

Key West Background Turbidity Field Sheet Station(s) E-KWT03-7

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 # 36407 from Station E-KWT03-7 at 0842 hrs on 10/30/03.

Downloaded File: E-KWT03-7-102803 Checked file content: Y or N Backed up file: Y or N
On WAR Server

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

Turbidity Calibration (Circulator ON)	Time: _____ Standard	Calibration Responses (NTU)			
		PreCal	PostCal	ReCal-1	ReCal-2
	<u>DIW</u> or Air	<u>0.0</u>			
	<u>20</u> or _____	<u>19.4</u>	<u>(End of Monitoring)</u>		
Check Std	<u>5</u> or _____ read only	<u>4.0</u>			
	<u>50</u> (must be 3.75 to 6.25 or ±(5%+1NTU))	<u>53.6</u>			

Time Check- Hydrolab 10:15:56 * Watch 10:14:55 * Cleaned sensor: Yes or No

Created New File: E-KWT03- _____ IBP = 10.2 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: ripples 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: * EST

Key West Background Turbidity Field Sheet Station(s) E-KWT03- 7

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: 10/28/03

Retrieved HYDROLAB # 36407 from Station E-KWT03-7 at 1121 hrs on 10/28/03.

Downloaded File: E-KWT03-7-102603 Checked file content Y or N Backed up file: Y or N

HYDROLAB # 36407 Deployed at Station E-KWT03-7 at 1151 hrs on 10/28/03.

*Floppy Failed
Leave program on file*

Turbidity Calibration	Time: _____ Standard	Calibration Responses (NTU)			
		PreCal	PostCal	ReCal-1	ReCal-2
(Circulator ON)	<input checked="" type="radio"/> DIW or Air	<u>0.0</u>	<u>0.0</u>	_____	_____
	<input checked="" type="radio"/> 20 or _____	<u>16.8</u>	<u>19.1</u>	_____	_____
Check Std	<input checked="" type="radio"/> 5 or _____ read only	<u>3.3</u>	<u>4.4</u>	_____	_____
<u>Slope Cal 50</u>	(must be 3.75 to 6.25 or $\pm(5\%+1NTU)$)	<u>47.7</u>	<u>50.1</u>	_____	_____

Time Check- Hydrolab II : 34:20 Watch 11 : 34:21 Cleaned sensor: Yes or No

Created New File: E-KWT03-7-102803 IBP = 10.3V Battery used up 11/06/03

Programmed to start at 1200 hrs on 10/28/03 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: Cloudy

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

Sea State: Calm Slight Rough Very Rough Approx. Wave Height: ripples 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-KWT03-7

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: 10/26/03

Retrieved HYDROLAB # 36407 from Station E-KWT03-7 at 1153^{*} hrs on 10/26/03.
Downloaded File: E-KWT03-7-102403 Checked file content: Y or N Backed up file: Y or N

HYDROLAB # 36407 Deployed at Station E-KWT03-7 at 1238^{*} hrs on 10/26/03.

Turbidity Calibration (Circulator ON)	Time: <u>1215</u> [*] Standard <u>DIW</u> or Air <u>20</u> or ___ 5 or ___ read only	Calibration Responses (NTU)			
		PreCal	PostCal	ReCal-1	ReCal-2
		<u>2.3</u>	<u>0.0</u>	<u>0.0</u>	
		<u>20.1</u>	<u>18.8</u>	<u>19.7</u>	
Check Std		<u>6.2</u>	<u>3.1</u> <small>PC Failed</small>	<u>3.8</u>	
Slope Cal <u>50</u>	(must be 3.75 to 6.25 or ±(5%+1NTU))	<u>48.8</u>	<u>50.2</u>	<u>49.5</u>	

Time Check- Hydrolab 12:08:18^{*} Watch 12:08:10^{*} 9.4V when retrieved Cleaned sensor: Yes or No Changed Batteries

Created New File: E-KWT03-7-102603 IBP = 11.9 V Battery used up 11/21/03

Programmed to start at 1230^{*} 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: ripples 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: * EDT Cruise ship Magic docks at Pier B at 1155 EDT
Cruise ship Glory approaches Mol Pier at 1226 EDT to ~1215
Missed programmed start time

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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 # 36407 from Station E-KWT03-7 at 1019 hrs on 10/24/03.
Downloaded File: E-KWT03-7-102203 Checked file content: Y or N Backed up file: Y or N

HYDROLAB # 36407 Deployed at Station E-KWT03-7 at 1049 hrs on 10/24/03.

