

Key West Background Turbidity Field Sheet Station(s) E-KWT03-6

E-KWT03-

Water and Air Research, Inc.
6821 S.W. Archer Road
Gainesville, Florida 32608
Phone: 352/372-1500

Project: PPB/COE - Key West Background Turbidity
Project Number: 03-7333-03
Field Team Members: CRF/EAH/MGD
Calibration Date:

Retrieved HYDROLAB # 36405 from Station E-KWT03-6 at 0834* hrs on 10/30/03.
Downloaded File: E-KWT03-6-102803 Checked file content: Y or N Backed up file: Y or N
on WAK server

HYDROLAB # Deployed at Station E-KWT03- at hrs on /03.

Turbidity Calibration (Circulator ON)	Time:	Calibration Responses (NTU)			
	Standard	PreCal	PostCal	ReCal-1	ReCal-2
DIW or Air	<u>1101*</u>	<u>0.0</u>	<u>(End of Monitoring)</u>		
20 or <u> </u>	<u>20.6</u>	<u>4.2</u>			
5 or <u> </u> read only	<u>53.3</u>	<u>53.3</u>			
Check Std <u>50</u>	(must be 3.75 to 6.25 or ±(5%+1NTU))				

Time Check- Hydrolab 11:02:12* Watch 11:02:10* Cleaned sensor: Yes or No
Created New File: E-KWT03- IBP = 9.8 V Battery used up / /03
Programmed to start at hrs on /03 at 2-min. intervals. (start times at 00, 10, 20, 30, 40, 50)
Data Terminal Cap: Silicone applied: Y/N by Cap burped: Y/N by

Replace batteries when voltage is less than 9.7 volts. Complete some items by reading File Status.
Notes/Comments/Maintenance (Identify which Hydrolab): Collected Side-By-Side at: hrs

Weather, Sea State, Currents and Other Observations

Weather Conditions: Sunny
Wind Direction: N NE E SE S SW W NW Wind Conditions: Calm Slight Breezy Strong
Sea State: Calm Slight Rough Very Rough Approx. Wave Height: 0-1 ft
Tidal Stage: Falling Slack Low Rising Slack High
Water Mass Boundary Present: Y/N
Surface Current Direction (flowing to): N and Speed: mph

Current Monitoring Buoy: DGPS Serial No. <u> </u> Track ID: <u> </u>
Time deployed <u> </u> hrs, Time retrieved <u> </u> hrs Nominal depth to drum top: <u> </u> ft
Obvious Cross Wind or Currents: <u>Y/N</u>

Recent Ship Traffic: Y N

Other Observations: Removed Station GPS KW-6
2 cruise ships docked. *EST

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Project: PPB/COE - Key West Background Turbidity
Project Number: 03-7333-03
Field Team Members: CRF/EAH/MGD
Calibration Date: 10/28/03

Retrieved HYDROLAB # 36405 from Station E-KWT03-6 at 1043* hrs on 10/28/03.
Downloaded File: E-KWT03-6-102603 Checked file content Y or N Backed up file: Y or N

HYDROLAB # 36405 Deployed at Station E-KWT03-6 at 1119* hrs on 10/28/03.
Floppy Failed Leave program in HL

Turbidity Calibration (Circulator ON)	Time: <u>1110</u> Standard	Calibration Responses (NTU)			
		PreCal	PostCal	ReCal-1	ReCal-2
	<u>DIW</u> or Air	<u>0.0</u>	<u>0.0</u>		
	<u>20</u> or _____	<u>17.4</u>	<u>18.6</u>		
Check Std	<u>5</u> or _____ read only	<u>5.2</u>	<u>4.0</u>		
Slope Cal <u>50</u>	(must be 3.75 to 6.25 or ±(5%+1NTU))	<u>47.7</u>	<u>49.7</u>		

