

1
March 1st to 26 Aug^r. 1824
St. Lago. to Cape Hawke

Atchafalpa River

4383A/1

March 17. 1826. Porto Praya. St. Jago.

Arise. 0 0 L.L. Time head 100.

29. 35. 43. 4 - 9. 22. 2

27. 50 - 46. 11 - 27. 2

31. 45 - 46. 48 - 30 1

32. 45 - 45. 6 - 31. 2

33. 45 - 45. 32 - 33

30. 15 - 46. 2 - 9. 3

31. 20 - 46. 56 - 39. 4

33. 20 - 47. 25 - 41. 2

35. 20 - 47. 55 - 43 2

33. 45 - 48. 18 - 45. 2

March 29. 1824. All arise on bairn. Head 86.

Arise. R. 0 L.L. Time + 6

10. 20. 10. 11 - 34. 3 - 3. 44. 0

18. 10 - 33. 37 - 46. 0 1

20. 50 - 33. 18 - 49. 30

10. 20. 20. 11 - 33. 6 - 3. 48. 0

18. 40 - 32. 50 - 49. 30 2

21. 20 - 32. 30 - 50. 0

March 18. 1824 - Pt. Lazo

Before Am Sight	After Am Sight
993 - 9. 29. 0	- 1. 46. 0
589 - 10. 28. 3	- 2. 45. 4
957 - 10. 34. 10	- 2. 51. 11
578 - 10. 34. 55	- 2. 51. 57

April 5. 1824

Time	Obs. O.P.L.G.	Obs. O.W.A. 2 nd R	CALC'D
2. 28. 18	60. 26. 15	73. 36. 50	31. 32. 0
2. 32. 43	60. 26. 15	38. 55	32. 25. 0
2. 36. 33	59. 35. 30	39. 50	33. 7. 30
2. 37. 29	59. 22. 15	73. 40. 25	33. 18. 0
2. 38. 47	59. 8. 45	60. 50	33. 34. 0
2. 40. 22	58. 46. 30	41. 25	33. 52. 0
2. 42. 16	58. 21. 0	73. 41. 55	34. 13. 6
46. 56	57. 47. 30	42. 35	34. 44. 0
48. 7	57. 0. 15	44. 10	35. 21. 0

Obs.	O.P.L.G. - 2.0	Obs.	CALC'D
5. 44. 59	14. 44. 15	993 - 6. 29. 0	
46. 70	. 23. 40	598 - 7. 22. 7	
47. 36	. 6. 0		
5. 46. 18. 55	14. 23. 55		
6. 3. 25	10. 24. 0	57. 32. 0	74. 42. 55
5. 3	9. 55. 0	. 20. 30	. 43. 5
7. 55	9. 12. 0	. 23. 30	. 43. 35
6. 9. 28	8. 50. 0	57. 26. 30	74. 43. 50
10. 51	. 29. 0	19. 0	. 44. 15
12. 48	. 1. 0	77. 30	. 44. 40

April 8, 1824 - PM Luncheon.

Time 993	0 LBS.	0 LBS. + 15"	0 WTR
		3	- 2.22
4. 46.10 -	27.54 -	26.22.0 -	113.56.50
49.48 -	27.4 -	25.17.30 -	58.40
52.7 -	26.32 -	25.47.30 -	59.55
54.15 -	26.3 -	26.12.0 -	114.0.15
56.40 -	25.30 -	26.45.0 -	0.35
59.14 -	26.52 -	27.16.30 -	3.20
5. 1.30 -	26.22 -	27.40.30 -	114.3.40
2.57 -	26.5 -	28.0.0 -	4.30
5.7 -	23.31 -	28.29.0 -	4.55
5.7.5 -	23.4 -	28.59.0 -	114.5.50
8.13 -	22.48 -	29.8.30 -	6.5
9.7 -	22.35 -	29.17.30 -	6.40

993.	0 LBS. + 15"	
4. 31.30 -	31.21.0	} 993. 5.19.0 598. 6.11.29 52.29
31.56 -	15.0	
32.40 -	6.30	

May 7. 1824. on beach to S. of E. Limon's Bay

Time 993 - OLLA B - 1.15

6.38.11	—	52.54.50	993.7.25.0
39.3	—	51.10.30	957.8.45.59
39.43	—	51.22.0	592.8.33.22
40.50	—	51.40.50	589.8.35.27
41.38	—	51.54.10	
42.38	—	52.11.20	
43.25	—	52.24.20	
44.11	—	52.38.40	
45.12	—	52.50.50	

Time 993

Cell OLLA B - 1.34

6-44-40	—	52	35	50	} a
6-45-41	—	52	50	—	
6-46-25	—	53	—	1 - 20	
— 47.53	—	53	—	24	
— 48.53	—	53	—	30 - 20	} b
— 49.53	—	53	—	55 - 10	
— 50.50	—	54	—	11 - 40	
— 52.10	—	54	—	30 - 55	
— 52.55	—	54	—	41 - 50	} c
— 53.51	—	54	—	55 - 45	
— 55.1	—	55	—	13 - 50	
— 56.20	—	55	—	34 - 15	

L A at Limon's Town near Hospital.

off - 30 - 15
 30 - 25
 on - 33 - 30 } 33 - 28
 53 - 28 } 3 - 2
 - 1 - 34

Termes	Calculated
7 - 13 - 19 -	59 - 34 - 55
7 - 15 - 10 -	60 - 00 - 15
7 - 16 - 00 -	60 - 11 - 00
7 - 16 - 55 -	60 - 23 - 10
7 - 17 - 59 -	60 - 37 - 00

d

Comparisons after Sept. 14th Comparisons before Sept. 14th

257 9 - 29 - 57
 993 - 7 - 53 - 0
1 - 30 - 57

584 9 - 19 - 40
 993 - 8 - 8 - 0
1 - 19 - 40

598 9 - 17 - 05
 993 - 8 - 1 - 0
1 - 16 - 4

993 - 6 - 0 - 0
 957 - 7 - 30 - 52.5
 598 - 7 - 16 - 1
 589 - 7 - 19 - 37

May 19. 1874 - March. E. Indian Bay.

