4.1	76.1	✓	✓	
460					
650	4.6	75.6	✓	✓	
470					
650	5.2	75.0	✓	✓	
480					
650	6.0	74.2	✓	✓	
490					
650	8.7	71.5	✓	✓	
490					
640	8.5	71.7	✓	✓	
480					
640	5.6	74.6	✓	✓	

✓ 7110

3470						
5640		580.22	5.3	574.9	✓	✓
460					✓	✓
640			4.5	75.7	✓	✓
450					✓	✓
640			4.1	76.1	✓	✓
440					✓	✓
640			3.0	77.2	✓	✓
430					✓	✓
640			2.1	78.1	✓	✓
420					✓	✓
640			2.1	78.1	✓	✓
410					✓	✓
640			2.4	77.8	✓	✓
400					✓	✓
640			1.0	79.2	✓	✓
410					✓	✓
630			2.7	77.5	✓	✓
420					✓	✓
630			2.6	77.6	✓	✓
420					✓	✓
620			3.2	77.0	✓	✓
410					✓	✓
620			2.0	78.2	✓	✓
410					✓	✓
610			1.2	79.0	✓	✓
420					✓	✓
610			3.6	76.6	✓	✓
420					✓	✓
600			3.8	76.4	✓	✓
410					✓	✓
600			0.0	80.2	✓	✓
420					✓	✓
590			2.5	77.7	✓	✓
420					✓	✓
580			0.9	79.3	✓	✓
T.P.	12.77	592.59	0.40	579.82		
420					✓	✓
540			9.2	83.4	✓	✓
410					✓	✓
540			2.0	90.4 ⁶	✓	✓
400					✓	✓
550			1.4	91.2	✓	✓
410					✓	✓
550			4.8	87.8	✓	✓
420					✓	✓
550			10.8	81.8	✓	✓
420					✓	✓
560			11.4	81.2	✓	✓

✓ 7120

	592.59				
3410		7.0	585.6	✓	✓
5560					
400		3.2	89.4	✓	✓
560					
390		1.1	91.5	✓	✓
570					
T.P.		2.77	589.82		

0.83 605.98 605.15 = B.M. S-9

4.20 597.08 13.10 592.88

7.25 589.83 = check on T.P. above El. 589.82

7.25 597.07 589.82

400		10.0	87.1	✓	✓
570					
410		13.0	84.1	✓	✓
570					
420		14.8	82.3	✓	✓
570					
410		14.2	82.9	✓	✓
580					
400		11.4	85.7	✓	✓
580					
390		8.5	88.6	✓	✓
580					
380		5.4	91.7	✓	✓
580					
370		1.8	95.3	✓	✓
580					
350		0.6	96.5	✓	✓
590					
360		3.3	93.8	✓	✓
590					
370		6.0	91.1	✓	✓
590					
380		8.3	88.8	✓	✓
590					
390		10.3	86.8	✓	✓
590					
400		12.6	84.5	✓	✓
590					
410		15.7	81.4	✓	✓
590					

✓ 700

59707

3400 5600	13.8	583.3	✓	✓
390 600	11.5	85.6	✓	✓
380 600	9.3	87.8	✓	✓
370 600	6.7	90.4	✓	✓
360 600	5.8	91.3	✓	✓
350 600	3.7	93.4	✓	✓
340 600	2.0	95.1	✓	✓
330 600	0.0	97.1	✓	✓
320 610	2.9	94.2	✓	✓
330 610	3.5	93.6	✓	✓
340 610	4.9	92.2	✓	✓
350 610	6.0	91.1	✓	✓
360 610	7.5	89.6	✓	✓
370 610	8.8	88.3	✓	✓
380 610	10.8	86.3	✓	✓
390 610	13.3	83.8	✓	✓
400 610	15.4	81.7	✓	✓
400 620	15.7	81.4	✓	✓
390 620	14.0	83.1	✓	✓
380 620	12.0	85.1	✓	✓
370 620	10.5	86.6	✓	✓
360 620	9.0	88.1	✓	✓
350 620	7.8	89.3	✓	✓
340 620	7.0	90.1	✓	✓
330 620	6.1	91.0	✓	✓

✓ (1130)

597.07					
3320					
5620	5.2	591.9	✓	✓	
3310					
620	3.9	93.2	✓	✓	
300					
620	3.4	93.7	✓	✓	
290					
620	2.8	94.3	✓	✓	
280					
620	2.5	94.6	✓	✓	
270					
620	1.7	95.4	✓	✓	
260					
620	0.7	96.4	✓	✓	
250					
630	1.0	96.1	✓	✓	
260					
630	2.2	94.9	✓	✓	
270					
630	3.1	94.0	✓	✓	
280					
630	4.1	93.0	✓	✓	
290					
630	4.5	92.6	✓	✓	
300					
630	5.3	91.8	✓	✓	
310					
630	6.1	91.0	✓	✓	
320					
630	7.2	89.9	✓	✓	
330					
630	8.3	88.8	✓	✓	
340					
630	9.3	87.8	✓	✓	
350					
630	10.7	86.4	✓	✓	
360					
630	11.9	85.2	✓	✓	
370					
630	12.9	84.2	✓	✓	
380					
630	14.1	83.0	✓	✓	
390					
630	15.4	81.7	✓	✓	
400					
630	17.3	79.8	✓	✓	
390					
640	17.2	79.9	✓	✓	
380					
640	16.4	80.7	✓	✓	

Contd. in Book #341.

✓ 11/20/07

march 21E

11/20/07

DIRECTIONS FOR USE OF TABLES

TABLE No. 1

Distance of slope starts from side of slope
taken for any width roadway slope 1 to 1
If ground is nearly level the cut or fill at
base is located by the double-entry method
the column and top row. The number in the

IMPROVED TABLES

AND

INFORMATION

TABLE No. 2
The last column and bottom row of
any other degree divide by
will give the same result in
distance of slope starts from side of slope
taken for any width roadway slope 1 to 1
If ground is nearly level the cut or fill at
base is located by the double-entry method
the column and top row. The number in the