Time Check- Hydrolab 10:57:15 Watch 10:57:16 Cleaned sensor: Yes or No

Created New File: E-KWT03-6-102803 IBP = 9.9 V Battery used up 11/05/03
Memory " " 11/14/03

Programmed to start at 1130* hrs on 10/28/03 at 2-min. intervals. (start times at 00, 10, 20, 30, 40, 50)

Data Terminal Cap: Silicone applied: Y or N by EAH Cap burped: Y or N by EAH

Replace batteries when voltage is less than 9.7 volts. Complete some items by reading File Status.
Notes/Comments/Maintenance (Identify which Hydrolab): Collected Side-By-Side at: _____ hrs

Weather, Sea State, Currents and Other Observations

Weather Conditions: Cloudy - 100% cover

Wind Direction: N NE E SE S SW W NW Wind Conditions: Calm Slight Breezy Strong

Sea State: Calm Slight Rough Very Rough Approx. Wave Height: < 1 ft

Tidal Stage: Falling Slack Low Rising Slack High

Water Mass Boundary Present: Y or N lighter water in channel; darker in Truman Harbor

Surface Current Direction (flowing to): N and Speed: _____ mph

Current Monitoring Buoy: DGPS Serial No. _____ Track ID: _____
Time deployed 1040 hrs, Time retrieved 1155 hrs Nominal depth to drum top: 10 ft
Obvious Cross Wind or Currents: Y N Float was ~20ft from Mol Pier when picked up.

Recent Ship Traffic: Y N Three cruise ships in port

Other Observations: * EST A few power failures while calibrating

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Project: PPB/COE - Key West Background Turbidity
Project Number: 03-7333-03
Field Team Members: ARF/EAH/MGD
Calibration Date: 10/26/03

Retrieved HYDROLAB # 36405 from Station E-KWT03-6 at 1052* hrs on 10/26/03.

Downloaded File: E-KWT03-6-102403 Checked file content: Y or N Backed up file: Y or N
No power losses

HYDROLAB # 36405 Deployed at Station E-KWT03-6 at 1140* hrs on 10/26/03.

Turbidity Calibration (Circulator ON)	Time: Standard DIW or Air 20 or _____ 5 or _____ read only Slope Std 50 (must be 3.75 to 6.25 or ±(5%+1NTU))	Calibration Responses (NTU)			
		PreCal	PostCal	ReCal-1	ReCal-2
		0.0	0.0	0.0	
		19.1	18.5	19.3	
Check Std		5.0	0.0	5.0	
		50.1	50.2	49.7	

Time Check- Hydrolab 11:07:45* Watch 11:07:29* Cleaned sensor: Yes or No

Created New File: E-KWT03-6-102603 IBP = 10.3V Battery used up 11/11/03

Programmed to start at 1130* hrs on 10/26/03 at 2-min. intervals. (start times at 00, 10, 20, 30, 40, 50)

Data Terminal Cap: Silicone applied: Y/N by EAH Cap burped: Y/N by EAH

Replace batteries when voltage is less than 9.7 volts. Complete some items by reading File Status.
Notes/Comments/Maintenance (Identify which Hydrolab): Collected Side-By-Side at: _____ hrs

Weather, Sea State, Currents and Other Observations

Weather Conditions: Sunny

Wind Direction: N NE E SE S SW W NW Wind Conditions: Calm Slight Breezy Strong

Sea State: Calm Slight Rough Very Rough Approx. Wave Height: 1 ft

Tidal Stage: Falling Slack Low Rising Slack High

Water Mass Boundary Present: Y/N Truman Harbor water darker than channel water took pictures

Surface Current Direction (flowing to): N and Speed: _____ mph

Current Monitoring Buoy: DGPS Serial No. _____ Track ID: _____ May have bottomed out

Time deployed 1014* hrs, Time retrieved 1038* hrs Nominal depth to drum top: 10 ft

Obvious Cross Wind or Currents: Y/N Appears that lighter incoming tidal water is running S to N past Fleming Dock Bay - strong wind from east