Ok. R. O. L. R. Fine.

22.45 N ————— 9.22½
 22.10 ————— 23½
 24.1) ——— 24
 22.5 ————— 26½
 21.60 ————— 25½

a. N to N:

21.50 ————— 9.27½
 22.5 ————— 28½
 24.58 ——— 29
 22.20 ————— 29½
 23.15 ————— 30½

b. N: to N½

25.25 ————— 9.37½
 26.60 ————— 37
 26.29
 27.15 ——— 40
 26.0 ————— 41
 26.25 ————— 42½

c. N to N½ W

26.35 ————— 9.45
 26.60 ————— 46½
 27.23 ——— 48
 28.5 ————— 49½
 28.5 ————— 51

d. N to N:

30.5 ————— 9.53½
 28.55 ————— 55
 28.1) ——— 56
 29.45 ————— 57
 31.10 ————— 58½

e. N: to N½ W.

watch 10 - 1.0

957 - 8.46.45

diff. 1.16.15

May 19. 1824. Simon's Bay beach. near Sandy Mount.

Time 598 - O.E.C. - R + 30 598 - 8.43.0

1 { 9. 14. 40 107. 43 957 - 8. 39. 29

9. 16. 45 41. 50 589 - 8. 37. 28

9. 18. 29 40. 25 993 - 7. 19. 51

9. 19. 52 39. 50

2 { 9. 21. 46 38. 50 on 31. 45

9. 22. 50 38. 5 off 31. 45

9. 23. 33 37. 50 no error for these.

3 { 9. 24. 23 37. 40 corrected for plane of batt.

9. 25. 31 36. 5 then on 31. 5

9. 26. 33 36. 40 off 32. 5

4 { 9. 27. 19 36. 15 Error 0. 30 + incorrect

9. 28. 7 35. 55

May 19. 1824. as above

O.E.C. At 71. 31. 0 R.

+ 30

71. 31. 30

act. 35. 45. 45

no dip

May 19 as above

Circumf.

Or. Co.

Max. Height

113. 68

114. 20

corr. for Or. Co. - 32

Time 598

O.E.C. At R + 30

1 38. 11

1 43. 36

1 44. 28

1 45. 15

1 46. 10

1 47. 35

1 48. 14

1 49. 14

1 50. 14

1 51. 14

1 52. 14

38. 15. 30 { For error of watch

36. 44. 40 { at Simon's time -

36. 28. 60

O.E.C. At R

Or. Circumf. R

33. 13 337. 49

33. 20 337. 32

28. 45 334. 53

27. 49 334. 18

27. 26 334. 14

May 19. 1824. after Alm rights

592 - 2.47.0
 957 - 3.3.34.5
 589 - 2.51.49
~~995~~

May 31. 1824. Alm S.k. after rights

210 - 12.53.0	- 2.33.0
598 - 7.13.67.5	- 8.53.5.5
957 - 7.33.27	- 9.13.27
589 - 7.20.32	- 9.0.31.5
563 - 3.30.44.75	- 5.10.65

Line 210. - OFFAL-R beach of Limous Bay -

1	19	56	42.22.20	}
1	21	2	43.00.45	
1	22	16	43.20.30	
1	23	10	43.35.16	}
1	24	8	43.50.30	
1	24	56	44.3.56	
1	25	42	44.15.30	}
1	26	29	44.27.50	
1	27	29	44.43.56	
1	28	16	44.56.00	}
1	28	59	45.6.50	
1	30	00	45.22.50	

Error distant on 31.5 31.5
 off 32.410
 1 35.
 + 47.

May 31. 1824. Sandy beach Simons Bay

OLL AL. R. 67. 14. 10

+ 47 Error. of.

OLL AL. R. 67. 14. 57
OLL AL. R. 33. 37. 29

June 1. 1824. Almarium. & Simons Bay. 1st View

Time - OLL. AL. R. 67. 14. 10

9. 19 $\frac{1}{2}$ - 21. 9 - 821. 10 N
20 $\frac{3}{4}$ - 21. 18 - 20. 20
21 $\frac{1}{2}$ - 21. 26 - 21. 5
22 $\frac{1}{2}$ - 21. 31 - 21. 2
23 $\frac{1}{2}$ - 21. 39 - 22. 55

580 8. 28. 15
- 1. 32. 45

+ 1. 25. 12
- 41. 33" from
Time by watch.

