

UIS. GOAST & GEODETIC SURVEY LIBRARY AND ARCHIVES

JUL 5 1932

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Form 504 Ed. June, 1925	
DEPARTMENT OF COMMERCE U. S. COAST AND GEODETIC SURVEY	,
R.S. Patton, Director	<u> </u>
State: N. C.	
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DESCRIPTIVE REPORT	
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Topographic Sheet No. "B" 4674	
LOCALITY	**************************************
Chowan River, N. C.	
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DESCRIPTIVE REPORT

TO ACCOMPANY TOPOGRAPHIC SHEET "B"

CHOWAN RIVER, NORTH CAROLINA

INSTUCTIONS:

This survey was accomplished under Director's Instructions for Project No. 94, dated January 21, 1932.

METHOD:

The usual plane-table methods of survey were used. Traverses run up Barnes Creek and Sarem Creek did not close and are unadjusted. It was assumed that the traverses were too short for any appreciable error to exist. Some difficulty was had with the traverse of Island Creek. Set-ups were numerous and very unsteady due to swampy ground. This creek has no importance whatever and although the traverse closed barely within the allowable limit it was considered advisable to adjust it in the field, particularly as there is considerable question as to just what constitutes the shore line.

EXTENT:

This sheet comprises a survey of the shore line of Chowan River from a line approximately one-half mile above the mouth of Wiccacon Creek to a line one-half mile south of Tunis. The topography in the vicinity of triangulation station GATESVILLE is also included.

DESCRIPTION:

With the exception of the west bank between Pettys Shore Landing and Eure Landing, the river is bordered on both sides by cypress swamp. The shore line between Pettys Shore Landing and Eure Landing is high ground and heavily wooded. Two farms occur at either end of this stretch but they are not visible from the river. At Ray's Beach, just east of the mouth of Spikes Creek there is some low firm ground which has a tendency to become marshy during continued rainy spells.

CONTROL:

The control was furnished by second and third order triangulation. All trinagulation throughout this sheet has been computed consecutively from the base, Bull Pond- Lawrence.

The third order scheme is unadjusted throughout its length to the line POLE-TUNIS. Though a discrepancy has accumulated on this line as disclosed by check comparison coming from the second order line WINTON-TUNIS, all stations are homogeneous and, although the few stations in the vicinity of Tunis differ in position from the same ones on Sheet "C", it has been thought advisable not to make the local adjustment, waiting for the office to do that. In any event, the above does not seriously affect the shore line of this sheet.

NEW NAMES:

Geographical names inked on this sheet are in local usuage and also appear on the Geological Survey quandrangle for the same area. From inquiries, the island formed by Island Creek and Chowan River appears to be unnamed.

MAGNETIC DECLINATION:

A magnetic meridian was determined by declinatoire at triangulation station CANE. Near the eastern limit of sheet 7-4475 "C", a meridian was obtained at triangulation station HARREL. However, there is a C. & G. S. magnetic station at Gatesville, N. C., and a more satisfactory value for charting purposes will be obtained from data secured at that station.

LAND MARKS:

No land marks occur on this sheet of sufficient prominence to warrant charting.

STATISTICS:

Area in	square	(statu	ite) mil	es	 		 9.8
Statute	miles	High Wa	ter Lin	e	 	• • •	 20.7
Statute	miles	creeks	and res	ds	 		 6.6

Respectfully submitted,

J. T. Jarman, Aid, C. & G. Survey.

Approved and forwarded;