Recent Ship Traffic: Y/N Navy vessel departed before our arrival this AM Veendam arrived at 1028 EST

Other Observations: X EDT Missed program start time -

Key West Background Turbidity Field Sheet Station(s) E-KWT03-6

E-KWT03-_____

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Project: PPB/COE - Key West Background Turbidity
Project Number: 03-7333-03
Field Team Members: CRF/EAH/MGD
Calibration Date: 10/24/03

Retrieved HYDROLAB # 36405 from Station E-KWT03-6 at 1057 hrs on 10/24/03.
Downloaded File: E-KWT03-6-102203 Checked file content: Y or N Backed up file: Y or N

HYDROLAB # 36405 Deployed at Station E-KWT03-6 at 1132 hrs on 10/24/03.

Turbidity Calibration (Circulator ON)	Time: _____ Standard	Calibration Responses (NTU)			
		PreCal	PostCal	ReCal-1	ReCal-2
	<u>DIW</u> or Air	<u>0.4</u>	<u>0.0</u>	_____	_____
	<u>20</u> or _____	<u>20.8</u>	<u>19.3</u>	_____	_____
Check Std	<u>5</u> or _____ read only	<u>5.5</u>	<u>4.1</u>	_____	_____
<u>Slope Cal</u>	<u>50</u> (must be 3.75 to 6.25 or ±(5%+1NTU))	<u>51.0</u>	<u>49.7</u>	_____	_____

Time Check- Hydrolab 11:17:59 Watch 11:17:45 Cleaned sensor: Yes or No
Created New File: E-KWT03-6-102403 IBP = 10.8 V Battery used up 11/12/03
Programmed to start at 1130 hrs on 10/24/03 at 2-min. intervals. (start times at 00, 10, 20, 30, 40, 50)
Data Terminal Cap: Silicone applied: Y / N by EAH Cap burped: Y / N by EAH

Replace batteries when voltage is less than 9.7 volts. Complete some items by reading File Status.
Notes/Comments/Maintenance (Identify which Hydrolab): Collected Side-By-Side at: _____ hrs

Weather, Sea State, Currents and Other Observations

Weather Conditions: Sunny
Wind Direction: N NE E SE S SW W NW Wind Conditions: Calm Slight Breezy Strong
Sea State: Calm Slight Rough Very Rough Approx. Wave Height: <0.5 ft
Tidal Stage: Falling Slack Low Rising Slack High
Water Mass Boundary Present: Y N
Surface Current Direction (flowing to): S and Speed: _____ mph

Current Monitoring Buoy: DGPS Serial No. _____ Track ID: _____
Time deployed _____ hrs, Time retrieved _____ hrs Nominal depth to drum top: _____ ft
Obvious Cross Wind or Currents: Y / N _____

Recent Ship Traffic: Y / N 2 Cruise ships docked

Other Observations: _____

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Project: PPB/COE - Key West Background Turbidity
Project Number: 03-7333-03
Field Team Members: CRF/EAH/MGD
Calibration Date: 10/22/03

Retrieved HYDROLAB # 36405 from Station E-KWT03-6 at 1135 hrs on 10/22/03.
Downloaded File: E-KWT03-6-102003 Checked file content Y or N Backed up file Y or N

HYDROLAB # 36405 Deployed at Station E-KWT03-6 at 1443 hrs on 10/22/03.

Turbidity Calibration (Circulator ON)	Time: Standard	Calibration Responses (NTU)			
		PreCal	PostCal	ReCal-1	ReCal-2
	<u>DIW</u> or Air	<u>2.3</u>	<u>0.0</u>		
	<u>20</u> or _____	<u>19.9</u>	<u>19.0</u>		
Check Std	<u>5</u> or _____ read only (must be 3.75 to 6.25 or ±(5%+1NTU))	<u>5.6</u>	<u>5.5</u>		
		<u>51.3</u>	<u>49.6</u>		