9. 26 $\frac{1}{2}$ - 21. 68 - 823. 10 N
27 $\frac{1}{4}$ - 22. 10 - 26. 30
28 $\frac{1}{2}$ - 22. 20 - 23. 50
29 $\frac{1}{2}$ - 22. 30 - 23. 40
30 $\frac{3}{4}$ - 22. 39 - 23. 60

9. 32 $\frac{1}{2}$ - 22. 51 - 823. 50 N
34 $\frac{1}{2}$ - 23. 5 - 25. 35
35 $\frac{1}{2}$ - 23. 14 - 23. 35
36 $\frac{1}{2}$ - 23. 21 - 25. 36
37 $\frac{1}{4}$ - 23. 28 - 24. 5

9. 39 - 23. 41 - 825. 0 N
41 $\frac{1}{2}$ - 24. 0 - 26. 0
43 - 24. 11 - 27. 0
43 $\frac{3}{4}$ - 24. 17 - 26. 18
45 - 24. 27 - 27. 36

12 - Times	Lat	0
12, 54, 4	51	44 30
12, 56, 10	—	45 5
12, 58, 30	—	45 53
1, 2, 19.5	—	51 47
1, 4, 47	—	47 35
1, 7, 57.5	—	48 50
1, 11, 20	—	50 35
1, 14, 6.5	—	51 20
1, 19, 25	—	53 0
20, 34	—	53 45
21, 32.5	—	53 45
33, 44.5	—	58 0
34, 54	—	58 15
35, 52	—	58 45
36, 53	—	59 10

Lat	0
51, 32, 6	—
52, 57, 0	—
53, 50, 0	—
54, 52, 9	—
55, 52, 0	—
56, 55, 0	—

Lat	0
33, 38, 0	—
33, 47, 0	—
33, 50, 0	—
34, 15, 0	—
34, 29, 0	—
34, 42, 0	—
35, 0, 0	—
35, 13, 0	—
35, 34, 0	—
35, 46, 0	—
35, 47, 0	—
35, 50, 0	—
36, 2, 0	—
36, 4, 0	—
36, 8, 0	—

38 17 39 40
39 12 39 55

43 12.5 38 52 0 55
44 12 38 52 0 55

45 12 38 52 0 55
46 12 38 52 0 55

47 12 38 52 0 55
48 12 38 52 0 55

49 12 38 52 0 55
50 12 38 52 0 55

51 12 38 52 0 55
52 12 38 52 0 55

53 12 38 52 0 55
54 12 38 52 0 55

55 12 38 52 0 55
56 12 38 52 0 55

57 12 38 52 0 55
58 12 38 52 0 55

59 12 38 52 0 55
60 12 38 52 0 55

61 12 38 52 0 55
62 12 38 52 0 55

63 12 38 52 0 55
64 12 38 52 0 55

65 12 38 52 0 55
66 12 38 52 0 55

36 14
36 15
36 17
36 23
36 26
36 29
36 34
36 39
36 44
37 49
37 54
37 59
37 64
37 69
37 74
37 79
37 84
37 89
37 94
37 99

June 1. 1874. - Exchange 1878.

1873

Sept. 10, (73 + 6)

Alt., D. under foot

1 54 4
12 56 10
30 30

51 44 30
45 5
45 55

33 38
33 47
33 50

51 47 0

34 15

1 8 19.5
1 4 47
7 37.5

47 55
40 50

34 29
34 40

11 20

50 35

35 0

14 6.5

51 20

35 13

19 25

53 0

35 34

20 34

53 45

35 46

21 32.5

53 45

35 47

Alt. D. under foot

33	44.5	51	50	0	35	53
34	54		50	15	36	2
35	52		50	45	36	4
37	8		59	10	36	8
38	17		59	40	36	11
39	12		59	55	36	15
40	38		52	0	36	17
41	50		0	35	36	23
43	12.5		0	55	36	26
44	10		1	30	36	29
47	32		2	45	36	39
51	26		4	10	36	49
53	30		4	40	36	53
56	32		5	35	37	0
58	30		6	10	37	4
2	29		7	540	33	12
						9 Total

June 1. 1824 - Sights for moon of latitude at time of lunar observations.

June 6. 1824. - Limon's Bay.

Alt. ar.	☉	☽	Time
825.35 $\frac{1}{2}$			11.42 $\frac{3}{4}$
25.50			42 $\frac{1}{2}$
	26.32		43
25.10			43 $\frac{1}{2}$
26.40			44

j

828.10 $\frac{1}{2}$	25.2	9.49 $\frac{1}{2}$	52 $\frac{1}{2}$
27.40	25.8		50 $\frac{1}{2}$
27.35	25.18		51 $\frac{1}{4}$
28.25	25.29		53 $\frac{1}{2}$
29.15	25.33		54 $\frac{1}{2}$

k

828.45 $\frac{1}{2}$	25.37	9.55	56 $\frac{1}{2}$
29.36	25.43		55 $\frac{3}{4}$
29.25	25.46		56 $\frac{1}{2}$
29.35	25.55		57 $\frac{1}{2}$
29.35	26.1		58 $\frac{1}{2}$

l

30.20	26.6	9.59 $\frac{1}{4}$	58 $\frac{1}{2}$
29.35	26.12	10.0	
29.45	26.18		0 $\frac{3}{4}$
29.45	26.24		2
29.55	26.27		2 $\frac{3}{4}$

m

29.30	26.33	10.3 $\frac{3}{4}$	58 $\frac{1}{2}$
30.30	26.37		4 $\frac{1}{2}$
30.35	26.41		5
31.30	26.52		6 $\frac{1}{2}$
31.35	26.55		7

n

① A. R. + 4 $\frac{1}{2}$

44.7.50
43.57.0
43.42.40

1.25.22 $\frac{1}{2}$
1.25.58 $\frac{1}{2}$
26.52

40

30

63

38

27

June 5. 1824. PM Lunar. at E. Minor's Bay (Tamar)

Sight
 OC.R + 2.42
 5 1 11

Dalt.
 C.D.
 5 1 11

Time
 June 210
 5 1 11

7-49-43	- 118-34-5	29-39	10
- 51-24	- 35-30	29-59	
- 53-46	- 36-15	30-30	
- 55-14	- 37-25	30-47-30	11
- 56-22	- 37-40	31-1-	
58-9	- 38-25	31-21	
8-00-11	- 38-55	31-45	12
- 1-26	- 39-10	- 32- 42 -30	
- 2-37	- 39-25	- 32-16-30	
- 4-36	- 40-35	32-58-30	13
5-54	- 40-55	32-47-	
6-57	- 41-20	33-18-30	