H. & G. Engr., Chief of Party.

NAME	LATITUDE		LONGIT	UDE	REMARKS	
	0 '	* 0	1	**		
Мо		203.8 345.57) 76	45	605.1 (891.5)	N. R.	(NOT RECOVERABLE)
Ban		519.58 329.79)	<u> </u>	961.1 (535.0)	11	
- Mar	(11	79.5 769.87)		1329.0 (167.1)		
Say		L54.87 594.5) 76	46	142.6 (1353.5)	#1	
Ape		568.92 280.45)		1300.6 (195.5)	*	-
Fat		964.92)	·	378.5 (1117.6)	Ħ .	
Но		343.5 505.87)		552.4 (943.7)	Ħ	
Су	1	307.5 541.87)		614.3 (881.8)	Ħ	
Fun	1	397.7 451.67)		563.4 (932.7)	it	
Len		490.01 359.36)		550.2 (945.9)	H	
Bon		704.5 144.87)		690.2 (805.9)	H	
Run		095.6 753.77)		530.8 (965.3)	#	
Is		237.14 612.23)		690.5 (805.6)	17	
Hose		319.6 529.77)		630.3 (865.8)	n	
		301.0 54 8. 37)		509.9 (986.2)	#1	
Flat		400.1 449.27)		421.6 (1074.5)	11	
Saw		449.0 400.37)		338.5 (1157.6)	n	
•			,			•
· -						

NAME	LATI	TUDE	,	LONG	ITUDE	REMARKS
	0 1	**	0	•	"	
	1	1580.7	1		267.4	
Ben	36 21	(268.67)	76	46	(1228.7)	Not Recoverable
_		1522.5	.}		887.1	7.4.4
Buzz	1	(326.87)			(609.0)	ditto
		3505.03			1302.3	
Con		1585.01 (264.36)			(193.8)	н
COIL		(204.50)	ļ		(190.0)	
		1175.1			1397.8	
Try		(674.27)			(98.3)	
					,,	
		1609.3			316.6	
Hot		(240.07)			(1179.5)	
•						
•		1685.5	H		103.7	
For	•	(163.87)	76	47	(1392.7)	"
]	1 488 60			207.1	
7.		1677.82	11		383.1	11
Cot		(171.55)			(1113.0)	•
•		1143.2			327.1	
Knee		(706.17)			(1169.0)	
		1, 1997			,,	
•		879.76			613.0	-
Out		(969.61)			(883.1)	1
		1434.2			697.5	
Ver		(415.17)	1		(798.6)	1
		3.705.4			1047 0	
a -		1395.4			1243.0	*
Sew		(453,97)			(253.1)	
	1	896.76			1382.1	
Ran		(952.61)			(114.0)	•
Ilan		(552.51)			, ====	
		1762.6	1		561.7	
Me		(86.78)			(934.4)	W
				-		
		14.38	-		787.6	
Pat	36 22	(1835.0)	- -		(708.5)	li "
					948.6	1
_		126.38	- 11	•	(547.5)	#
Lop		(1723.0)			(02/10/	
		54.78			964.0	[]
Cork		(1794.6)	[]		(532.1)	#
2100		,				II.
		196.22			1067.3	
We		(1653.16)			(428.8)	"
						11
			-			. · ·
		1	11			1.3

NAME	LATITU			LONGI	TUDE	REMARKS
Во	o ' 36 22	207.38 (1642.0)	0 76	47	1196.8 (299.3)	Not Recoverable
Eye		161.28 (1688.1)		·	1293.9 (202.2)	ditto
Bull	·	98.68 (1750.7)			1351.3 (144.8)	н
Lit		30.4 (1818.98)			1363.6 (132.5)	#
Sim	36 21	1801.3 (48.08)			1286.8 (209.3)	. "
Fee		1674.38 (175.0)			1275,5 (220,6)	n
Bird		1619.01 (230.37)			1335.6 (160.5)	*
B an k		1568.41 (280.97	76	48	17.6 (1478.5)	**
M1d		1485.0 (364.38)			104.5 (1391.6)	п
Lim		1423.6 (425.78)			190.0 (1306.1)	1 11
Tag		989.89 (859.49)			206.0 (1290.1)	12
Sat		1190.9 (658.48)			686.3 (809.8)	π
Log		1281.28 (568.1)			985.2 (510.9)	n
Claw		1621.28 (228.1)			737.8 (758.8)	17
Wrap		1653.6 (195.78)			904.6 (591.5)	*
Ta		1705.9 (143.48)	\		1027.0 (469.1)	17
So		1727.5 (121.88)			1173.5 (322.6)	*
		,				