Cleaned w/ isopropanol

Slope Cal 50

Time Check- Hydrolab 11:49:00 Watch 11:48:48 Cleaned sensor: Yes or No
Created New File: E-KWT03-6-102203 IBP = 11.1 V Battery used up 11/12/03
Programmed to start at 1230 hrs on 10/22/03 at 2-min. intervals. (start times at 00, 10, 20, 30, 40, 50)
Data Terminal Cap: Silicone applied Y/N by _____ Cap burped: Y/N by _____

Replace batteries when voltage is less than 9.7 volts. Complete some items by reading File Status.
Notes/Comments/Maintenance (Identify which Hydrolab): Collected Side-By-Side at: _____ hrs

Weather, Sea State, Currents and Other Observations

Weather Conditions: Sunny
Wind Direction: N NE E SE S SW W NW Wind Conditions: Calm Slight Breezy Strong
Sea State: Calm Slight Rough Very Rough Approx. Wave Height: _____ ft
Tidal Stage: Falling Slack Low Rising Slack High
Water Mass Boundary Present: Y/N
Surface Current Direction (flowing to): S and Speed: _____ mph

Current Monitoring Buoy: DGPS Serial No. _____ Track ID: _____
Time deployed _____ hrs, Time retrieved _____ hrs Nominal depth to drum top: _____ ft
Obvious Cross Wind or Currents: Y/N

Recent Ship Traffic: Y/N Cruise ship here yesterday is gone today as is lower portion of 4" PVC protective casing. Replaced w/ 5ft below water
Other Observations: _____

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Project: PPB/COE - Key West Background Turbidity
Project Number: 03-7333-03
Field Team Members: CRF/TWM/MGD
Calibration Date: 10/20/03

Retrieved HYDROLAB # 36405 from Station E-KWT03-6 at 1017 hrs on 10/20/03.
Downloaded File: E-KWT03-6-101803 Checked file content: Y or N Backed up file: Y or N

HYDROLAB # 36405 Deployed at Station E-KWT03-6 at 1057 hrs on 10/20/03.

Turbidity Calibration (Circulator ON)	Time: <u>1030</u> Standard	Calibration Responses (NTU)			
		PreCal	PostCal	ReCal-1	ReCal-2
	<u>DIW</u> or Air	<u>0.0</u>	<u>0.0</u>		
	<u>20</u> or _____	<u>20.0</u>	<u>19.9</u>		
Check Std	<u>5</u> or _____ read only (must be 3.75 to 6.25 or ±(5%+1NTU))	<u>4.7</u>	<u>5.1</u>		

Batteries Changed

Time Check- Hydrolab 10:44:11 Watch 10:44:00 → Retrieved @ 8.9V
Cleaned sensor: Yes or No
Created New File: E-KWT03-6-102003 IBP: 12.3V Battery used up 11/16/03
Programmed to start at 1100 hrs on 10/20/03 at 2-min. intervals. (start times at 00, 10, 20, 30, 40, 50)
Data Terminal Cap: Silicone applied: Y N by TWM Cap burped: Y N by TWM

Replace batteries when voltage is less than 9.7 volts. Complete some items by reading File Status.
Notes/Comments/Maintenance (Identify which Hydrolab): Collected Side-By-Side at: _____ hrs

Weather, Sea State, Currents and Other Observations

Weather Conditions: Sunny
Wind Direction: N NE E SE S SW W NW Wind Conditions: Calm Slight Breezy Strong
Sea State: Calm Slight Rough Very Rough Approx. Wave Height: < 0.5 ft
Tidal Stage: Falling Slack Low Rising Slack High
Water Mass Boundary Present: Y N
Surface Current Direction (flowing to): Not Apparent and Speed: _____ mph

Current Monitoring Buoy: DGPS Serial No. _____ Track ID: _____
Time deployed _____ hrs, Time retrieved _____ hrs Nominal depth to drum top: _____ ft
Obvious Cross Wind or Currents: Y N

Recent Ship Traffic: Y N Navy ship docked w/ tugs ~ 8AM

Other Observations: _____

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Project: PPB/COE - Key West Background Turbidity
Project Number: 03-7333-03
Field Team Members: SAC/TWM/mgd
Calibration Date: 10/18/03

Retrieved HYDROLAB # 36405 from Station E-KWT03-6 at 1055 hrs on 10/18/03.