Sight of land Eastern land

1 32 10

Dip 9 feet

Sight of Simons Hill 52-14-20

Sandy beach of observation - Simons Bay -

$\angle$ of elevation of highest land visible S. of Battery. $\begin{matrix} 0 & 1 & '' \\ 1.32.10 \\ + 2.42 \\ \hline 1.34.52 \end{matrix}$
 Error

dip 9 feet -

from same place

$\angle$ of elevation of hill over Simons Bay - in Artificial Loom - $\begin{matrix} 0 & 1 & '' \\ 52.14.20 \\ + 2.42 \\ \hline 52.17.2 \\ \hline \angle - 26.8.31 \end{matrix}$

598 - 2.49.0
 957 - 3.11.20.6
 210 - 8.36.18

June 6. Continued.

Time 26 Dist - 3.40

8-9-42	148-42-15	33-29	14
-10-51	-42-15	-43	-
-11-12	-42-15	-53	-
-12-28	-43-15	34-14	15
-13-38	-43-20	20	-
-15--	-44	44	16
-17-36	-44-55	30	-
-18-56	-45-10	30	-
-20--8	-46-15	27	-
-21-8	-46		-

7 June 1826. All rights T. Purpus, Sandy beach, Pinnon Bay

Camp before night

598 - 7. 19. 0

957 - 7. 41. 33

589 - 7. 27. 51.2

210 - 1. 0. 27

543 - 3. 38. 57.5

Time 210

altitudes

on 00 0 on 0

1 26 49 43.0 15

1 27 29 " 10 110

1 28 9 " 21 00

1 28 47 " 30.20

1 29 30 " 42 00

1 30. 1 " 50 00

1 30 36 " 57 50

1 31 3 44 5 50

1 31 41 " 15 20

1 32 20 " 25 00

1 32 44 " 31 15

1 33 13 " 38 50

1 34 5 " 52 00

1 34 38 45 " "

1 35 9 " 8 00

June 10. 1826. at T. h. H. H. Pinnon B. in act. hor. R.

mor. alt. 0. 65. 2. 5 on 31.20
off 34.20
3.0
1.30 +
alt. 32.31.48

June 11. 0. 64. 54.0
+ 2.20
66. 56.20
32. 28.10

on 29. 35

off 34. 55.25

5 25

+ 2. 22

Companion Signal Rockers afloat - / sailing out Lake Bay /

Subj. Cape S. H. on low water of Smith's W. Land W 73° S

Summit Do ————— on Do ————— W 69 S

4.11

Roman + a little to W. of Summit Glen - N 6 1/2 W

Wash's ash ————— N 33 W

Bottom ————— N 43 1/2 W

Rocky Berg ————— S 33 1/2 W

Summit Cape ————— S 24 1/2 W

2 - Knappish ————— S 34 1/2 E

Subj. Cape ————— S 20 1/2 W

Sharp peak ————— S 8

Highest Land ————— S 55 E

L Land ————— S 85 E

4.60

Wash's ash ————— N 8 1/4 W

Rocky Berg ————— S 74 W

Summit Cape ————— S 36 1/2 W

Subj. ————— S 29 1/2 W

Summit Knappish ————— S 38 1/2 E

Sharp peak ————— S 52 E

Highest Land ————— abt. S 64 E

L Land ————— N 88 1/2 E

Wash's ash ————— S 72 E

Cont'd.

Devils Mount ————— 2017-8

Roman 4 Kois

5.20

Koti and 25W

Ruby bear 7.586

Cape Vincent

2. *abg.* P. 624

Beacht - Permit - 36321

Summit of the Land ————— 9628

L. Land 2008

David Mount 1858.

Sharpshank P 3348

264

Reddish *from Heartwood*

1/2 Plu. by Mr. Davis.

Swobbery Gate

One of the following

from West River

879

17

547

St. John's

26th young and

1588 - has 18 2/3

26. Horn. Cat. 20. 30-59

North of 3 Summits

North of 2 hills

Summit mountain (Sandy Cat) west base

North eastern

South hill

598 1.41.0 598-1.42.0 957 2.30.0 597-2.6.16.5 957 2.29.17 589-2.7.597

4 Mile

Summit Sandy Cat

Another summit

a. hatched

a. hatched

at. 100 2/3

24 Aug. 1824.

R. 2.69 W. at 5.38 P.M. - out with turn-out camp.

25 Aug. falling out. by Garrison Tavern.
to 2.7 J. at 5.30 P.M. Recd W. 2.

6 P.M. on 25 Aug.

S. extreme

to. P.

C. 1000

at 1. P. 1000

Summit of Mount Rain

12 miles.

to 1000

Sublime N. P. 1000

W. 1000

Missel P. 1000

W. 1000

S. P. 1000

W. 1000

Western extreme of Rain

at 1000

1877 Aug 1824. Dances, Count. At 4th L. oak on 31 50
 after Sept 5. off 52 10
 11. 33. 0 + 20
 589. 10. 49. 38
 11. 56. 387
 12. 17. 46. 5 by water.