NAME	T.A.T	ITUDE		LON	GITUDE	REMARKS	
	0 '	n	0	•	* 1		
0-+	36 21	1692.0 (157.38)	76	48	1195.5	Not Recoverable	9
Cat	30 21	(107.00)	.	10	(55515)		
		1751.28			1284.0	ditto	
Gin		(98.1)			(212.1)	ditto	
		1798.28			1397.5		
Cur		(51.1)			(98.6)	"	
		1835.28			1329.0		
Bit		(14.1)			(167.1)	Ħ	
		7.00			1230.0		
End	36 22	7.88 (1841.5)			(266.1)	H H	
a							
	570 D1	1611.66	76	49	44.6 (1451.5)	**	
Na Na	36 21	(237.72)	/ /	40	(1±01.0)	<u> </u>	
		1375.66			46.1	#	
Tree		(473.72)			(1450.0)		-
S.		1451.61	Ì		540.5		
Pit		(397.77)			(955.6)	п	
		190.38			572.3	}}	
Won	36 22	(1659.0)			(923.8)	**	
					207 5		
TT		582.0 (1267.38)		•	981.5 (514.6)	11	
Her		(120,100)					
		1747.7			1185.0	n	
Bow	36 21	(101.68)			(311.1)		
		255.88			49.8	1	
Spot	36 22	(1593.5)	76	50	(1446.3)	*	
		457.4			345.5		,
Pat	Ì	(1391.98)			(1150.6)	11	
		588.0			724.0		• .
Al	j	(1261.38)	1		(772.1)	н	
_ 	Í				1770 0	-	
. 254.8	†	595.0 (1254.38)	}}		1370.0 (126.1)	n	; ·
Ped		(1501.00)	1				
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Ar	}	(820.69)	}}		(1207.42)	į į	
		1184.4			987.4	_	Ŕ
Bord		(664.98)			(508.7)	1	
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						 	/ e
							•
	1		1			(1)	

NAME	T.A	TITUDE		LONGI	PUDE	REMARKS
	0 1	n	0	1	n	
Rub	36 22	1258.5 (590.88)	76	50	1310.0 (186.1)	Not Recoverable
My		1321.5 (528.88)			1407.0, (89.0)	ditto
Hat		1361.0 (488.38)			1461.0 (35.1)	и
₩ hy		1329.38 (520.0)	76	51	336.0 (1160.1)	n
Trip		758.2 (1091.18)			217.6 (1278.5)	19
Nab		1109.0 (740.38)			1005.1 (491.0)	н
Red		1663.0 (186.38)			1137.5 (358.6)	
Bat		1802.28			1384.5 (111.6)	n
The	36 23	1.39 (1848.0)			1348.5 (147/6)	n
Ball		52.38 (1797.0)			1329.0 (167.1)	11
Lip	36 22	1384.5 (464.88)	76	52	138.1 (1358.0)	
Strip		1510.5 (338.88)			419.0 (1077.1)	•
Ban	36 23	111.5 (1737.88)			421.8 (1074.3)	et et
Nut		125.9 (1723.48)			928.0 (568.1)	et
		,				_

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DEPARTMENT OF COMMERCE U. S. COAST AND GEODETIC SURVEY

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JUL	Ś	1932	REG. N

TOPOGRAPHIC TITLE SHEET

Acc	N.	
VCC.	NO	

The Topographic Sheet should be accompanied by this form, filled in as completely as possible, when the sheet is forwarded to the Office.

Field No. B

REGISTER NO. 4674

State North Carolina
General locality Chowan River
Locality Wiccacon Creek to Tunis
Scale 10,000 Date of survey AprilMay , 192 32
Vessel M. V. NATOMA
Chief of Party C. A. Egner
Surveyed by J. T. Jarman
Inked by J. T. Jarmen
Heights in feet aboveto ground to tops of trees
Contour, Approximate contour, Form line intervalfeet
Instructions dated January 21 , 192 32
Remarks:

G P O