Turbidity Calibration (Circulator ON)	Time: <u>1038</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>20.7</u>	<u>20.4</u>		
Check Std	<u>5</u> or read only	<u>5.3</u>	<u>4.8</u>		
<u>Slope Cal 50</u>	(must be 3.75 to 6.25 or ±(5%+1NTU))	<u>51.4</u>	<u>49.8</u>		

Time Check- Hydrolab 10 : 47:38 Watch 16 : 47:36 Cleaned sensor: Yes or No
Created New File: E-KWT03-7-102403 IBP = 10.1 V Battery used up 11/08/03
Programmed to start at 1050 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: protected area. 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): _____ 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: Divers in water nearby removing coral

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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 # 36407 from Station E-KWT03-7 at 1450 hrs on 10/22/03.
Downloaded File: E-KWT03-7-102003 Checked file content: Y or N Backed up file: Y or N

HYDROLAB # 36407 Deployed at Station E-KWT03-7 at 1518 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>1.0</u>	<u>0.0</u>		
	<u>20</u> or _____	<u>20.3</u>	<u>19.7</u>		
Check Std	<u>5</u> or _____ read only	<u>5.9</u>	<u>3.8</u>		
<u>Slope Std 50</u>	(must be 3.75 to 6.25 or ±(5%+1NTU))	<u>50.3</u>	<u>49.7</u>		

Time Check- Hydrolab 15:09:27 Watch 15:09:20 Cleaned sensor: Yes or No
Created New File: E-KWT03-7-102203 IBP = 10.5V Battery used up 11/09/03
Programmed to start at 1520 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 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
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 / <input checked="" type="radio"/> N _____

Recent Ship Traffic: Y N oil boom across mouth of harbor

Other Observations: _____

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E-KWT03-_____

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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 # 36407 from Station E-KWT03-7 at 1220 hrs on 10/20/03.

Downloaded File: E-KWT03-7-102003 Checked file content: Y or N Backed up file: Y or N
101803

HYDROLAB # 36407 ^{< RF 10/20/03} Deployed at Station E-KWT03-7 at 1300 hrs on 10/20/03.

Turbidity Calibration (Circulator ON)	Time: <u>1240</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>19.9</u>	<u>20.0</u>		
Check Std	<u>5</u> or _____ read only <small>(must be 3.75 to 6.25 or ±(5%+1NTU))</small>	<u>5.7</u>	<u>5.0</u>		

Time Check- Hydrolab 12:54:30 Watch 12:54:24 [↑] Retrieved @ 9.5V
Cleared sensor: Yes or No

Created New File: E-KWT03-7-102003 IBP = 11.9 V Battery used up 11/15/03

Programmed to start at 1310 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): No Flow ^{obvious} 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</u> / <u>N</u>		

Recent Ship Traffic: Y / N Navg ship ~ 8AM docking

Other Observations: _____

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

Retrieved HYDROLAB # 36407 from Station E-KWT03-7 at 1100 hrs on 10/18/03.
Downloaded Filename: E-KWT03-7-101603 Checked file content: Y or N Backed up file: Y or N

HYDROLAB # 36407 Deployed at Station E-KWT03-7 at 1140 hrs on 10/18/03.

Turbidity Calibration	Time: <u>1130</u>	Calibration Responses (NTU)			
		Standard	PreCal	PostCal	ReCal-1
(Circulator ON)	DIW or Air	<u>0.7</u>	<u>0.0</u>	<u>0.0</u>	
	50 or <u>20</u>	<u>19.7</u>	<u>20.4</u>		
Check Std	5 or _____ read only (must be 3.75 to 6.25 or ±(5%+1NTU))	<u>5.5</u>	<u>46-4.7</u>		

Time Check- Hydrolab GPS : _____ Watch _____ : _____ : _____ Cleaned sensor: Yes or No
Created New File: E-KWT03-7-101803 IBP = 10.1 V Battery used up 11/10/03 52%
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 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 NAVY BOAT EXIT 11:42

Other Observations: _____

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E-KWT03-7

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Project: PPB/COE - Key West Background Turbidity
Project Number: 03-7333-03
Field Team Members: SAC / TWM / M6D
Calibration Date: 10/16/03

Retrieved HYDROLAB # 36407 from Station E-KWT03-7 at 0800 hrs on 10/16/03.
Downloaded Filename: E-KWT03-101403 Checked file content: or N Backed up file: or N

HYDROLAB # 36407 Deployed at Station E-KWT03-7 at 0900 hrs on 10/16/03.