One	June 598	O. B. M.	June 598
10	418 50	62 11 20	3 - 418 19
10	50 50	62 418 35	3 - 411 19
10	52 403	63 135 30	3 - 39 29
10	53 503	63 37 20	3 - 38 11
10	55 11	63 58 20	3 - 36 38
10	56 25	64 18 45	3 - 35 403
10	57 41	64 38 13	3 - 34 28
10	58 59	65 00 5	3 - 33 9
10	00 203	65 24 5	3 - 31 422
11	01 39	65 42 5	3 - 30 10
11	3 25	66 11 00	3 - 28 44
11	4 418	66 33 8	3 - 27 22
11	6 17	66 56 15	
11	7 24	67 13 50	3 -
11	9 00	67 38 5	3 - 24 46
11	10 39	68 3 20	3 - 23 10
11	11 58	68 23 40	3 - 20 32
11	13 53	68 32 36	3 - 18 18
11	15 24	69 15 00	3 - 16 47
11	16 303	69 32 55	3 - 15 38

10 Aug; 1824 - Dover, Kent

598

10 26 1

10 26 47

10 27 20

10 28 68

10 29 48

10 30 00

10 30 00

10 30 40

10 31 10

10 32 31

10 33 7

10 34 00

10 35 00

10 36 00

10 37 00

10 38 00

10 39 00

10 40 00

10 41 00

10 42 00

10 43 00

10 44 00

10 45 00

10 46 00

10 47 00

10 48 00

10 49 00

10 50 00

10 51 00

10 52 00

10 53 00

10 54 00

10 55 00

10 56 00

10 57 00

10 58 00

10 59 00

10 60 00

10 61 00

10 62 00

10 63 00

10 64 00

10 65 00

10 66 00

10 67 00

10 68 00

10 69 00

10 70 00

10 71 00

10 72 00

10 73 00

10 74 00

10 75 00

10 76 00

10 77 00

10 78 00

10 79 00

10 80 00

10 81 00

10 82 00

10 83 00

10 84 00

10 85 00

10 86 00

10 87 00

10 88 00

10 89 00

10 90 00

10 91 00

10 92 00

10 93 00

10 94 00

10 95 00

10 96 00

10 97 00

10 98 00

10 99 00

10 100 00

10 101 00

10 102 00

10 103 00

10 104 00

10 105 00

10 106 00

10 107 00

10 108 00

10 109 00

10 110 00

10 111 00

10 112 00

10 113 00

10 114 00

10 115 00

10 116 00

10 117 00

10 118 00

10 119 00

10 120 00

10 121 00

10 122 00

10 123 00

10 124 00

10 125 00

10 126 00

10 127 00

10 128 00

10 129 00

10 130 00

10 131 00

10 132 00

10 133 00

10 134 00

10 135 00

10 136 00

10 137 00

10 138 00

10 139 00

10 140 00

10 141 00

10 142 00

10 143 00

10 144 00

10 145 00

10 146 00

10 147 00

10 148 00

10 149 00

10 150 00

10 151 00

10 152 00

10 153 00

10 154 00

10 155 00

10 156 00

10 157 00

10 158 00

10 159 00

10 160 00

10 161 00

10 162 00

10 163 00

10 164 00

10 165 00

10 166 00

10 167 00

10 168 00

10 169 00

10 170 00

10 171 00

10 172 00

10 173 00

10 174 00

10 175 00

10 176 00

10 177 00

10 178 00

10 179 00

10 180 00

10 181 00

10 182 00

10 183 00

10 184 00

10 185 00

10 186 00

10 187 00

10 188 00

10 189 00

10 190 00

10 191 00

10 192 00

10 193 00

10 194 00

10 195 00

10 196 00

10 197 00

10 198 00

10 199 00

10 200 00

10 201 00

10 202 00

10 203 00

10 204 00

10 205 00

10 206 00

10 207 00

10 208 00

10 209 00

10 210 00

10 211 00

10 212 00

10 213 00

10 214 00

10 215 00

10 216 00

10 217 00

10 218 00

10 219 00

10 220 00

10 221 00

10 222 00

10 223 00

10 224 00

10 225 00

10 226 00

10 227 00

10 228 00

10 229 00

10 230 00

10 231 00

10 232 00

10 233 00

10 234 00

10 235 00

10 236 00

10 237 00

10 238 00

10 239 00

10 240 00

10 241 00

10 242 00

10 243 00

10 244 00

10 245 00

10 246 00

10 247 00

10 248 00

10 249 00

10 250 00

10 251 00

10 252 00

10 253 00

10 254 00

10 255 00

10 256 00

10 257 00

10 258 00

10 259 00

10 260 00

10 261 00

10 262 00

10 263 00

10 264 00

10 265 00

10 266 00

10 267 00

10 268 00

10 269 00

10 270 00

10 271 00

10 272 00

10 273 00

10 274 00

10 275 00

10 276 00

10 277 00

10 278 00

10 279 00

10 280 00

10 281 00

10 282 00

10 283 00

10 284 00

10 285 00

10 286 00

10 287 00

10 288 00

10 289 00

10 290 00

10 291 00

10 292 00

10 293 00

10 294 00

10 295 00

10 296 00

10 297 00

10 298 00

10 299 00

10 300 00

10 301 00

10 302 00

Downs Court

am 9 aug 1824

John A. Little
598
in a 2 m 2

Clear
on 29
off 93.25
+ 2.12

Accountably

10 410.50.34.13.30
10 211 25 " 24 00
10 411 58 " 33 00
10 412 41 " 48 00
10 413 37 - 55.1.30
10 414 34 " 17 35
10 415 23 " 22.45
10 416 10 " 44 35
10 418 55 " 57 25
10 419 46 - 56.11.50
10 412 36 - 23.45
10 419 10