Downloaded Filename: E-KWT03-6-101803 Checked file content: Y or N Backed up file: Y or N

HYDROLAB # 36405 Deployed at Station E-KWT03-6 at 1150 hrs on 10/18/03.

Turbidity Calibration (Circulator ON)	Time: <u>1110</u> Standard DIW or Air 50 or <u>20</u>	Calibration Responses (NTU)			
		PreCal	PostCal	ReCal-1	ReCal-2
		<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	
		<u>20.1</u>	<u>20.6</u>		
Check Std	5 or <u> </u> read only (must be 3.75 to 6.25 or ±(5%+1NTU))	<u>4.8</u>	<u>5.1-4.9</u>		

Time Check- Hydrolab GPS: Watch : : Cleaned sensor: Yes or No
Created New File: E-KWT03-6-101803 IBP = 9.8 V Battery used up 10/19/03 41%
Programmed to start at 1200 hrs on 10/18/03 at 2-min. intervals. (start times at 00, 10, 20, 30, 40, 50)
Data Terminal Cap: Silicone applied: Y/N by TWM Cap burped: Y/N by TWM

Replace batteries when voltage is less than 9.7 volts. Complete some items by reading File Status.
Notes/Comments/Maintenance (Identify which Hydrolab): Collected Side-By-Side at: hrs

Weather, Sea State, Currents and Other Observations

Weather Conditions: BREEZY + CLEAR
Wind Direction: N NE E SE S SW W NW Wind Conditions: Calm Slight Breezy Strong
Sea State: Calm Slight Rough Very Rough Approx. Wave Height: 1-2 ft
Tidal Stage: Falling Slack Low Rising Slack High
Water Mass Boundary Present: Y/N
Surface Current Direction (flowing to): and Speed: mph

Current Monitoring Buoy: DGPS Serial No. Track ID:
Time deployed hrs, Time retrieved hrs Nominal depth to drum top: ft
Obvious Cross Wind or Currents: Y/N

Recent Ship Traffic: Y/N

Other Observations: Barometric Vents EMATIC

Key West Background Turbidity Field Sheet Station(s) E-KWT03-6

E-KWT03-6

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Project: PPB/COE - Key West Background Turbidity
Project Number: 03-7333-03
Field Team Members: SAC | TWM | MGD
Calibration Date: 10/16/03

Retrieved HYDROLAB # 36405 from Station E-KWT03-6 at 0750 hrs on 10/16/03.
Downloaded Filename: E-KWT03-6-10/16/03 Checked file content: or N Backed up file: or N

HYDROLAB # 36405 Deployed at Station E-KWT03-6 at 0910 hrs on 10/16/03.

Turbidity Calibration (Circulator ON)	Time: <u>0851</u> Standard DIW or Air 50 or <u>20</u>	Calibration Responses (NTU)			
		PreCal	PostCal	ReCal-1	ReCal-2
Check Std	5 or <u> </u> read only (must be 3.75 to 6.25 or ±(5%+1NTU))	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	<u> </u>
		<u>22.7</u>	<u>19.5</u>	<u> </u>	<u> </u>
		<u>5.3</u>	<u>5.2</u>	<u> </u>	<u> </u>

Time Check- Hydrolab GPS : Watch : : Cleaned sensor: or No
Created New File: E-KWT03-6-10/16/03 IBP = 9.5 V Battery used up 10/16/03. 60%
Programmed to start at 0910 hrs on 10/16/03 at 2-min. intervals. (start times at 00, 10, 20, 30, 40, 50)
Data Terminal Cap: Silicone applied: /N by TWM Cap burped: /N by TWM