Turbidity Calibration (Circulator ON)	Time: <u>0828</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>0.0</u>	<u>0.0</u>	
		<u>19.5</u>	<u>19.8</u>		
		<u>3.3</u>	<u>4.9</u>		

Time Check- Hydrolab GPS: ___ Watch ___:___:___ Cleaned sensor: or No
Created New File: E-KWT03-7-101603 IBP = 8.4/11.9 V Battery used up 11/10/03 93%
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 CLOUDY
Wind Direction: N NE E SE S SW W NW Wind Conditions: Calm Slight 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
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: 1012 FILE - E-KWT03-7-101203 (deleted)
BATTERY Δ

Key West Background Turbidity Field Sheet Station(s) E-KWT03-7

E-KWT03-7

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Project: PPB/COE - Key West Background Turbidity
Project Number: 03-7333-03
Field Team Members: TFB, SAC, TWM, ONH
Calibration Date: 10/14/03

Retrieved HYDROLAB # 36407 from Station E-KWT03-7 at 1025 hrs on 10/14/03.
Downloaded Filename: E-kwt03-7-101203 Checked file content Y or N Backed up file Y or N

HYDROLAB # 36407 Deployed at Station E-KWT03-7 at 1055 hrs on 10/14/03.

Turbidity Calibration (Circulator ON)	Time: <u>1036</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> </u>	<u> </u>
		<u>19.8-20</u>	<u>19.9-20.1</u>	<u> </u>	<u> </u>
		<u>4.8-5.0</u>	<u>4.5</u>	<u> </u>	<u> </u>

Time Check- Hydrolab GPS ✓ Watch : : Cleaned sensor: Yes or No
Created New File: E-KWT03-7-1014-03BP = 9.2 V Battery used up 10/20/03. 42% left
Programmed to start at 1100 hrs on 10/14/03 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: PARTLY CLOUDY
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: 41.0 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-KWT03-7

E-KWT03-7

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Project Number: 03-7333-03
Field Team Members: TFB, ONH
Calibration Date: 10/12/03

Retrieved HYDROLAB # 36407 from Station E-KWT03-7 at 1031 hrs on 10/12/03.
Downloaded Filename: E-KWT03-7-101003 Checked file content: Y or N Backed up file: Y or N

HYDROLAB # 36407 Deployed at Station E-KWT03-7 at 1055 hrs on 10/12/03.

Turbidity Calibration (Circulator ON)	Time: <u>1042</u> Standard	Calibration Responses (NTU)			
		PreCal	PostCal	ReCal-1	ReCal-2
DIW or Air		<u>0.0</u>	<u>0.0</u>		
50 or <u>20</u>		<u>18.8-19.3</u>	<u>19.3</u>		
Check Std	5 or <u> </u> read only (must be 3.75 to 6.25 or ±(5%+1NTU))	<u>4.8-5.0</u>	<u>4.8-5.0</u>		

Time Check- Hydrolab GPS ✓ Watch : : Cleaned sensor: Yes or No
Created New File: E-KWT03-7-101203 IBP = 9.5 V Battery used up 10/25/03. 48% left
Programmed to start at 1100 hrs on 10/12/03 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: 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 ft
Tidal Stage: Falling Slack Low Rising Slack High
Water Mass Boundary Present: Y / N
Surface Current Direction (flowing to): NE and Speed: 1 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-KWT03-7

E-KWT03-7

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 # 36407 from Station E-KWT03-7 at 1115 hrs on 10/10/03.
Downloaded Filename: E-kwt03-7-100803 Checked file content: Y or N Backed up file: Y or N

HYDROLAB # 36407 Deployed at Station E-KWT03-7 at 1135 hrs on 10/10/03.