Gravel 34 20
on 2925
+ 2.28
4.55
Total vertical

9 Aug 1874 - Bowser Point
 after night

598 - 10.4 - 0
 987 - 10.66.1
 589 - 11.36.53.5

am storm
 after rain
 598

10 24 13 49.17
 10 25 31 - 40 50
 10 26 52 - 50 5
 10 27 55 - 24.30
 10 28 57 - 43
 10 30 5 - 51 7.5
 10 31 15 - 25 10
 10 32 33 - 48 21.5
 10 - 33 33 52.12.50
 10 35 11 35.20
 10 36 29 - 57 30
 10 38 10 33 28.00

26 July 1824. Placed on a trail. Saw 28. Small water.

weathering them

28.30 8.45 - 3.44 1/4
 29.0 8.31 - 45
 27.45 8.25 - 45 1/2
 28.20 8.21 - 46
 27.0 8.19 - 47

6

26.50 8.11 - 3.47 1/2
 26.45 8.5 - 47 1/2
 27.15 7.59 - 48 1/4
 25.45 7.41 - 50
 26.10 7.38 - 50 1/2

5

26.10 7.34 - 51 1/4
 26.15 7.25 - 51 1/2
 25.45 7.21 - 52 1/4
 25.30 7.19 - 52 1/2
 25.15 7.15 - 53 1/4

Scale of height from 8270.40 miles by chain.
 Last 30.56 S. Bar 147.498.

24 July. At night. - height 8280.42 miles. and 2.

82610 at 4.38 P.M. by bar with compass.

26 July noon. At 2 Bar. 8280.37.428.

Revised at bar of Cape Horn
 City of high land to 2.01, which is too far from
 with a summit of the high land.

23 July 1824. noon -

0 Call-Bauer 30.12.20

-1.
30.11.20

Bauer - 30.11.0

Will on 20.11.20 - 1.1.20

24 July

24 July noon

11 July 1874 Capt. A. W. ... working the day

8.31.15 - 14.40 - 8.26 Alt
 32.0 - 14.49 - 26.4
 30.30 - 14.57 - 27.2
 31.45 - 15.2 - 28.5
 32.45 - 15.10 - 29
 29.30 - 15.17 - 29.2

14 July. Amount on Carboniferous - 2000.

Alt. D. ... 21.35 - 8.57 Alt
 44.30 - 44
 42.15 - 51
 43.55 - 22.0
 43.45 - 7
 43.15 - 14
 42.30 - 19

23 July 1874.

Alt. Saw large ... to the 882.

9.30 ... 882.8
 882.8 & 818.2
 815.5

Amount ... about 12 miles. 815.5 - 58.5

Alt. Co. ... 8.28

23 July. Alt. ... no ... in sight.

9.56.33 - 11.17.0
 993 - 10.4.0
 993 - 10.25.31.5
 98.2 - 31.15
 58.2 - 36.60
 58.40 - 44.0
 59.23 - 51.30

July 1824. cont. Quamash. 588 $\div$ 8.

at P. D. F. Aug.
 826.10 24.18.36 - 9.2 -
 26.40 - 18.43 - 2 $\frac{1}{2}$
 28.30 - 18.55 - 4 $\frac{1}{2}$
 26.45 - 19.4 - 5 $\frac{1}{2}$
 27.25 - 19.18 - 7

828.30 - 19.31 - 9.8 $\frac{1}{2}$
 26.30 - 19.43 - 10
 2.10 - 19.50 - 11 $\frac{1}{2}$
 28.32 - 20.0 - 12 $\frac{1}{2}$
 27.2 - 20.8 - 13 $\frac{1}{2}$

July 1824. P. M. Quamash.

957.11.2.54

Final Result. 0.22.
 11.30.55 11.36.20
 10.35.27 11.32.50
 10.35.53 12.30.00
 0.32
 3.30
 2.10
 + 0.38.54 (for 95)

0.22.
 10.42.11 13.17.44.63
 10.52.24 11.41.38.50.22
 10.56.37 11.20.50.28
 10.56.85 10.59.50.32
 10.58.21 10.44.50.34
 61.13.45
 10.46.29 10.25.50.37
 61.14.20
 12.1.18 10.18.50.40
 61.16.50
 10.2.24 10.6.50.43
 61.15.5
 12.3.83 9.56.30.50.46.61.15.15
 61.15.32
 1.4.39 9.43.20.50.49.61.16.12
 12.6.14 9.25.00.50.50.61.18.45
 11.7.53 9.16.30.50.50.61.18.45
 14.9.1 9.1.30.50.51.61.17.5
 12.10.19 8.49.52.11.61.17.25

29 June 1824 - *Alouatta* on *Lophanthus* - *Alouatta*

at R. *Alouatta* - *Alouatta* - *Alouatta*
 21.45 - 16.25 - 8.42 am
 22.0 - 16.45 - .43
 22.55 - 16.50 - .44
 22.25 - 17.3 - .45
 21.25 - 17.11 - .46

b {
 23.25 - 17.18 - 8.47
 22.50 - 17.30 - .48
 21.15 - 17.40 - .49
 21.55 - 17.47 - .50
 22.55 - 17.53 - .51

c {
 22.50 - 18.10 - 8.52
 24.0 - 18.14 - .53
 24.20 - 18.24 - .54
 23.20 - 18.30 - .55
 23.25 - 18.38 - .56

d {
 25.20 - 18.44 - 8.57
 24.25 - 18.55 - .58
 26.45 - 19.5 - .58
 25.0 - 19.10 - .59
 23.25 - 19.18 - .60

1 July 1824 - *Alouatta* on *Lophanthus* - *Alouatta*
 8.23.15 - 16.46 - 8.49 am
 22.50 - 17.3 - .50
 23.50 - 17.11 - .51
 24.10 - 17.22 - .52
 24.10 - 17.35 - .54