Replace batteries when voltage is less than 9.7 volts. Complete some items by reading File Status.
Notes/Comments/Maintenance (Identify which Hydrolab): Collected Side-By-Side at: hrs

Weather, Sea State, Currents and Other Observations

Weather Conditions: BREEZY SUNNY
Wind Direction: N E SE S SW W NW Wind Conditions: Calm Slight Strong
Sea State: Calm Slight Very Rough Approx. Wave Height: 2 ft
Tidal Stage: Falling Slack Low Rising Slack High
Water Mass Boundary Present: Y/ N
Surface Current Direction (flowing to): and Speed: mph

Current Monitoring Buoy: DGPS Serial No. Track ID:
Time deployed hrs, Time retrieved hrs Nominal depth to drum top: ft
Obvious Cross Wind or Currents: Y/ N

Recent Ship Traffic: Y/ N

Other Observations:

Key West Background Turbidity Field Sheet Station(s) E-KWT03-6

E-KWT03-6

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Project: PPB/COE - Key West Background Turbidity
Project Number: 03-7333-03
Field Team Members: TFB, ONH
Calibration Date: 10/11/03

Retrieved HYDROLAB # _____ from Station E-KWT03- at _____ hrs on ____/____/03.
Downloaded Filename: _____ Checked file content: Y or N Backed up file: Y or N

HYDROLAB # _____ Deployed at Station E-KWT03- at _____ hrs on ____/____/03.

SN:
41154

Turbidity Calibration (Circulator ON)	Time: <u>1110</u> Standard DIW or Air 50 or <u>20</u>	Calibration Responses (NTU)			
		PreCal	PostCal	ReCal-1	ReCal-2
Check Std	5 or _____ read only (must be 3.75 to 6.25 or ±(5%+1NTU))	_____	<u>0.0</u> <u>20.2</u>	<u>0.0</u>	_____
		_____	<u>5.2-5.6</u>	_____	_____

Time Check- Hydrolab GPS ✓ Watch ____:____:____ Cleaned sensor: Yes or No
Created New File: E-KWT03-6-101103 IBP = 11.2 V Battery used up 11/2/03.
Programmed to start at 1130 hrs on 10/11/03 at 2-min. intervals. (start times at 00, 10, 20, 30, 40, 50)
Data Terminal Cap: Silicone applied: Y N by TFB Cap burped: Y N by TFB

Replace batteries when voltage is less than 9.7 volts. Complete some items by reading File Status.
Notes/Comments/Maintenance (Identify which Hydrolab): Collected Side-By-Side at: _____ hrs

Weather, Sea State, Currents and Other Observations

Weather Conditions: _____
Wind Direction: N NE E SE S SW W NW Wind Conditions: Calm Slight Breezy Strong
Sea State: Calm Slight Rough Very Rough Approx. Wave Height: _____ ft
Tidal Stage: Falling Slack Low Rising Slack High
Water Mass Boundary Present: Y / N _____
Surface Current Direction (flowing to): _____ and Speed: _____ mph

Current Monitoring Buoy: DGPS Serial No. _____ Track ID: _____
Time deployed _____ hrs, Time retrieved _____ hrs Nominal depth to drum top: _____ ft
Obvious Cross Wind or Currents: Y / N _____

Recent Ship Traffic: Y / N _____

Other Observations: STATION PARTIALLY REBUILT - COULD NOT DEPLOY
HL. WILL INSTALL AT STA 9

Key West Background Turbidity Field Sheet Station(s) E-KWT03- 6

E-KWT03- 6

Water and Air Research, Inc.
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Phone: 352/372-1500

Project: PPB/COE - Key West Background Turbidity
Project Number: 03-7333-03
Field Team Members: TFB, ONH
Calibration Date: 10/10/03

Retrieved HYDROLAB # 36408 from Station E-KWT03-6 at 1040 hrs on 10/10/03.
Downloaded Filename: E-KWT03-6-100803 Checked file content: (Y) or N Backed up file: (Y) or N
100803

HYDROLAB # _____ Deployed at Station E-KWT03- at _____ hrs on ____/____/03.

