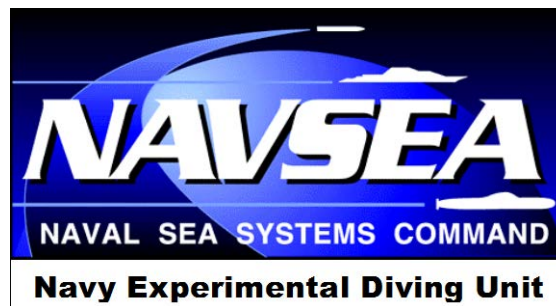


Navy Experimental Diving Unit
321 Bullfinch Road
Panama City, FL 32407-7015

TA 10-12
NEDU TR 17-10
August 2017

**ADDITION OF WORK RATE AND TEMPERATURE
INFORMATION TO THE AUGMENTED NMRI STANDARD
(ANS) DATA FILES IN THE “he8n25” SUBSET OF THE
USN PRIMARY DATA SET**



Authors:
DAVID J. DOOLETTE

Distribution Statement A:
Approved for public release;
distribution is unlimited.

REPORT DOCUMENTATION PAGE				Form Approved OMB No. 0704-0188	
Public reporting burden for this collection of information is estimated to average 1 hour per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing this collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports (0704-0188), 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302. Respondents should be aware that notwithstanding any other provision of law, no person shall be subject to any penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number. PLEASE DO NOT RETURN YOUR FORM TO THE ABOVE ADDRESS.					
1. REPORT DATE (DD-MM-YYYY) 25-08-2017		2. REPORT TYPE Technical Report		3. DATES COVERED (From - To) May 2013 – Aug 2013	
4. TITLE AND SUBTITLE Addition of work rate and temperature information to the Augmented NMRI Standard (ANS) data files in the "he8n25" subset of the USN primary data set				5a. CONTRACT NUMBER	
				5b. GRANT NUMBER	
				5c. PROGRAM ELEMENT NUMBER	
6. AUTHOR(S) David J. Doolette				5d. PROJECT NUMBER	
				5e. TASK NUMBER 10-12	
				5f. WORK UNIT NUMBER	
7. PERFORMING ORGANIZATION NAME(S) AND ADDRESS(ES) Navy Experimental Diving Unit 321 Bullfinch Road Panama City FL 32407-7015				8. PERFORMING ORGANIZATION REPORT NUMBER NEDU TR 17-10	
9. SPONSORING / MONITORING AGENCY NAME(S) AND ADDRESS(ES) Naval Sea Systems Command 1333 Isaac Hull Avenue, SE Washington Navy Yard D.C. 2037				10. SPONSOR/MONITOR'S ACRONYM(S) NAVSEA	
				11. SPONSOR/MONITOR'S REPORT NUMBER(S)	
12. DISTRIBUTION / AVAILABILITY STATEMENT Distribution Statement A: Approved for public release; distribution is unlimited					
13. SUPPLEMENTARY NOTES					
14. ABSTRACT USN primary decompression data set is a collection of dive profiles that the U.S. Navy uses to calibrate probabilistic decompression models. Each dive profile describes the depth/time/breathing gas history, number of participating divers, and decompression outcome of experimental dives. Original research reports, research protocols, databases, and diving logs describing the experimental dives were searched for work and temperature information. A subset of the USN primary decompression data set was augmented so that dive profiles included diver whole body oxygen consumption (estimated from descriptions of work performed), work type, posture, water temperature, and diving dress.					
15. SUBJECT TERMS					
16. SECURITY CLASSIFICATION OF:			17. LIMITATION OF ABSTRACT Unclassified	18. NUMBER OF PAGES 61	19a. NAME OF RESPONSIBLE PERSON NEDU Librarian
a. REPORT Unclassified	b. ABSTRACT Unclassified	c. THIS PAGE Unclassified			19b. TELEPHONE NUMBER (include area code) 850-230-3100

CONTENTS

REPORT DOCUMENTATION PAGE.....	i
Contents.....	ii
Background	1
Data set.....	1
Work coding	2
Water temperature coding.....	3
Work and temperature coding examples.....	4
Common work calculations	5
DC8416W.....	6
DRATMX.....	7
EDU185S	11
EDUHe70	11
NMR86h6	14
NMR9404	14
NSMTMX.....	14
References.....	15
Appendix A Data file summaries.....	A-1

BACKGROUND

The USN primary decompression data set comprises computer data files describing experimental manned dives conducted by the U.S. Navy, Royal Navy, and Canadian Forces. Each data file is a collection of dive profiles each describing the depth/time/breathing gas history, number of participating divers, and decompression outcome of a particular dive schedule. This data set is used by the U.S. Navy to calibrate probabilistic decompression models. The Navy Experimental Diving Unit (NEDU) is developing probabilistic decompression models that incorporate the influence of work rate during different phases of the dive. Calibration of these models will require augmentation of the dive profiles in the USN primary decompression data set to include work history. This report describes the augmentation of a subset of the USN primary decompression data set to include workⁱ history. In addition to coding work, the opportunity was taken to code water temperature and diver dress information into dive profiles describing immersed dives.

DATA SET

Dive profiles in the USN primary decompression data set are collected together into individual files that contain dives of a similar type conducted in the course of one or several closely related dive trials. For instance, the data file DC8416W.dat comprises dives conducted during the development of surface-supplied helium-oxygen decompression tables at the Canadian Defense and Civilian Institute of Environmental Medicine (DCIEM) during the mid 1980s. The most recently published U.S. Navy helium-nitrogen-oxygen probabilistic decompression model is called LEM-he8n25¹ and was calibrated with a subset of the USN primary decompression data set (he8n25). This data set includes files describing nitrogen-oxygen diving which have previously been augmented with work and temperature information² and this report describes augmentation of the data files describing helium-nitrogen-oxygen diving. The data files augmented to include work and temperature information are listed below. These data file names will be appended with and “e” and “t” as appropriate, to signify addition of work (exercise) or temperature information, respectively.

ⁱ Although work has a specific physical definition (SI units kg·m) and is used in this sense in this report, it will also be used interchangeably with the term “exercise” to indicate the act of performing work.

Data file	Work	Data file	Work
Helium - based		Nitrogen-Oxygen	
DC8416W	Y	ASATNSM	N
DRATMXW	Y	ASATEDU	N
EDU185S	Y	EDU1180S	Y
EDUHe70	Y	EDU885A	Y
NMR86H6	Y	EDU885M	Y
NMR9404	Y	EDU885S	Y
NSMTMX	N	NMR8697	Y
		NMR94EOD	Y
		NSM6HR	Y

The NMRI standard format was developed as a concise, machine-readable format for describing depth/time/breathing gas history (dive profile) of a dive.³ This format was subsequently augmented providing some additional functionality.⁴ The augmented NMRI standard (ANS) format is described in detail elsewhere.⁴ Briefly, each data file can contain many dive profiles; the first line of each dive profile is a header line of free text that may also include some machine-readable switches, and the second line defines the breathing gas with which the divers' bodies are in equilibrium prior to the dive and, optionally, fields giving the number of divers, decompression outcome, and the time interval of DCS symptom onset. Subsequent lines each give elapsed time; depth (at that point in time); optionally, a new breathing gas; and the time over which the switch to this new gas occurs. The line following the final such depth-time-breathing gas node is an end-of-profile indicator (either -0000.0 or -9999.9). Work and temperature coding information was added to the dive profile lines describing time-depth-breathing gas nodes.

WORK CODING

In an ANS dive profile, work codes may be located on lines three onward as appropriate, but not on the last line (-0000.0 or -9999.9), in set notation [line 3,last line). If a work code appears, it is in the fifth field. Therefore, for nodes that include a gas switch, the work code follows the gas switch time. The work code applies to the following dive segment: i.e. the work starts at the node (time-depth) on the same line and continues to the node on the next line (or as indicated with the P switch, see below).