June 13, 1874 - Camp ants with *turnip* *Conchaspis*.
 2888. head 588 -

23 June 1874 ants on *Salix* $\frac{2}{2}$ f
 1058 1/2 at 4.50 PM.

26 June 1874 ants with *turnip* *Conchaspis*.
 8445 1/2 at 7 AM. head lost

26 June. Selling ants on *Salix*.
 R
 1052.35 1/2 } at 4.57 PM. head 288
 53.10
 53.30

29 June. Selling ants on *Salix*. head 288
 86.56 1/2 - 7.50 AM
 6.45
 7.35 - 7.7
 6.45 - 7.8

June 2, 1824, Union Bay, Oregon

June 3^d 30.16 - 58.2
 598 10.26 - 0
 957 - 10.47 - 1.5
 589 - 16.33 - 53.7
 210 - 4.6 - 22.5
 543 - 6.44 - 21

June 4
 598 10.27 - 0
 957 - 16.48 - 40
 589 - 16.35 - 15
 210 - 4.7 - 49
 543 - 6.46 - 0

June 6
 598 10.48 - 0
 957 - 11.10 - 16
 589 - 16.56 - 40.2
 210 - 4.29 - 13.4
 543 - 7.7 - 39.5

June 8 - 29.87 - 58.2
 598 10.38 - 0
 957 - 11.0 - 54.7
 589 - 10.47 - 5.5
 210 - 4.19 - 40.5
 543 - 6.58 - 20

June 10
 598 10.30 - 0
 957 - 10.53 - 31
 589 - 10.39 - 30
 543 - 6.50 - 59

from farmer

1. continue to flycatcher tonight

1. to take land

1. light to

1. nearest part at present

1. higher to

1. pi-3. flycatcher

1. nearest part

1. to flycatcher

1. N. 3 flycatcher to night

1. to N. 2 flycatcher

1. to flycatcher

1. to flycatcher

1. to flycatcher

1. to flycatcher

1. pi-2 flycatcher

1. to flycatcher

1. to flycatcher

1. to flycatcher

1. to flycatcher

1. to flycatcher

1. to flycatcher

1. to flycatcher

1. to flycatcher

1. to flycatcher

1. to flycatcher

1. to flycatcher

1. to flycatcher

1. to flycatcher

1. to flycatcher

1. to flycatcher

1. to flycatcher

1. to flycatcher

1. to flycatcher

1. to flycatcher

1. to flycatcher

How Town at E. Fort Mingo.

Reposit on Bt. Oakley - 1827-1828 - 1829-1830
L to right - from front

7 to 10 (from Bennett)

7 To South Fork

7 To out the west of Road No 2

7 - 2nd Ave. - 2nd

Station 3

(2) — 4

1222

7. See 6. 11/11/11

2. 10. 1900

Heat. Lat. Lat.

7-7

7 : Posth.

2

10

2400

Page 10

— *Barbora* — 7

near west

277 177 27

13 of

End of the line 001

[illegible]

1777

to Mead

Book C

0 - - 7

2000

L - Aukk. b.

I built this 4

✓ *Laubmoos* mit

Continuation from Station 3. March 2002

2	306.54	322.54	
1	309.30	325.30	Flat land
	301.12	317.12	
	256.24	272.24	
1	271.20	272.24	near shore
	285.23	271.20	
1	257.22	273.22	Return of water
	242.32	258.32	
1	238.9	252.9	Shore
1	209.38	220.38	6' cutting
	200.3	216.3	15'
1	190.14	206.14	Pushing off
1	284.45	300.45	Red tide
	234.15	250.15	1 a light
1	334.4	350.4	Station 2
1	340.26	356.26	1
1	301.13	317.13	Pushing into - all
	12.54	28.54	green break (21 hours)

2 and 3 are 12:12 pm off. Tuesday

New Station 3. Second Annual Island.

1	Outer bank	88.15	104.15
1	Pt 2 - outer bank	16.26	92.26
1	bluff	74.22	90.22
1	Playa bank	72.52	88.52
1	Pt 3 - outer bank	63.37	79.37
1	bluff	62.19	78.19
1	Playa bank	59.25	75.25
1	Playa bank	58.48	74.48
1	bluff	48.42	64.42
1	bluff	47.34	63.34
1	bluff	34.38	50.38
1	Pt 4 - a. bank	16.9	32.9
1	sanding rock	12.39	28.39
1	bluff	15.25	31.25
1	bluff	50.34	48.34
1	Sandy bank	11.18	27.18
1	bluff	35.50	11.50
1	house on bluff A	5.4	21.4
1	bluff	356.1	12.1
1	bluff	338.18	354.18
1	bluff	345.0	1.0
1	bluff	343.18	359.18
1	bluff	335.35	351.35
1	bluff	329.52	345.52
1	bluff	315.24	331.24

