































































WIND OBSERVATION - March

	1	2	3	4	5	+	1	2	3	4	5	+
N	9	25	6	2	-	42	2	7	2	5	11	
NE	5	24	3	-	-	32	1	7	8	-	9	
E	7	17	1	-	-	25	2	5	.2	-	7	
SE	4	33	5	2	-	44	1	9	1	5	12	
S	11	53	14	-	-	78	3	14	4	-	21	
SW	3	15	9	1	-	28	.8	4	2	.2	8	
W	2	19	7	5	-	33	.5	5	2	1	9	
NW	11	77	28	1	-	82	3	13	6	.2	22	
O	3	-	-	-	-	3	.8	-	-	-	.8	
	55	233	68	14		367	15	63	19	3	100	

31

12

6

31

12

37

6

36.7

Month	March			Month	M
Day	22	25	31	16	18
Time Local	1035		1310	7.9	
surf Air Temp. C° Honeywell	10.5		9.5	7.9	begin turb.
surf Air Temp. C°	10.3		9.3	8.3	open.
Bot Water Temp. C° Honeywell	10.5		9.5		
Bot Water Temp. C°	10.3		-		
Conductivity Micromhos Honeywell	9.9		8.60		
Conductivity Micromhos Sempass	13.38		8.80		
INKEL	9.85				
Water Samp. Bottle No.	-		-		
Dissolved O ₂ Honeywell	9.9		10.4 10.3	10.7	
Dissolved O ₂ Winkler	9.95		10.0 10.0	10.7	
Turbidity JCU Honeywell	20		20		
Turbidity Hellige	25				
Tide Honeywell	+3		+8		
Tide Staff	+1		+7		
Wind Vel. MPH Honeywell	15		25	12	
Wind Vel. Air Speed Ind. MPH	15		25	12	
Wind Direc. Honeywell	SSW		NW	NNE	
Wind Direc. Air Speed Ind.	SSW		NW	NNE	
cont	3	1	for	Note 1902 overcast. 2	

<u>Surf</u>	Air Temp. C°	10.3	9.3	8.3	W.W.
<u>Bot.</u>	Water Temp. C°	10.5	9.5		
Honeywell					
<u>Bot.</u>	Water Temp. C°	10.3	-		
Conductivity					
Micromhos		9.9	8.60		
Honeywell					
Conductivity	@13:38				
Micromhos		9.85	8.80		
Serfass					
<u>INKEI</u>					
Water Samp.		-	-		
Bottle No.					
Dissolved O ₂		9.9	10.4	10.3	10.7
Honeywell					
Dissolved O ₂		9.95	10.0	10.0	10.7
Winkler					
Turbidity		20	20		
JCU					
Honeywell					
Turbidity		25			
Hellige					
Tide					
Honeywell		+3	7.8		
Tide Staff		+1	7.7		
Wind Vel.					
MPH		15	25	12	
Honeywell					
Wind Vel.					
Air Speed Ind.		15	25	12	
MPH					
Wind Direc.		SSW	NW	NNE	
Honeywell					
Wind Direc.		SSW	NW	NNE	
Air Speed Ind.					

Remarks

Chloride Taint
Turbidity Flows too low
D.O. Burette = 34.45 -
566 other side for
Turbid. Cct.

Conductivity Note
Note: - 31.00 = 25.16°C
Honeywell = 24.9 (29) next t.c.
D.O. = 34.7

2000

<u>Sample Time</u>	<u>Honeywell</u>	<u>Hellige = PPM</u>	<u>Remarks</u>
1 1215	16	27 $\frac{w/50}{w/20} = 21$	Sample from River
2 1230	59-60	50 $\frac{w/20}{w/50}$	Reset Turbid unit. Cal.
3 1330	100	50 $= 100$	
4 1400	175	$50 \times 2 = 200$	reset - Red. span
5 1415	330	$48 \times 3 = 380$	
6 1445	290	$50 \times 3 = 400$	
7 1500	220	$85 = 340$	Reset Turbid sensor
8 1510	255	$38 = 180$	

March 25

Set low end of Turbid w/ zero set at 25 PPM - Filled bucket w/ turbid water and set high end with span adj in sensing head. Honeywell was reading 395. Repeated samples with Hellige as follows

$$375 \times 5 = 375$$

$$77 \times 5 = 385$$

$$68 \times 5 = 340$$

$$72 \times 5 = 360$$

$$\sqrt[4]{14620}$$

365 = value set at high end w/ span.