The code has multiple elements separated by pipelines. In the following representation, square brackets indicate optional elements:

[aa[bb[c|d]][P[##]]][S]

aa: number, any precision, specifying work rate as whole body oxygen uptake ($\dot{V}_{O_2}$), in L/min

bb: integer, specifying work type

Code	Work type
0	Undefined (e.g. multiple work types)
1	Cycle ergometer
2	Weight lifting
3	Fin swimming
4	Treadmill/Running
5	Sled ergometer

c: integer, specifying immersion, 0=dry (not immersed), 1=wet (immersed)

d: integer, specifying posture (body position)

Code	Position
0	Unknown, mixed
1	Upright
2	Prone
3	Supine

The final two elements of the work code, P and S, are switches that override the default behavior whereby the work code applies only to the whole of the dive segment following the current node. The P switch can be used in two ways.

P indicates that the work persists beyond the next node until an explicit stop switch (S, see below), or another work code.

P##, where ## indicates a number of any precision, indicates that work persists from the present node for ## minutes and no stop switch is required.

S (stop switch) turns off a persistent work code. The S switch has the same location requirements as a work code: [line 3,last line) as appropriate, fifth field (note the preceding pipeline is required).

Work codes are optional and a baseline resting $\dot{V}_{O_2}$ is assumed if no explicit work codes are given. If a work code other than an S switch appears, it must consist of at least the aa ($\dot{V}_{O_2}$) component. Elements bb, c, and d are optional, but if noncontiguous elements are specified, all the pipeline separators must be used to indicate empty fields. P and P## are optional. |S appears by itself, with no other work code elements.

WATER TEMPERATURE CODING

Water temperature codes may be located on lines three onward of an ANS dive profile, but not on the last line (-0000.0 or -9999.9), in set notation [line 3,last line). If the temperature code appears, it is in the sixth field. Therefore, for nodes that include a work code, the temperature code follows the work code. The temperature code applies to the dive segment following the node at which it appears: i.e. the temperature starts at the node (time-depth) on the line on which it appears and continues to the node on the next line. However, most commonly, temperature codes include the P and S switches

(which behave as described in the Work coding section) and persist through multiple contiguous dive segments.

The temperature code has multiple elements separated by pipelines. In the following representation, square brackets indicate optional elements:

[e|ff|gg|hh|[P[##]]][|S]

e: integer, specifying measurement scale, 1=Fahrenheit, 2=Celsius

ff: integer, specifying diving dress

Code	Diving dress
0	Undefined
1	Shorts & T-shirt
2	¼" (6mm) full neoprene wetsuit (or similar)
3	Dry suit
8	Hot water suit

gg: number, any precision, specifying water temperature

hh: number, any precision, specifying skin temperature

The temperature code is optional but as a minimum must have e, ff, gg. Element hh is optional but the pipeline separators must be used to indicate an empty field. P and P## are optional. |S appears by itself with no other temperature code elements. Air temperature is not coded.

WORK AND TEMPERATURE CODING EXAMPLES

The following examples make use of the ANS format comment indicator "!".

118.0, 40.1, 41.4, DR0006A 3 REPETS= 1

1.000, 2, 0.0,

0.00, 0,,, , 2|2|21||P ! Celsius, 1/4" wetsuit, 21 °, persist

0.20, 2,

0.50, 15,

2.60, 114,

2.70, 117,,, 1.0|1|1|1|P ! 1 L/min $\dot{V}_{O_2}$ cycle ergometer, immersed, upright, persist

3.00, 116,

4.00, 117,,, |S ! stop work

40.10, 118,

41.00, 77,

43.00, 29,

45.00, 26,

49.00, 20,

53.00, 15,

57.00, 12,
 57.90, 10,
 80.00, 10,
 80.10, 9,
 80.50, 4,
 81.00, 1,
 81.50, 0,,, , |S ! stop temperature
 1521.50, 0.00,
 -9999.0

100.0, 85.0, 61.0, 11/24/44 EDU545 LOG 31
 1.0, 1, 1.0, 176.0, 214.0,
 0.00, 0.00,,, , 1|3|58||P !Fahrenheit, drysuit, 58 °, persist
 2.00, 100.00,,, 1|2|1|1 ! 1 L/min $\dot{V}_{O_2}$, weight lifting, immersed, upright
 85.00, 100.00,
 88.00, 30.00,
 94.00, 30.00,
 95.00, 20.00,
 123.00, 20.00,
 124.00, 10.00,
 145.00, 10.00,
 146.00, 0.00,,, . |S ! stop temperature
 -0000.0

COMMON WORK CALCULATIONS

The work and temperature codes were built from information given in the published reports of the dive trials that underlie the data files and in some cases from consulting the original dive logs. Details of building these codes are given in the sections for each data file. In some cases, estimates of $\dot{V}_{O_2}$ are given in the original reports. In most cases $\dot{V}_{O_2}$ is not given in the reports and was estimated by using known relationships to recorded factors such as heart rate or work rate.

CYCLE ERGOMETER

Many of the data files represent U.S. Navy dive trials that were conducted with divers performing work on underwater cycle ergometers. Originally these ergometers were produced for non-immersed applications (W. E. Collins; Braintree, MA) and were housed in a custom-built waterproof cases aftermarket. The Collins ergometer has been discontinued, and a similarly designed, hysteresis-braked (HB210, Magtrol; Buffalo, NY) ergometer is built at NEDU. The controller (W. E. Collins; Braintree, MA) applies a current to the hysteresis brake to impose a constant power (work rate indicated in watts) requirement to pedal the ergometer for non-immersed cycling. The NEDU ergometer and Collins controller and have been carefully characterized.⁵

The relationship between $\dot{V}_{O_2}$ and power required for non-immersed cycle ergometry work is well characterized,⁶ but additional work is imposed on an immersed diver by moving the legs and ergometer pedals through the water, flexing any diving dress, and any additional work of breathing due to breathing apparatus.^{5,7} The additional diver power requirement imposed by immersion varies with pedaling cadence,⁵ and to minimize variability in total power requirements, most dive trials using the Collins or NEDU ergometers used a target cadence of 60 rpm. At this cadence, $\dot{V}_{O_2}$ for immersed divers wearing T-shirt and shorts or 6mm full wet suit and pedaling NEDU cycle ergometers in a prone position (to mimic fin swimming) can be calculated from the “dry” watts setting on the hysteresis brake controller as^{5,8}

$$\dot{V}_{O_2} = 0.0152 \times W + 1.335 \quad \text{Equation 1}$$

And for a non-return valve (NRV) hot water suit as:^{5,8}

$$\dot{V}_{O_2} = 0.0146 \times W + 1.963 \quad \text{Equation 2}$$

INTERMITTENT WORK AND RESTING OXYGEN CONSUMPTION

Work was often performed intermittently, particularly in dive trials using cycle ergometry. $\dot{V}_{O_2}$ for a period of intermittent work was calculated from the work/rest duty cycle as the time (t) weighted average of estimated working and resting $\dot{V}_{O_2}$ s:

$$\dot{V}_{O_2} = \frac{(\dot{V}_{O_{2work}} \times t_{work}) + (0.5 \times t_{rest})}{t_{work} + t_{rest}} \quad \text{Equation 3}$$

Resting $\dot{V}_{O_2}$ was assumed to be 0.5 L/min (right-hand term in numerator) to account for immersion, cold, and breathing resistance. For instance, a resting $\dot{V}_{O_2}$ of 0.48 L/min has been measured in dry-suited divers in 40 °F water breathing from MK 16 underwater breathing apparatus with N₂-O₂ diluent at 150 fsw pressure.⁹

DC8416W

These dive profiles describe wet, working chamber dives conducted during the development and validation of the Canadian Forces surface-supplied open-circuit 84/16 He-O₂ decompression tables at the Defence and Civil Institute of Environmental Medicine (DCIEM). These dive trials were conducted in several series, each described in separate DCIEM Technical Memoranda. DC8416W contains only dives from the development of the in-water decompression schedules. Work and temperature coding

was based on the three technical memoranda¹⁰⁻¹² and a test plan for the subsequent surDO2 series (DCIEM EDU Test Plan 4/89) that were available in the NEDU library.