1. *Waiting Place* 20.30
 2. *high peak* 316.43
 3. *2 Summit* 305.9
 4. *flat table land* 300.35
 5. *Sandy barometer* 281.27
 6. *Lower Shale H.* 251.17
 7. *Sandstone* 230.26
 8. *Shale H.* 224.6
 9. *Si. & Sh. (H. & S.)* 204.57
 10. *H.* 186.0
 11. *Shale & S. to* 195.35
 12. *Shale & S. to* 195.35
 13. *Shale & S. to* 195.35
 14. *Shale & S. to* 195.35
 15. *Shale & S. to* 195.35
 16. *Shale & S. to* 195.35
 17. *Shale & S. to* 195.35
 18. *Shale & S. to* 195.35
 19. *Shale & S. to* 195.35
 20. *Shale & S. to* 195.35
 21. *Shale & S. to* 195.35
 22. *Shale & S. to* 195.35
 23. *Shale & S. to* 195.35
 24. *Shale & S. to* 195.35
 25. *Shale & S. to* 195.35
 26. *Shale & S. to* 195.35
 27. *Shale & S. to* 195.35
 28. *Shale & S. to* 195.35
 29. *Shale & S. to* 195.35
 30. *Shale & S. to* 195.35
 31. *Shale & S. to* 195.35
 32. *Shale & S. to* 195.35
 33. *Shale & S. to* 195.35
 34. *Shale & S. to* 195.35
 35. *Shale & S. to* 195.35
 36. *Shale & S. to* 195.35
 37. *Shale & S. to* 195.35
 38. *Shale & S. to* 195.35
 39. *Shale & S. to* 195.35
 40. *Shale & S. to* 195.35
 41. *Shale & S. to* 195.35
 42. *Shale & S. to* 195.35
 43. *Shale & S. to* 195.35
 44. *Shale & S. to* 195.35
 45. *Shale & S. to* 195.35
 46. *Shale & S. to* 195.35
 47. *Shale & S. to* 195.35
 48. *Shale & S. to* 195.35
 49. *Shale & S. to* 195.35
 50. *Shale & S. to* 195.35
 51. *Shale & S. to* 195.35
 52. *Shale & S. to* 195.35
 53. *Shale & S. to* 195.35
 54. *Shale & S. to* 195.35
 55. *Shale & S. to* 195.35
 56. *Shale & S. to* 195.35
 57. *Shale & S. to* 195.35
 58. *Shale & S. to* 195.35
 59. *Shale & S. to* 195.35
 60. *Shale & S. to* 195.35
 61. *Shale & S. to* 195.35
 62. *Shale & S. to* 195.35
 63. *Shale & S. to* 195.35
 64. *Shale & S. to* 195.35
 65. *Shale & S. to* 195.35
 66. *Shale & S. to* 195.35
 67. *Shale & S. to* 195.35
 68. *Shale & S. to* 195.35
 69. *Shale & S. to* 195.35
 70. *Shale & S. to* 195.35
 71. *Shale & S. to* 195.35
 72. *Shale & S. to* 195.35
 73. *Shale & S. to* 195.35
 74. *Shale & S. to* 195.35
 75. *Shale & S. to* 195.35
 76. *Shale & S. to* 195.35
 77. *Shale & S. to* 195.35
 78. *Shale & S. to* 195.35
 79. *Shale & S. to* 195.35
 80. *Shale & S. to* 195.35
 81. *Shale & S. to* 195.35
 82. *Shale & S. to* 195.35
 83. *Shale & S. to* 195.35
 84. *Shale & S. to* 195.35
 85. *Shale & S. to* 195.35
 86. *Shale & S. to* 195.35
 87. *Shale & S. to* 195.35
 88. *Shale & S. to* 195.35
 89. *Shale & S. to* 195.35
 90. *Shale & S. to* 195.35
 91. *Shale & S. to* 195.35
 92. *Shale & S. to* 195.35
 93. *Shale & S. to* 195.35
 94. *Shale & S. to* 195.35
 95. *Shale & S. to* 195.35
 96. *Shale & S. to* 195.35
 97. *Shale & S. to* 195.35
 98. *Shale & S. to* 195.35
 99. *Shale & S. to* 195.35
 100. *Shale & S. to* 195.35

Flat Lake



high bank



By sketch Northrup. N. York.
from Anne's house - March 1824.

Howdathen 1 April 1824

Downslike 347.3 3.3

1 Pick 6 345.32 1.32

1 Pick a 337.33 353.33

1 - C 331.52 347.52

1 Pick 2 307.50 323.00

1 Pick 3 283.54 299.54

1 Pick 4 244.52 260.52

1 Pick 5 225.02 241.02

1 Pick 6 223.04 239.04

1 Pick 7 196.52 212.52

1 Pick 8 193.45 209.15

1 Pick 9 186.52 202.52

1 Pick 10 162.21 178.21

1 Pick 11 159.25 175.25

1 Pick 12 307.35 333.35

March 18. 1824

0.22 Pick 12. 1.00

1 Pick 13 307.35 333.35

47 down

March 18. 1824

Measure from Great Island - Port of ...
with circumference ... Station 1

1. Three Great Towers 98.52 111.52 8

1. Outer ... 94.23 110.23

1. P. 2. outer rock 85.52 101.52

1. - 83.52 99.52

1. - 82.46 98.46

1. P. 3. outer rock 75.28 91.28

1. - 74.5 90.5

1. - 71.41 87.41

1. - 58.35 74.35

1. Bottom of a bay 54.52 70.52

1. Bottom of a bay (b) 46.19 62.19

1. 2nd and 3rd bay - one bay 41.40 57.40

1. 2nd and 3rd 24.54 40.54

1. Summit of Landing rock 20.40 36.40

1. 2nd and 3rd bay 23.15 39.15

1. 2nd and 3rd bay 20.26 36.26

1. 2nd and 3rd bay 1.32 17.32

1. 2nd and 3rd bay 0.32 16.32

1. 2nd and 3rd bay 347.37 358.5

1. 2nd and 3rd bay 6.38 22.38

1. 2nd and 3rd bay 10.47 26.47

1. 2nd and 3rd bay 10.47 26.47

1. 2nd and 3rd bay 10.47 26.47

1. 2nd and 3rd bay 10.47 26.47

1. 2nd and 3rd bay 10.47 26.47

22 July 1820. Could not find the *Amphipoda*.

Went - 6. 35. 0

598 - 6. 24. 16.5

957 - 7. 0. 46.5

589 - 6. 12. 38