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>	
	50 or <u>20</u>	<u>18.7-19.0</u>	<u>20.3-20.1</u>		
Check Std	<u>5</u> or _____ read only (must be 3.75 to 6.25 or ±(5%+1NTU))		<u>4.6-4.9</u>		

Time Check- Hydrolab GPS ✓: _____ Watch _____: _____: _____ Cleaned sensor: Yes or No
Created New File: E-kwt03-7-101003 IBP = 9.8 V Battery used up 10/25/03 54% left
Programmed to start at 1140 hrs on 10/10/03 at 2-min. intervals. (start times at 00, 10, 20, 30, 40, 50)
Data Terminal Cap: Silicone applied: Y or N by TFB Cap burped: Y or 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: Cloudy
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: 41 ft
Tidal Stage: Falling Slack Low Rising Slack High
Water Mass Boundary Present: Y / N _____
Surface Current Direction (flowing to): NONE and Speed: NA mph

Current Monitoring Buoy: _____ DGPS Serial No. _____ Track ID: _____
Time deployed 1330 hrs, Time retrieved _____ hrs Nominal depth to drum top: 10 ft
Obvious Cross Wind or Currents: Y / N _____

Recent Ship Traffic: Y / N _____

Other Observations: _____

Key West Background Turbidity Field Sheet Station(s) E-KWT03-7

E-KWT03-7

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: 10/8/03

Retrieved HYDROLAB # 36407 from Station E-KWT03-3 at 1055 hrs on 10/8/03.

Downloaded Filename: E-KWT03-3 Checked file content: Y or N Backed up file: Y or N
↳ CHANGED FILE NAME FROM -3 TO -7

HYDROLAB # 36407 Deployed at Station E-KWT03-7 at 1116 hrs on 10/8/03.
NOAA DOCK

Turbidity Calibration (Circulator ON)	Time: <u>1100</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>SD</u> or _____		<u>49.8</u>	<u>49.8</u>		
Check Std	<u>SD</u> or _____ read only (must be 3.75 to 6.25 or ±(5%+1NTU))		<u>4.7</u>		

Time Check- Hydrolab GPS V: Watch _____: _____: _____
Cleared sensor: Yes or No
Created New File: E-KWT03-7-100803 IBP = 10.2 V Battery used up 10/25/03 61% left
Programmed to start at 1120 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 & 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): NONE and Speed: NA 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> / <u>N</u> _____

Recent Ship Traffic: Y / N - NOT LIKELY

Other Observations: STA ID CHANGED FROM 3 TO 7 TO
INCLUDE CITY STATIONS

3/1

Key West Background Turbidity Field Sheet Station(s) E-KWT03-3

E-KWT03-3

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

Retrieved HYDROLAB # 36407 from Station E-KWT03- at 10/8/03 hrs on 10/8/03.

Downloaded Filename: E-KWT03-3 Checked file content: Y or N Backed up file: Y or N
RENAME E-KWT03-7

HYDROLAB # 36407 Deployed at Station E-KWT03-3 at 1515 hrs on 10/6/03.
MOAA DOCK

Turbidity Calibration	Time: <u>1015</u>	Calibration Responses (NTU)			
		Standard	PreCal	PostCal	ReCal-1
(Circulator ON)	<u>DIW</u> or Air	<u>1.3</u>	<u>0.0</u>	<u>0.0</u>	
	<u>50</u> or	<u>50.8</u>	<u>50.0-50.1</u>		
Check Std	<u>5</u> or read only		<u>4.3</u>		

(must be 3.75 to 6.25 or ±(5%+1NTU))

→ E-KWT03-3
 Time Check- Hydrolab GPS SET Watch : : Cleaned sensor: Yes or No
 Created New File: E-KWT03-3 IBP = 11.6 V Battery used up 10/30/03 89% Left
RENAME E-KWT03-3
 Programmed to start at 1510 hrs on 10/6/03 at 2-min. intervals. (start times at 00, 10, 20, 30, 40, 50)
 Data Terminal Cap: Silicone applied: Y or N by TFB Cap burped: Y or 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: 40.5 ft
 Tidal Stage: Falling Slack Low Rising Slack High
 Water Mass Boundary Present: Y N
 Surface Current Direction (flowing to): none and Speed: NA 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> / <u>N</u> _____

Recent Ship Traffic: Y / N _____

Other Observations: RESET CLOCK TO DGPS TIME, RENAME TO INCLUDED CITY STATIONS, *RENAME DOWNLOAD FILE, DEPLOYED AFTER START TIME

↳ E-KWT03-7-100603