In these dive series, divers wearing hot water suits and submerged in 10 °C water divers performed intermittent cycle ergometer at a 50 W setting. Intermittent work duty cycle was 10 minutes work / 10 minutes rest. The DCIEM ergometers are upright (personal communication Keith Gault; 2 May 2006). The test plan indicates a pedaling cadence of 60 rpm and indicates that this work will not exceed 75% of maximum heart rate. Based on the latter, and reports of other experimental dives at DCIEM^{13,14}, the 50 W setting was assumed to be a dry ergometer setting. Using Equation 2, determined from divers using the same brand of hot water suit (Divers Unlimited International), gives 2.7 L/min $\dot{V}_{O_2}$. A working $\dot{V}_{O_2}$ of 2 L/min was estimated for 75% maximum heart rate using Figure 9.10 (p. 289) of Åstrand et al. (2003)⁶, which relates percentage of maximum heart rate (%HRmax) to percentage of maximum $\dot{V}_{O_2}$ (% $\dot{V}_{O_2}$ max), and assuming a maximum $\dot{V}_{O_2}$ ($\dot{V}_{O_2}$ max) of 3.2 L/min. These two values result in values of 1.6 L/min and 1.3 L/min $\dot{V}_{O_2}$ for intermittent work (Equation 3). The former value was used and these work code was 1.6|1|1|1 (1 L/min $\dot{V}_{O_2}$ |cycle ergometer|wet|upright) and was assigned to the time at bottom only. The temperature code was 2|8|10||P (Celsius|hot water suit|10 °C||Persist).

The coded file incorporated changes made in 2001 by W.A. Gerth to profiles 63, 81, 86, 87 to correct for overlap of gas switches. In the latter three profiles, the 9 msw stop ended with a brief air break (shorter than the 1.3 minute gas switch time) then a switch back to oxygen for the ascent to surface. There is not enough detail in the technical memoranda to verify these switches. In these profiles the gas switch time was shortened, with trivial impact on the estimated risk. In profile 63, two gas switches are eliminated. The original profile had begun the 9 msw stop with the following breathing periods: 0.8 minutes oxygen/ 24 minutes air/1.6 minutes oxygen/10 minutes air. The changed profile results in a first oxygen period of 26 minutes (instead of the typical 30 minutes) followed by a 10 minute (instead of the typical 5 minutes) air break.

DRATMX

Coding of this data was based on copies of the original chamber dive logs and correspondence with staff from the (then) Defence Evaluation and Research Agency (DERA, U.K. Ministry of Defence, since split into the Defence Science and Technology Laboratory DSTL and QinetiQ). A reports of field trials of these schedules¹⁵ cites several reports, apparently describing the DRATMX chamber dives, but copies of these reports could not be located. Therefore, details of these dives gleaned from the diving logs, correspondence, and field trials reports will be given here.

These dive profiles describe several phases in the development of decompression schedules for open-circuit trimix dives with oxygen decompression. The dives were conducted at the Admiralty Marine Technology Establishment Physiological Laboratory (previously Royal Navy Physiological Laboratory, subsequently DERA) Deep Trials Unit. Single dives were conducted to maximum depths of 70, 75, and 80 meters of sea water

(msw) for bottom times of 15 or 25 minutes. For each chamber dive, two divers wearing neck entry dry suits inflated with air and with wooly bear undergarments were compressed along with a dry attendant, but the attendant data is not included in the data file. Typically, divers were compressed in a dry air atmosphere ("D.C." chamber) while breathing trimix from the chamber built-in-breathing system (BIB). Upon reaching the maximum air pressure, the divers donned Kirby Morgan band masks (KMB10) and entered the wet pot so that the bottom depth was 2 msw (6.36 fsw) deeper than the chamber depth. During this period of immersion the two divers alternately used a single "swim machine". Divers ascended to the water surface at the end of bottom time and remained in a prone position during the ascent to the first stop depth.

For some dives, divers transferred under pressure to an adjoining chamber ("C.C." chamber) which had been compressed to the first decompression stop depth with a trimix atmosphere of the same mixture as the divers' breathing gas. Divers breathed trimix via BIBs during the transfer under pressure and until C.C. chamber atmosphere was re-established. Thereafter divers breathed chamber atmosphere. The first logged dives are Series Two, there is not a Series One. Series Two, dives 1-13 (DRATMXET profiles 1-18) were to establish a safe first stop depth following a 75 msw (246 fsw) for 25 minute bottom time, and in these dives the first stop was six hours duration with dives breathing trimix in C.C. chamber. For dive dives 1-8 (DRATMXW profiles 1-10), trimix was breathed throughout decompression to the surface. After establishing a 10 msw first stop depth, dives 9-13 (DRATMXW profiles 11-18) used oxygen breathing throughout decompression from the end of the six hour 10 msw stop to the surface. Similar dives established a safe first stop depth for 80 msw (262 fsw) for 25 minutes bottom time except that the hold at first stop depth was only for two hours, and then decompression to the surface was oxygen breathing via BIBs with breaks breathing C.C. chamber trimix atmosphere (Series Two, Phase Four, dives 41-51, DRATMXW profiles 50-61; Series Two, Phase Five, dives 52-57, DRATMXW profiles 62-67). Dive log Series Four, Phase One (dive log dives 63-64, DRATMXW profiles 75-76) were 80 msw for 15 minute bottom time dives with oxygen decompression with trimix breaks. Water temperature was around 7 °C for these dives except for Series Two, Phase Four which had water temperature around 16 °C.

Other dives were conducted with in-water decompression. Dive log Series Two, Phase Two, dives 14-19 (DRATMXW profiles 19-25) were in-water trimix. The remaining divers were in-water oxygen decompression without breaks (Series Two, Phase Three, dives 20-40, DRATMXW profiles 26-49; Series Three, Phase One, dives 58-62, DRATMXW profiles 68-74; Series Four, Phase Two and Three, dives 65-75, DRATMXW profiles 77-87; and Series Five and Six, dive 76-99, DRATMXW profiles 88-112). Water temperature was around 7 °C for these dives except for Series Two, Phase Three which had water temperature around 16 °C.

During the period of immersion the two divers alternately used a single "swim machine", typically alternating five-minute periods of work and rest (50% duty cycle). However, many of the dives were for 15 minutes bottom time, and the period of immersion was less than 10 minutes, so the work periods were half the total time of immersion (ranging from 3.5 to 5 minutes). The swim machine was not described in the dive logs.

Correspondence with QinetiQ staff (Graham White email to David Doolette “A bit more on the RNPL/ARE swim machine” of 13 AUG 2013) indicate it was a “trapeze” style apparatus, and dive log entries mention fins, indicating fin swimming and a prone position. A “thrust” setting for the swim machine, typically 10 “kgs” (or “lbs”), and “thrust” output (or sometimes “effort”) for each work period ranging from 2 to 43 “kgs”, was generally given; presumably in both settings and output these are incorrect abbreviation for kilograms. Kilograms are not a meaningful description of thrust which should have units of force (e.g. Newtons, dimensions of MLT^{-2}). It is not possible to determine the work rate from the information given. In the absence of any information, a $\dot{V}O_2$ for the intermittent work of 1 L/min was assigned, this value being typical of many other data sets. The duration of immersion (and intermittent work) were at most 20 minutes and typically shorter than 10 minutes, so any inaccuracy introduced by an incorrect assignment of $\dot{V}O_2$ is small. The work code was 1|3|1|2 (1 L/min $\dot{V}O_2$ |fin swimming|wet|prone) was added to the node beginning the single segment describing the period of immersion.

Water temperature was either about 7 °C or 16 °C and divers wore dry suits with woolly bears. Although not always logged, typically divers were not in the wet pot during compression, and were breathing from BIBS, or occasionally KMB10, and entered the wet pot once D.C. chamber reached bottom. For the dives with dry decompression, the temperature code 2|3|xx (celcius|dry suit|7 degrees) was added to the node beginning the single segment describing the period of immersion. For the dives with in-water decompression the 2|3|xx||P (celcius|dry suit|xx degrees||Persist) was added to the node beginning the single segment describing the period of immersion and the |S (stop temperature) was placed appropriately, usually on reaching zero fsw. A few dive logs gave temperature in Fahrenheit, and were so coded.

The ANS dive profile header line includes an identification code that combines header information from the dive logs: a four digit serial number, dive series number [phase number], and dive number. These may be further appended with “a” and “b” if the profile has been duplicated to accommodate DCS information for one or both divers. For instance profiles 1540211a and 1540211b arise from dive log serial 1540 describing dive number 11 of trimix Series Two (there is no Series One in DRATMXW) which resulted in marginal DCS in both divers (different T2 times). The trimix experimental dives are numbered sequentially in the dive logs, the DRATMXW profile numbers are in the same order, but the numbers do not correspond.