Turbidity Calibration (Circulator ON)	Time: _____ Standard DIW or Air 50 or _____	Calibration Responses (NTU)			
		PreCal	PostCal	ReCal-1	ReCal-2
Check Std	5 or _____ read only (must be 3.75 to 6.25 or $\pm(5\%+1NTU)$)	_____	_____	_____	_____

Time Check- Hydrolab ____:____:____ Watch ____:____:____ Cleaned sensor: Yes or No
Created New File: _____ IBP = _____ V Battery used up ____/____/03.
Programmed to start at _____ hrs on ____/____/03 at 2-min. intervals. (start times at 00, 10, 20, 30, 40, 50)
Data Terminal Cap: Silicone applied: Y/N by _____ Cap burped: Y/N by _____

Replace batteries when voltage is less than 9.7 volts. Complete some items by reading File Status.
Notes/Comments/Maintenance (Identify which Hydrolab): Collected Side-By-Side at: _____ hrs

Weather, Sea State, Currents and Other Observations

Weather Conditions: _____
Wind Direction: N NE E SE S SW W NW Wind Conditions: Calm Slight Breezy Strong
Sea State: Calm Slight Rough Very Rough Approx. Wave Height: _____ ft
Tidal Stage: Falling Slack Low Rising Slack High
Water Mass Boundary Present: Y/N _____
Surface Current Direction (flowing to): _____ and Speed: _____ mph

Current Monitoring Buoy: DGPS Serial No. _____ Track ID: _____
Time deployed _____ hrs, Time retrieved _____ hrs Nominal depth to drum top: _____ ft
Obvious Cross Wind or Currents: <u>Y/N</u> _____

Recent Ship Traffic (Y) N _____

Other Observations: STATION PIPE REMOVED FROM LADDER, CRUISE SHIPS (2) IN, DATA LOOKS QUESTIONABLE, NO HL DEPLOYED

Key West Background Turbidity Field Sheet Station(s) E-KWT03-6

E-KWT03-6

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Project: PPB/COE - Key West Background Turbidity
Project Number: 03-7333-03
Field Team Members: TFB, ONH
Calibration Date: 10/8/03

Retrieved HYDROLAB # 36408 from Station E-KWT03-6 at 1012 hrs on 10 / 8 / 03.

Downloaded Filename: E-KWT03-4 Checked file content: Y or N Backed up file: Y or N
↳ RENAMED - 6 FOR TRUMAN MOL
TRUMAN MOL

HYDROLAB # 36408 Deployed at Station E-KWT03-6 at 1042 hrs on 10 / 8 / 03.

Turbidity Calibration (Circulator ON)	Time: <u>1030</u> Standard	Calibration Responses (NTU)			
		PreCal	PostCal	ReCal-1	ReCal-2
<u>DIW</u> or Air		<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	<u>Post check</u>
<u>50</u> or _____		<u>52.0</u>	<u>49.8</u>		
Check Std	<u>50</u> or _____ read only (must be 3.75 to 6.25 or ±(5%+1NTU))		<u>4.8</u>		

Time Check- Hydrolab GPS v. Watch _____: _____: _____ Cleaned sensor: Yes or No

Created New File: E-KWT03-6-100803 IBP = 11.9 V Battery used up 11 / 4 / 03. ^{100%} left

Programmed to start at 1050 hrs on 10 / 8 / 03 at 2-min. intervals. (start times at 00, 10, 20, 30, 40, 50)

Data Terminal Cap: Silicone applied: Y / N by TFB Cap burped: Y / N by TFB

Replace batteries when voltage is less than 9.7 volts. Complete some items by reading File Status.
Notes/Comments/Maintenance (Identify which Hydrolab): Collected Side-By-Side at: NA hrs