Checked low end w/ Hellige -

Honeywell = 25

43	1330	100	50 ⁵⁰ = 100
4	1400	175	$50 \times 2 = 200$ reset - did, span
5	1415	330	$48 \times 3 = 380$
6	1445	290	$50 \times 3 = 400$
7	1500	220	$85 = 340$ - Reset Turbidsensor
8	1510	255	$380 - 30 = 180$

March 25

Set low end of Turbid w/ zero set at 25 ppm. Filled bucket w/ turbid water and set high end with span adj in slusing head. Honeywell was reading 395. Repeated samples with Helige as follows

$$3.75 \times 5 = 375$$

$$77 \times 5 = 385$$

$$68 \times 5 = 340$$

$$72 \times 5 = 360$$

$$\begin{array}{r} 4 \\ \hline 1460 \end{array}$$

$365 =$ value set at high end w/ span.

Checked low end w/ helige -

$$\text{Honeywell} = 25$$

$$\text{Helige} = 23$$

$$22$$

$$24$$

S DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Cory No.	Beaufort	MPH
No. 1	(0-1)	(1-3)
No 2	(2-3)	(4-12)
No. 3	(4)	(13-18)
No. 4	(5-6)	(19-31)
No. 5	(7-12)	32

FILE

No Wind	Week	Month Day	N	NE	E	SE	S	SW	W	NW	No Wind
	9	March 1						333	34447 332	3	
		2					122	2	2222	221	1
		3				12	12222	3332			
		4				22222	2222				
		5 2				222					
		6						34	22432 222	222	
		7 22					2	212	22232 2		
		3-2					1-1	2-1	1-1	1-1	1-1
							9-2	14-2	4-2	4-3	14-2
							3-4	1-3	7-3	5-4	3-3
									1-4		
	10	8	3223		1					22232 2	
		9	222212	2	22		2	1		2	
		10				22222	21122	1			
		11	21	22	12		22221	2			
		12	22	2111	11		222				1
		13	2121	2	12	22	21				
		14	222	2221	22212						
			3-1	3-1	6-1	8-2	3-1	2-1		2-1	
			13-2	8-2	12-2		12-2	1-2		6-2	
			2-3							1-3	
			1-4								
	11	15	22222	232	1						
		16	32	33232	2		1			1	
		17				2223	12322		11		
		18				3	2222				
		19	1	2		1232	32322				
		20	34				21			13332 221	
		21	1	1	2	2222	2			24	
			2-1	2-1	4-2	2-1	4-1		2-1	4-1	
			1-2	11-2	1-3	12-2	14-2			5-2	
			2-3	3-3		4-3	7-3			3-3	
			1-4								

FOLD

Location Bendict Bridge, Bendict, 2nd.
Year 1966 **Month** FEB - MARCT

Week	Month	Day	N	NE	E	SE	S	SW	W	NW	No Wind	
6	FEB	8	2222111			2	11			2		
		9			11	2	2122 22	1	11			
		10		2	1	122 3	2222 3	11		1		
		11	111	1		1.	4342 32					
		12	22222 2212	12			2					
		13		2	2	1244	2	44	433			
		14				222	2	22	32222 3			
			7-1	3-1	2-1	3-1	4-1 2-2	3-1	2-1	1-1 1-2		
			12-2	3-2	1-2	8-2 2-4	2-3 1-3	3-2 4-2	4-2	1-3 1-4		
7		15	43222	21	2		222			3		
		16		1	22	221	11	121	1			10
		17	2				21	1	122	23333		
		18	2			2222	1122		1	1		
		19	2222 445	222		2				2		
		20	34333						222	3332		
		21							222	33322 2	111	
			10-2 5-3 4-4	2-6 4-2	3-2	5-6 6-2	5-1 6-2	3-1 1-2	3-1 8-2	1-1 6-2 11-3	8-1 8-2	
8		22						1			232232 32222	
		23	22222 2	2	21				1	1		
		24	23332 3	222	1	2				3		
		25	2					1	2		232233 312	
		26				1					122342 143222	
		27	1	1	2	2222	2		1	221		
		28				22233 3	3	4		222	1	
			4-1 4-3	1-1 4-2	1-1 2-2	2-1 9-2	1-2 1-3	2-1 1-4	2-1 1-2	4-1 23-2 10-3 2-4	1-1 1-2	