DRATMXET profile #	Action	Reason
1–8	Gas switch nodes added	Incremental increase in oxygen fraction to 25% (6.250500), between 9 and 5.5 msw ¹
3	No change	Logs indicate water temperature high, but values not given
9,[10]	Recoded, combined	DCS at depth ² and identical profiles (DCS, T1, T2) combined as profile 9, 10 deleted

11,12	Gas switch nodes removed	Remove oxygen breathing period at first stop ³
12a,12b	Recoded	Moved descent in wet pot ⁴
12	Split a,b	One diver did partial work ⁵
26	Recoded	DCS at depth ²
28	Recoded	Recompression after reaching surface due to DCS in other diver
35,41	60 °F	Temperature not recorded, assumed same as other series two, phase three dives
45,[46]	Combined, S	Identical profiles combined as 45, 46 deleted, dry decompression ⁶
51,52	Work type 2	Dive logs indicate weight lifting
84	No work	Dive logs indicate diver sick

1. In the dives with six hour hold at first stop and all trimix decompression (profiles1–8), the chamber atmosphere oxygen fraction (nominally 20%) was increased incrementally starting at about the 9 msw (29.53 fsw) stop. Oxygen fraction was stabilized at 25% from about the 6 msw (19.69 fsw) stop until reaching surface. These changes were indicated by the hourly chamber atmosphere analyses, and often by specific log entries of “oxygen made up to xx.x%”. These changes in oxygen fraction were not coded in the data file DRATMW.dat. Inserting a gas switch to 25% oxygen (6250500) results in approximately a 2% decrease in LEM-he8n25-estimated P_{DCS} . By trial and error, it was determined that including the earlier increases in oxygen fraction decreased the P_{DCS} by only an additional few tenths of a percent. It was therefore decided that it was important to include the gas switch to 25% oxygen but the accurate timing of this and earlier gas switches was not critical. Profiles1–8 were modified by inserting gas switch new gas switch nodes according to the following rules. Only gas switches that increased the atmosphere above 22% oxygen were coded. Only one gas switch per unit change in oxygen fraction was coded, i.e. if the chamber atmosphere was noted to increase to 22.2%, then to 22.7%, and then to 23.5%, only the first and third of these were coded. The time of specific log entries took precedence over the record of chamber analysis, i.e. a log entry stating “oxygen made up to 25%” was used to mark the gas switch time in preference to a scheduled atmosphere analysis. Oxygen analysis used was that indicating “CC” chamber. If a reading was taken one minute from an existing node, the gas switch was coded on the existing node. A few log entries indicate the duration of oxygen make-up from 23.5% to 25% (15-35 minutes) and these gas switch times were used. Where the duration of gas switch was not logged, a one-minute gas switch time was used. Profiles 9 and 10 describe a dive with a six hour hold at first stop depth of 9 msw, but the chamber was recompressed to treat the DCS in both divers.
2. DRATMXW profiles had 24 hour linear ascent from DCS T2 depth to surface beginning after T2 time. Recoded to end at T2 time for dives that resulted in recompression.
3. DRATMXW had brief oxygen breathing period soon after arrival at first stop, coinciding with dive log entry of divers on and off BIBs. Logs do not indicate BIBs gas (although other dive logs specifically log line up oxygen to “CC” BIBS at the end of first stop), and this was more likely divers were breathing trimix via BIBS during the T.U.P. from “DC” to “CC” until “CC” atmosphere was reestablished, as in all other Series Two dives.
4. DRATMXW has divers descending to bottom of wet pot before press, which is not indicated in dive log. Dive log does include separate logged times for reaching 73 and 75 msw, the dry chamber and bottom of wet pot depths, respectively. This format is typical of other profiles. Profile 11 is probably similarly incorrect, but separate times not indicated, so left unchanged.
5. Diver 1 (a) logged as at surface of wet pot and “not well” five minutes after start work.
6. Divers unwell during time at bottom, removed from water. Diver 1 unwell again during oxygen decompression, switch to air table.

EDU185S

Work and temperature coding of this data file were based on the descriptions given in NEDU TR 1-85.¹⁶ Divers performed electrically-braked cycle ergometer work at 75 watts, cadence 55–60, with a duty cycle of 6 minutes work / 6 minutes rest while on the bottom. Divers rested during decompression. NEDU TR 1-85 gives an estimated $\dot{V}_{O_2}$ for the intermittent work of 1–1.2 L/min based on previously reported measurements of 1.6–1.8 L/min for the work and 0.4–0.5 L/min for rest.^{9,17} These $\dot{V}_{O_2}$ estimates are low in comparison to estimates based on equation Equation 1, so the high (1.2 L/minute) end of the given range was used. One of the papers cited for $\dot{V}_{O_2}$ estimates indicates a prone position on the ergometer¹⁷, and prone was assumed for this dive series. The work code 1.2|1|1|2 (1.2 L/min $\dot{V}_{O_2}$ |cycle ergometer|immersed|prone) was assigned to the time at bottom.

Divers wore 1/4-inch full wetsuit and water temperatures were based on planned total dive time with the breaks as follows: ≤ 29 min = 45 °F; 30–79 min = 50 °F; 80–189 min = 55 °F; 190–359 min = 60 °F; ≥ 360 min = 65 °F. The temperature codes assigned were 1|2|xx|P (Fahrenheit|wetsuit|xx°F|persist), with xx taking the appropriate values based on total dive duration, except as follows. NEDU TR 1-84 (page 6 and 14) indicates that 47 man-dives on three no-stop schedules were conducted in 71 °F water at the end of Phase I. However, examination of Table 3 and Table D-1 of NEDU TR 1-84 indicates these dives were conducted on 15th and 17th of February 1985 and that 57 dives were conducted on the three schedules on these two days. It is not feasible that the NEDU OSF wet pot temperature was adjusted by 15 °F or more (as would be required to match the duration-based temperature assignment) in the course of one day. These 57 dives were identified as being EDU184s profiles 34–39 and 184, which were all assigned a temperature of 71 °F.

EDUHE70

Work and temperature coding was based on description given in NEDU TR 4-70¹⁸ and on review of the original NEDU diving logs for the period March 1967 through May 1968 (NEDU diving logs 69, 70, 72, 75, 76). These dives were conducted to develop and validate decompression schedules for the Advanced Diving System (ADS IV). Divers worked while submerged at maximum depth and rested during decompression. Divers alternated between five-minute periods of weight lifting, swimming on a trapeze-style ergometer, and rest. No information is given about the weight lifting, but the trapeze work was noted to be equivalent to 0.8 knots swimming speed. This level of trapeze work is estimated to require a $\dot{V}_{O_2}$ of 1.3 L/min¹⁹, and this value will be used for both types of work. For intermittent work (Equation 3) the $\dot{V}_{O_2}$ is 1 L/min. The work type was assigned as mixed. The work code 1|0|1|0 (1 L/min $\dot{V}_{O_2}$ |mixed|immersed|mixed) was assigned to the time at bottom.

According to NEDU TR 4-70, the water temperatures ranged from 68 °F to 90 °F with an average of 80 °F. Review of the diving logs indicate that, although temperatures did range, were occasionally not reported, and at least once was reported as “cold as hell”,

temperature was typically close to 80 °F. Diving dress is not given in NEDU TR 4-70, so wet suit was assumed. Divers were initially compressed to approximately 105 fsw in the dry breathing chamber air, at which point they went on breathing apparatus and entered the wet pot. Divers exited the wet pot at the end of bottom time and decompressed in the dry. Inaccuracy in temperature coding should have negligible impact because of the relatively short period of immersion. The temperature code assigned was 1|2|80||P (Fahrenheit|wetsuit|80°F||persist).

EDUHe70 profiles 1–133 represent dives that are described in NEDU TR 4-70 and no others. Profiles 134–148 represent dives that are not described in NEDU TR 4-70 and differ in several respects. The format of profiles 134–148 differs from the preceding profiles and suggests they were coded separately and appended to EDUHe70.dat. These later profiles also describe somewhat different dives, and no corresponding dives were found during review of the NEDU logs. These profiles were not assigned work or temperature codes. Several other dive profiles, clearly part of the series conducted to validate the ADS IV decompression schedules, were found in NEDU diving logs 70, 72 and 76. These dives were added to EDUHe70ET.dat as profiles 157–162. The following table indicates modifications and additions that resulted in EDUHe70ET.dat.