Weather, Sea State, Currents and Other Observations

Weather Conditions: CLEAR

Wind Direction: N NE SE S SW W NW Wind Conditions: Calm Slight Breezy Strong

Sea State: Calm Slight Rough Very Rough Approx. Wave Height: 1-2 ft

Tidal Stage: Falling Slack Low Rising Slack High

Water Mass Boundary Present: Y KN

Surface Current Direction (flowing to): SW and Speed: 2-3 ¹⁻² mph

Current Monitoring Buoy: _____	DGPS Serial No. _____	Track ID: _____
Time deployed _____ hrs,	Time retrieved _____ hrs	Nominal depth to drum top: _____ ft
Obvious Cross Wind or Currents: <u>Y</u> / N _____		

Recent Ship Traffic: Y / N _____

Other Observations: CHANGED BATTERIES PRIOR TO CALIBRATION, LOOSE CONNECTION DURING CALIBRATION, WATCH DATA!

Key West Background Turbidity Field Sheet Station(s) E-KWT03-4/6

E-KWT03-4/6

Water and Air Research, Inc.
6821 S.W. Archer Road
Gainesville, Florida 32608
Phone: 352/372-1500

Project: PPB/COE - Key West Background Turbidity
Project Number: 03-7333-03
Field Team Members: TFB, ONH
Calibration Date: 10/6/03

NEW DEPLOYMENT @ TRUMAN MSL

Retrieved HYDROLAB # 36408 from Station E-KWT03-4 at 1015 hrs on 10/8/03.

Downloaded Filename: E-KWT03-6-100603 Checked file content (Y or N) Backed up file (Y or N)
REMAINED

HYDROLAB # 36408 Deployed at Station E-KWT03-6 at 1610 hrs on 10/6/03.

REMAINED FROM STA 4 TO STA 6

Turbidity Calibration (Circulator ON)	Time: <u>1125</u> Standard	Calibration Responses (NTU)			
		PreCal	PostCal	ReCal-1	ReCal-2
	<u>DIW</u> or Air	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	
	<u>50</u> or _____	<u>46.4</u>	<u>49.9-50.1</u>		
Check Std	<u>5</u> or _____ read only (must be 3.75 to 6.25 or ±(5%+1NTU))		<u>4.8-5.1</u>		

Time Check- Hydrolab GPS v. Watch : : Cleaned sensor: (Yes) or No

* Created New File: E-KWT03-4 IBP = 11.6 V Battery used up 10/31/03 93% left

Programmed to start at 1610 hrs on 10/6/03 at 2-min. intervals. (start times at 00, 10, 20, 30, 40, 50)

Data Terminal Cap: Silicone applied: (Y/N) by TFB Cap burped (Y/N) by TFB

Replace batteries when voltage is less than 9.7 volts. Complete some items by reading File Status.
Notes/Comments/Maintenance (Identify which Hydrolab): Collected Side-By-Side at: NA hrs

Weather, Sea State, Currents and Other Observations

Weather Conditions: Overcast & windy

Wind Direction: N (NE) E SE S SW W NW Wind Conditions: Calm (Slight) Breezy Strong

Sea State: Calm (Slight) Rough Very Rough Approx. Wave Height: 1.0 ft

Tidal Stage: Falling Slack Low (Rising) Slack High

Water Mass Boundary Present: Y/N

Surface Current Direction (flowing to): SW and Speed: 3-5 mph

Current Monitoring Buoy: DGPS Serial No. _____ Track ID: _____
Time deployed _____ hrs, Time retrieved _____ hrs Nominal depth to drum top: _____ ft
Obvious Cross Wind or Currents: Y/N

Recent Ship Traffic: Y/N

Other Observations: RESET CLOCK TO GPS TIME, RESET DATE, REMAINED TO ACCOUNT INCLUDE CITY STATIONS [FROM STA 4 TO STA 6]