EDUHe70ET profile #	Action	Reason
63	Truncated	DCS at 20 fsw stop, recompressed ¹
74,75	Modified; Truncated	Unscheduled switch to air; DCS at depth, recompressed ²
90	Truncated	DCS at 50 fsw stop, recompressed ³
91	New profile	Unaffected diver from 350/15-MOD A-18 ⁴
92	Truncated	DCS at 50 fsw stop, recompressed ³
93	New profile	Unaffected diver from 350/15-MOD A-19 ⁴
96	Truncated	DCS at 40 fsw stop, recompressed ³
97	New profile	Unaffected diver from 350/30-INIT-3 ⁴
101	Truncated	DCS at 40 fsw stop, recompressed ³
102	Truncated	Unaffected diver recompressed ⁵
105	Truncated	DCS at 40 fsw stop, recompressed ³
106	New profile	Unaffected diver from 350/30-MOD B-10 ⁴
114	Truncated	DCS at 15 fsw stop, recompressed ³
115	Truncated	Unaffected diver recompressed ⁵
119	Truncated	DCS at 90 fsw stop, recompressed from 80 ³
120	Truncated	Unaffected diver recompressed ⁵
126	Modified, Truncated	Modified T2 time, DCS at depth, recompressed ⁶
127	New profile	Unaffected diver from 350/60-INIT-4 ⁴
130	Truncated	DCS at 18 fsw stop, recompressed ³
131	New profile	Unaffected diver from 400/30-INIT-1 ⁷
133	Truncated	DCS at 94 fsw stop, recompressed from 92 ³
134	New profile	Unaffected diver from 300/30-INIT-3 ⁴
135	Truncated	DCS at 14 fsw stop, recompressed ³

136	New profile	Unaffected diver from 300/30-INIT-4 ⁴
157	New Profile	NEDU log 70, not in TR 4-70 ⁸
158	New Profile	NEDU log 76, not in TR 4-70 ⁹
159, 160	New Profiles	NEDU log 72, 350/90, not in TR 4-70 ¹⁰
161, 162	New Profile	NEDU log 69, 400/60, not in TR 4-70 ¹¹

1. Ended profile at time of recompression with 9999 code. Time of recompression confirmed in NEDU logs. Unaffected diver continued decompression (profile 64)
2. These profiles describe the same dive, resulting in DCS in both divers. NEDU diving log 72, 2 Nov 1967, indicates at 40 fsw and 86 minutes into dive, divers made an unscheduled switch to breathing chamber air because oxygen “smelled like paint fumes”. This gas switch was added to the profiles. Prior to this, both divers had reported symptoms of DCS and 91.33 minutes into the dive, the chamber was recompressed from 40 fsw to 60 fsw to begin treatment. Ended profile at time of recompression with 9999 code.
3. Ended profile at time of recompression with 9999 code. Time of recompression confirmed in NEDU logs. Unaffected diver also recompressed, see note 4 and 5.
4. Several EDUHe70 profiles represent a diver with DCS onset at depth and recompressed from the onset depth. In most of these dives, the other, unaffected diver was recompressed along with the stricken diver, but the unaffected diver was not represented in the EDUHe70. In these cases, a new profile was added, with the next consecutive profile number, to represent the unaffected diver, with the profile ending with a 9999 code at the time of recompression. Omission of these divers artificially inflates the observed incidence of DCS (at T2) on these profiles.
5. EDUHe70 profile incorrectly shows this unaffected diver, who was recompressed along with a DCS-stricken diver, as continuing decompression to surface. Ended profile at time of recompression with 9999 code.
6. NEDU log 72, 20 Dec 1967 indicates diver “tired from waist down” at time of leaving 160 fsw stop (83.83 minutes), T2 time adjusted to this value (was 98.83 minutes). Medical note at end of log indicates symptoms may have onset even earlier at “about 190 fsw”. Twenty-one minutes after reaching the 150 fsw stop (105 minutes), both divers are placed on 85/15 He/O₂ treatment gas, this gas switch is added to the profile. One minute later (106 minutes), both divers are recompressed, profile ended with 9999 code.
7. Unaffected diver recompressed along with diver with DCS. Unaffected diver had reported back pain on the bottom, which may have been the reason for aborting what had been planned as a 60-minute bottom time. Pain persisted until reaching 165 fsw.
8. NEDU log 70, 25 May 1967 shows a 300 fsw / 15-minute BT dive, with header indicating ADS IV table. This dive is similar to the initial 300 fsw / 15-minute BT time schedules in NEDU TR 4-70 (and which includes dive 5 conducted on the same day, and also in NEDU diving log 70) except that it was conducted with air decompression from 150 fsw to the surface and with additional time spent at a 10 fsw stop.
9. NEDU log 76, 23 Oct 1967. Initiated as a 300 fsw / 60-minute BT ADS IV dive, aborted at 11 minutes bottom time (regulator malfunction), decompression on 300 fsw / 15-minute MOD A schedule. Interestingly, conducted before reported MOD A testing.
10. NEDU log 72, 19 Mar 1968. 350 fsw / 90-minute BT ADS IV dive. Does not appear in NEDU TR 4-70, nor are there any other dives of depth / BT combination. After heliox stops from 230–160 fsw then air stops from 150 fsw, one diver has onset of vertigo and nausea (inner ear DCS?) at 120 fsw (profiles 159. Recompression to 210 fsw in several steps over 75 minutes. One hundred and eighty six minute hold at 210 fsw. Entry at 180 fsw of “left to right (direction)” suggests nystagmus, but at 200 fsw entry of “no nystagmus”. Also “tightness” in left (or maybe both) thighs. Strength OK, but “feels weak”. Unaffected diver coded in profile 160.
11. NEDU log 69, 14 Feb 1968. 400 fsw / 60-minute BT open circuit dive. Appears to be an ADS IV dive, but does not appear in NEDU TR 4-70, nor are there any other dives of depth / BT combination. 90/10 He/O₂ bottom gas with switch to 80/20 He/O₂ for decompression. One diver has onset of wrist and knees pain at 46 fsw, recompressed from 40 fsw. Unaffected diver coded in profile 162.

NMR86H6

Work and temperature coding of this data file were based on the descriptions given in NMRC Report 99-05.²⁰ Divers sat with legs extended and inserted into toe clips of a cycle ergometer (120-130 degree hip flexion). Divers performed intermittent (10 minutes work / 5 minutes rest) work at 60 rpm and a 50 W ergometer setting. The 50 W setting was estimated to produce a $\dot{V}_{O_2}$ of 1.5 L/min. This $\dot{V}_{O_2}$ estimate was used in favor of the 2.1 L/min estimate based on Equation 1. $\dot{V}_{O_2}$ for the intermittent work was 1.2 L/min. The work code 1.2|1|1|1 (1.2 L/min $\dot{V}_{O_2}$ |cycle ergometer|immersed|upright) was assigned to the time at bottom.

Divers wore 1/4-inch full wet suit and were immersed in 17 °C water except for the first and second wet pot presses (two divers each for total of four man-dives) which were at 21 °C and 19 °C respectively. Temperature code codes assigned were 2|2|17||P (Celsius|wetsuit|17 °C||persist) for all but the first four man-dives, which were coded for 21 °C and 19 °C.

NMR9404

Work and temperature coding of this data file was based on the descriptions given in NMRC Report 98-09.²¹ Divers wearing 1/4-inch full wet suit performed intermittent work (5 minutes work / 5 minutes rest) on a submerged, upright cycle ergometer while on the bottom. The ergometer setting was given as 50 W or 75 W and a cycling cadence of 60 rpm, and it was stated that dry tests of these ergometer setting resulted in $\dot{V}_{O_2}$ from 1.5 to 3 L/min. Estimates from Equation 1 for submerged $\dot{V}_{O_2}$ are 2.1 to 2.5 L/min for the work period and, using Equation 3, 1.3 and 1.5 L/min for the intermittent work. There was no indication of which settings were used for which dives, so a value of 1.4 L/min was used for all profiles. The work code 1.4|1|1|1 (1.4 L/min $\dot{V}_{O_2}$ |cycle ergometer|immersed|upright) was assigned to the time at bottom.

Water temperature was stated to be based on the duration of the dive, ranging from 45 °F to 67 °F, and Appendix 2 of NMRC Report 98-09 gives the water temperature of each dive. Although the algorithm for water temperature assignment was not given, it appears to be the same as described for other experimental dives conducted at NMRC in the same era.²² This pattern was used to automatically assign temperatures of 45, 50, 55, 60, or 65 °F based on dive duration, and departures from this pattern identified from Appendix 2 of NMRC Report 98-09 were altered manually. The temperature codes assigned were 1|2|xx||P (Fahrenheit|wetsuit|xx°F||persist), with xx taking the appropriate temperature.

NSMTMX

No work or temperature codes were added to the dive profiles in NSMTMX.dat. These N₂-O₂ saturation dives are described in NSMRL Report 1196.²³ Subjects were held at 111 fsw for 60 hours in a 0.4 atm PO₂-in-nitrogen atmosphere, then at 132 fsw for 12 hours in air prior to a switch to trimix for decompression. The exposures were dry and the report does not indicate any work performed.

REFERENCES

1. T. M. Johnson, W. A. Gerth, and D. G. Southerland, *1.3 ATA PO₂ N₂-O₂ Decompression Table Validation*, Technical Report NEDU TR 9-00, Navy Experimental Diving Unit, Sep 2000.
2. D. J. Doolette, W. A. Gerth, and K. A. Gault, *Addition of Work Rate and Temperature Information to the Augmented NMRI Standard (ANS) Data Files in the "NMRI98" Subset of the USN N₂-O₂ Primary Data Set*, Technical Report NEDU TR 11-02, Navy Experimental Diving Unit, Jan 2011.
3. P. K. Weathersby, S. S. Survanshi, R. Y. Nishi, and E. D. Thalmann, *Statistically Based Decompression Tables - VII: Selection and Treatment of Primary Air and N₂O₂ Data*, Joint Technical Report NSMRL 1182 and NMRI 92-85, Naval Submarine Medical Research Laboratory and Naval Medical Research Institute, Sep 1992.
4. W. A. Gerth, "Probabilistic Models of DCS During Flying After Diving: Motivation for Mechanism," *Survival Analysis and Maximum Likelihood Techniques As Applied to Physiological Modeling, Proceedings of the Proceedings of the 51st Undersea and Hyperbaric Medical Society Workshop*, P. K. Weathersby and W. A. Gerth, eds., 1998 May 19, Seattle (WA), (Undersea and Hyperbaric Medical Society, Kensington (MD), 2002), pp. 118-136.
5. B. E. Shykoff, *Underwater Cycle Ergometry: Power Requirements With and Without Diver Thermal Dress*, Technical Report NEDU TR 09-01, Navy Experimental Diving Unit, Jan 2009.
6. P.O. Astrand, K. Rodahl, H. A. Dahl, and S. B. Strømme, *Textbook of Work Physiology*, 4 ed. (Human kinetics, Champaign (IL, USA), 2003)
7. M. Almeling, L. Schega, F. Witten, P. Lirk, and K. Wulf, "Validity of Cycle Test in Air Compared to Underwater Cycling," *Undersea and Hyperbaric Medicine*, Vol. 33, No. 1 (2006), pp. 45-53.
8. B. E. Shykoff, *Oxygen Consumption As a Function of Ergometer Setting in Different Diver's Dress: Regression Equations*, Technical Memorandum NEDU TM 09-06, Navy Experimental Diving Unit, Aug 2009.
9. C. G. Gray and E. D. Thalmann, *Manned Evaluation of the Pre-Production MK 16 Underwater Breathing Apparatus*, Technical Report NEDU Report 13-80, Navy Experimental Diving Unit, Aug 1980.
10. R. Y. Nishi, P. D. Morson, and K. N. Ackles, *Summary of He-O₂ Series 9 Data - Exceptional Exposures*, Technical Memorandum BIO-88-06, Defence and Civil Institute of Medicine, Jun 1988.

11. R. Y. Nishi, P. D. Morson, and K. N. Ackles, *Summary of He-O₂ Series 9a Data - Exceptional Exposures*, Technical Memorandum BIO-88-07, Defence and Civil Institute of Medicine, Jun 1988.
12. R. Y. Nishi, P. D. Morson, and K. N. Ackles, *Summary of He-O₂ Series 12 Data - Short and Moderate Exposure Limits*, Technical Memorandum BIO-89-05, Defence and Civil Institute of Medicine, Mar 1989.
13. R. Y. Nishi, K. E. Kisman, I. P. Buckingham, B. C. Eatock, and G. Masurel, *XDC Digital Decompression Computer: Assessment of Decompression Profiles by Ultrasonic Monitoring, Phase I: 36 - 54 Msw*, Report 80-R-32, Defence and Civil Institute of Environmental Medicine, 1980.
14. R. Y. Nishi, B. C. Eatock, I. P. Buckingham, and G. Masurel, *XDC Digital Decompression Computer: Assessment of Decompression Profiles by Ultrasonic Monitoring, Phase II: 30 - 75 Msw*, Report 81-R-02, Defence and Civil Institute of Environmental Medicine, 1981.
15. T. G. Shields, *Re-Trial at Sea of 70 and 80 Metre 15 Minute Trimix Decompression Schedules*, Report AMTE(E) R82-409, Admiralty Marine Technology Establishment Physiological Laboratory, 1982.
16. E. D. Thalmann, *Development of a Decompression Algorithm for Constant 0.7 ATA Oxygen Partial Pressure in Helium Diving*, Technical Report NEDU Report 1-85, Navy Experimental Diving Unit, 1985.
17. C. A. Piantadosi, R. L. Clinton, and E. D. Thalmann, "Prolonged Oxygen Exposure in Immersed Exercising Divers at 25 Fsw (1.76 ATA)," *Undersea Biomedical Research*, Vol. 6, No. 4 (1979), pp. 347-356.
18. J. K. Summitt and M. N. Kahn, *Report of Experimental Dives for ADS-IV Decompression Schedules*, Research Report Research Report 4-70, Navy Experimental Diving Unit, Aug 1970.
19. E. H. Lanphier, J. V. Dwyer, and A. J. Walkowski, *A Trapeze Swim-Ergometer*, 1-55, Navy Experimental Diving Unit, Mar 1955.
20. D. J. Smith and E. T. Flynn, *Six-Hour No-Decompression Diving With 40% Oxygen / 60% Helium*, Technical Report 99-05, Naval Medical Research Center, Jun 1999.
21. S. S. Survanshi, E. C. Parker, D. D. Gumin, E. T. Flynn, C. B. Toner, D. J. Temple, R. Ball, and L. D. Homer, *Human Decompression Trial With 1.3 ATA Oxygen in Helium*, Technical Report 98-09, Naval Medical Research Institute, Jun 1998.
22. E. D. Thalmann, P. C. Kelleher, S. S. Survanshi, E. C. Parker, and P. K. Weathersby, *Statistically Based Decompression Tables XI: Manned Validation of the LE Probabilistic Decompression Model for Air and Nitrogen-Oxygen Diving*, Joint

Technical Report NEDU 1-99 and NMRC 99-01, Navy Experimental Diving Unit and Naval Medical Research Center, Feb 1999.

23. C. L. Shake, P. K. Weathersby, B. G. Caras, and J. W. Parker, *He-N₂-O₂: Isobaric Shift and Saturation Decompression*, NSMRL Report 1196, Naval Submarine Medical Research Laboratory, 1995.

APPENDIX A DATA FILE SUMMARIES

HELIUM-BASED DIVES

DC8416W

A-1

Prof. ID	Max Depth	BT	Asc. Time	Num. Dvrs	DCS	T1	T2	VO2	Work Type	Wet	Post.	temp	F/C	Dress	Data set notations
1	147.64	33	50.6	1	0	NA	NA	1.6	1	1	1	10	2	8	DR0470W
2	147.64	33	42.5	2	0	NA	NA	1.6	1	1	1	10	2	8	DR0472W
3	160.76	10.8	10.5	2	0	NA	NA	1.6	1	1	1	10	2	8	DR0473W
4	177.17	13	18.9	2	0	NA	NA	1.6	1	1	1	10	2	8	DR0474W
5	208.33	13	27.1	2	0	NA	NA	1.6	1	1	1	10	2	8	DR0475W
6	206.69	13	26.3	1	0	NA	NA	1.6	1	1	1	10	2	8	DR0476W
7	147.64	33	51.6	2	0	NA	NA	1.6	1	1	1	10	2	8	DR0477W
8	226.38	13	31.2	2	0	NA	NA	1.6	1	1	1	10	2	8	DR0478W
9	226.38	13	30.8	2	0	NA	NA	1.6	1	1	1	10	2	8	DR0479W
10	177.17	13	18.6	2	0	NA	NA	1.6	1	1	1	10	2	8	DR0480W
11	147.64	33	40.1	2	0	NA	NA	1.6	1	1	1	10	2	8	DR0488W
12	147.64	33	42.8	2	0	NA	NA	1.6	1	1	1	10	2	8	DR0489W
13	206.69	33	71.5	2	0	NA	NA	1.6	1	1	1	10	2	8	DR0490W
14	206.69	33	68.5	2	0	NA	NA	1.6	1	1	1	10	2	8	DR0491W
15	177.17	33	52.5	2	0	NA	NA	1.6	1	1	1	10	2	8	DR0492W
16	177.17	33	50.5	2	0	NA	NA	1.6	1	1	1	10	2	8	DR0493W
17	226.38	23	44.7	2	0	NA	NA	1.6	1	1	1	10	2	8	DR0494W
18	226.38	23	55.9	2	0	NA	NA	1.6	1	1	1	10	2	8	DR0495W
19	118.11	63	73.8	2	0	NA	NA	1.6	1	1	1	10	2	8	DR0561W
20	147.64	48	79.3	2	0	NA	NA	1.6	1	1	1	10	2	8	DR0562W
21	206.69	33	80.2	2	0	NA	NA	1.6	1	1	1	10	2	8	DR0563W
22	265.75	23	79.9	2	0	NA	NA	1.6	1	1	1	10	2	8	DR0564W
23	118.11	63	73.6	2	0	NA	NA	1.6	1	1	1	10	2	8	DR0565W
24	177.17	38	74.1	2	0	NA	NA	1.6	1	1	1	10	2	8	DR0566W
25	236.22	28	88	2	0	NA	NA	1.6	1	1	1	10	2	8	DR0567W
26	295.28	18	63	2	0	NA	NA	1.6	1	1	1	10	2	8	DR0568W
27	118.11	63	126.5	2	0	NA	NA	1.6	1	1	1	10	2	8	DR0629W
28	177.17	38	125.2	2	0	NA	NA	1.6	1	1	1	10	2	8	DR0630W
29	236.22	28	143.9	2	0	NA	NA	1.6	1	1	1	10	2	8	DR0631W
30	265.75	23	96.3	2	0	NA	NA	1.6	1	1	1	10	2	8	DR0632W

Prof. ID	Max Depth	BT	Asc. Time	Num. Dvrs	DCS	T1	T2	VO2	Work Type	Wet	Post.	temp	F/C	Dress	Data set notations
31	265.75	23	126.8	2	0	NA	NA	1.6	1	1	1	10	2	8	DR0633W
32	147.64	48	131.1	2	0	NA	NA	1.6	1	1	1	10	2	8	DR0635W
33	295.28	18	91.7	2	0	NA	NA	1.6	1	1	1	10	2	8	DR0637W
34	295.28	18	85.8	1	0	NA	NA	1.6	1	1	1	10	2	8	DR0638W
35	295.28	18	159.8	2	0	NA	NA	1.6	1	1	1	10	2	8	DR0639W
36	265.75	23	171.9	2	0	NA	NA	1.6	1	1	1	10	2	8	DR0640W
37	118.11	83	101.2	2	0	NA	NA	1.6	1	1	1	10	2	8	DR0650W
38	118.11	83	98.4	2	0	NA	NA	1.6	1	1	1	10	2	8	DR0651W
39	177.17	63.8	128.2	2	0	NA	NA	1.6	1	1	1	10	2	8	DR0652W
40	177.17	58	129	2	0	NA	NA	1.6	1	1	1	10	2	8	DR0653W
41	236.22	42.1	141.6	2	0	NA	NA	1.6	1	1	1	10	2	8	DR0654W
42	236.22	48.4	143.7	2	0	NA	NA	1.6	1	1	1	10	2	8	DR0655W
43	295.28	32.8	145.5	2	0	NA	NA	1.6	1	1	1	10	2	8	DR0656W
44	295.28	33	149.4	2	0	NA	NA	1.6	1	1	1	10	2	8	DR0658W
45	236.22	46.3	156.6	2	0	NA	NA	1.6	1	1	1	10	2	8	DR0684W
46	265.75	38	175	1	0	NA	NA	1.6	1	1	1	10	2	8	DR0686W
47	206.69	58	180.5	2	0	NA	NA	1.6	1	1	1	10	2	8	DR0720W
48	206.69	58	179.4	2	0	NA	NA	1.6	1	1	1	10	2	8	DR0721W
49	265.75	43	203	2	0	NA	NA	1.6	1	1	1	10	2	8	DR0722W
50	265.75	46	204.1	2	0	NA	NA	1.6	1	1	1	10	2	8	DR0724W
51	328.08	19	98.6	2	0	NA	NA	1.6	1	1	1	10	2	8	DR0725W
52	328.08	19	97.1	2	0	NA	NA	1.6	1	1	1	10	2	8	DR0726W
53	328.08	33	214	1	0	NA	NA	1.6	1	1	1	10	2	8	DR0727W
54	119.09	103	149	2	0	NA	NA	1.6	1	1	1	10	2	8	DR0765W
55	177.17	73	194	2	0	NA	NA	1.6	1	1	1	10	2	8	DR0766W
56	177.17	79.6	192	2	0	NA	NA	1.6	1	1	1	10	2	8	DR0767W
57	206.69	58	193.8	2	0	NA	NA	1.6	1	1	1	10	2	8	DR0769W
58	236.22	55.7	206.1	2	0	NA	NA	1.6	1	1	1	10	2	8	DR0772W
59	236.22	49.4	197.1	1	0	NA	NA	1.6	1	1	1	10	2	8	DR0774W
60	265.75	44.6	210.9	2	0	NA	NA	1.6	1	1	1	10	2	8	DR0776W
61	295.28	38	212.7	2	0	NA	NA	1.6	1	1	1	10	2	8	DR0777W
62	295.28	38.2	214.5	2	0	NA	NA	1.6	1	1	1	10	2	8	DR0778W
63	328.08	33	217.5	1	0	NA	NA	1.6	1	1	1	10	2	8	DR0779W
64	328.08	33.5	216.6	2	0	NA	NA	1.6	1	1	1	10	2	8	DR0781W
65	118.11	78	120.5	2	0	NA	NA	1.6	1	1	1	10	2	8	DR0788W
66	177.17	53	144	2	0	NA	NA	1.6	1	1	1	10	2	8	DR0789W
67	236.22	39.8	154.7	2	0	NA	NA	1.6	1	1	1	10	2	8	DR0791W
68	295.28	28	155	2	0	NA	NA	1.6	1	1	1	10	2	8	DR0792W

Prof. ID	Max Depth	BT	Asc. Time	Num. Dvrs	DCS	T1	T2	VO2	Work Type	Wet	Post.	temp	F/C	Dress	Data set notations
69	295.28	29.1	154.8	2	0	NA	NA	1.6	1	1	1	10	2	8	DR0795W
70	118.11	15.7	8.7	2	0	NA	NA	1.6	1	1	1	10	2	8	DR0807W
71	118.11	13.2	8.6	2	0	NA	NA	1.6	1	1	1	10	2	8	DR0808W
72	177.17	16.8	25.5	2	0	NA	NA	1.6	1	1	1	10	2	8	DR0809W
73	177.17	14.4	23.7	2	0	NA	NA	1.6	1	1	1	10	2	8	DR0810W
74	236.22	13.5	37.3	2	0	NA	NA	1.6	1	1	1	10	2	8	DR0811W
75	236.22	13	37.1	2	0	NA	NA	1.6	1	1	1	10	2	8	DR0812W
76	223.1	12	27.4	2	0	NA	NA	1.6	1	1	1	10	2	8	DR0813W
77	295.28	13.2	51.9	2	0	NA	NA	1.6	1	1	1	10	2	8	DR0814W
78	118.11	33	38.3	2	0	NA	NA	1.6	1	1	1	10	2	8	DR0815W
79	118.11	33	38.5	2	0	NA	NA	1.6	1	1	1	10	2	8	DR0816W
80	177.17	23	48.7	2	0	NA	NA	1.6	1	1	1	10	2	8	DR0817W
81	177.17	23	48.3	2	0	NA	NA	1.6	1	1	1	10	2	8	DR0818W
82	236.22	18	56.2	2	0	NA	NA	1.6	1	1	1	10	2	8	DR0820W
83	295.28	14.7	50.5	2	0	NA	NA	1.6	1	1	1	10	2	8	DR0831W
84	236.22	18.1	56.5	2	0	NA	NA	1.6	1	1	1	10	2	8	DR0832W
85	147.64	32.5	60	2	0	NA	NA	1.6	1	1	1	10	2	8	DR0833W
86	206.69	41.5	147.1	1	0	NA	NA	1.6	1	1	1	10	2	8	DR0834W
87	206.69	45.6	144.4	2	0	NA	NA	1.6	1	1	1	10	2	8	DR0835W
88	265.75	37.4	158.5	2	0	NA	NA	1.6	1	1	1	10	2	8	DR0836W
89	265.75	38.5	158.8	2	0	NA	NA	1.6	1	1	1	10	2	8	DR0837W
90	147.64	61.5	129.8	2	0	NA	NA	1.6	1	1	1	10	2	8	DR0838W
91	147.64	88	173.6	2	0	NA	NA	1.6	1	1	1	10	2	8	DR0841W
92	147.64	84.6	179.7	2	0	NA	NA	1.6	1	1	1	10	2	8	DR0842W
93	328.08	33	214.1	2	0	NA	NA	1.6	1	1	1	10	2	8	DR0844W
94	206.69	13	26.3	1	1	166	249	1.6	1	1	1	10	2	8	DR0476W
95	265.75	38	175	1	1	NA	NA	1.6	1	1	1	10	2	8	DR0686W
96	328.08	33	214	1	1	3	260	1.6	1	1	1	10	2	8	DR0727W
97	236.22	49.4	197.1	1	1	246.5	330	1.6	1	1	1	10	2	8	DR0774W

DRATMXW

Prof. ID	Max Depth	BT	Asc. Time	Num. Dvrs	DCS	T1	T2	VO2	Work Type	Wet	Post.	temp	F/C	Dress	Data set notations
1	246.06	29	2162	2	0	NA	NA	1	3	1	2	NA	NA	NA	153021
2	246.06	27	2042	2	0	NA	NA	1	3	1	2	NA	NA	NA	153122
3	246.06	28	1923	2	0	NA	NA	1	3	1	2	NA	NA	NA	153223
4	246.06	28	1802	2	0	NA	NA	1	3	1	2	NA	NA	NA	153324
5	246.06	27	1683	2	0	NA	NA	1	3	1	2	NA	NA	NA	153425
6	246.06	15	1632	2	0	NA	NA	1	3	1	2	NA	NA	NA	153526
7	246.06	26	1564	1	0.5	27	40	1	3	1	2	NA	NA	NA	153627a
8	246.06	26	1564	1	0.5	27	43	1	3	1	2	NA	NA	NA	153627b
9	246.06	30	14	2	1	31	44	1	3	1	2	NA	NA	NA	153728ab
11	246.06	28	457	2	0	NA	NA	1	3	1	2	NA	NA	NA	153829
12a	246.06	26	417	2	0	NA	NA	1	3	1	2	NA	NA	NA	1539210
12b	246.06	26	417	2	0	NA	NA	1	3	1	2	NA	NA	NA	1539210
13	246.06	28	423	1	0.5	29	50	1	3	1	2	NA	NA	NA	1540211a
14	246.06	28	423	1	0.5	29	56	1	3	1	2	NA	NA	NA	1540211b
15	246.06	26	423	1	0.5	27	62	1	3	1	2	NA	NA	NA	1541212a
16	246.06	26	423	1	0.5	27	46	1	3	1	2	NA	NA	NA	1541212b
17	246.06	30	423	1	0.5	31	61	1	3	1	2	NA	NA	NA	1542213a
18	246.06	30	423	1	0	NA	NA	1	3	1	2	NA	NA	NA	1542213b
19	246.06	26	141	2	0	NA	NA	1	3	1	2	NA	NA	NA	1544214
20	246.06	28	142	1	0	NA	NA	1	3	1	2	NA	NA	NA	1545215b
21	246.06	28	142	1	1	290	881	1	3	1	2	NA	NA	NA	1545215a
22	246.06	29	142	1	0	NA	NA	1	3	1	2	NA	NA	NA	1546216a
23	246.06	29	142	1	1	291	1335	1	3	1	2	NA	NA	NA	1546216b
24	246.06	28	142	2	0	NA	NA	1	3	1	2	NA	NA	NA	1547217
25	246.06	26	142	2	0	NA	NA	1	3	1	2	NA	NA	NA	1549219
26	246.06	29	35	1	1	51	64	1	3	1	2	NA	NA	NA	15502320a
27	246.06	29	331	1	0	NA	NA	1	3	1	2	NA	NA	NA	15502320b
28	246.06	27	60	1	0	NA	NA	1	3	1	2	NA	NA	NA	15512321a
30	246.06	27	60	2	0	NA	NA	1	3	1	2	NA	NA	NA	15522322
31	246.06	25	61	1	1	76	102	1	3	1	2	NA	NA	NA	1553323a
32	246.06	25	61	1	0	NA	NA	1	3	1	2	NA	NA	NA	1553323b
33	246.06	26	61	2	0	NA	NA	1	3	1	2	NA	NA	NA	15542324
34	246.06	26	60	2	0	NA	NA	1	3	1	2	NA	NA	NA	15552325
35	246.06	26	61	2	1	97	109	1	3	1	2	NA	NA	NA	15562326
36	246.06	26	68	2	0	NA	NA	1	3	1	2	NA	NA	NA	15572327

Prof. ID	Max Depth	BT	Asc. Time	Num. Dvrs	DCS	T1	T2	VO2	Work Type	Wet	Post.	temp	F/C	Dress	Data set notations
37	246.06	25	69	2	0	NA	NA	1	3	1	2	NA	NA	NA	15582328
38	246.06	26	68	2	0	NA	NA	1	3	1	2	NA	NA	NA	15592329
39	246.06	25	69	2	0	NA	NA	1	3	1	2	NA	NA	NA	15602330
40	246.06	26	69	2	0	NA	NA	1	3	1	2	NA	NA	NA	15612331
41	246.06	26	68	2	0	NA	NA	1	3	1	2	NA	NA	NA	15622332
42	246.06	28	68	2	0	NA	NA	1	3	1	2	NA	NA	NA	15642333
43	246.06	27	68	2	0	NA	NA	1	3	1	2	NA	NA	NA	15652334
44	246.06	26	68	2	0	NA	NA	1	3	1	2	NA	NA	NA	15662335
45	246.06	18	143	2	0	NA	NA	1	3	1	2	NA	NA	NA	15673336
47	246.06	27	68	2	0	NA	NA	1	3	1	2	NA	NA	NA	15692338
48	246.06	28	68	2	0	NA	NA	1	3	1	2	NA	NA	NA	15702339
49	246.06	26	68	2	0	NA	NA	1	3	1	2	NA	NA	NA	15712340
50	262.47	27	411	2	0	NA	NA	1	3	1	2	NA	NA	NA	15722441
51	262.47	25	412	1	0	NA	NA	1	2	1	2	NA	NA	NA	1579442a
52	262.47	25	412	1	0	NA	NA	1	2	1	2	NA	NA	NA	1579442b
53	262.47	26	412	2	0	NA	NA	1	3	1	2	NA	NA	NA	15802443
54	262.47	25	411	2	0	NA	NA	1	3	1	2	NA	NA	NA	15822445
55	262.47	25	412	2	0	NA	NA	1	3	1	2	NA	NA	NA	15832446
56	262.47	25	411	2	0	NA	NA	1	3	1	2	NA	NA	NA	15842448
57	262.47	24	412	1	0.5	25	63	1	3	1	2	NA	NA	NA	1585449a
58	262.47	24	412	1	0.5	25	44	1	3	1	2	NA	NA	NA	1585449b
59	262.47	27	411	2	0	NA	NA	1	3	1	2	NA	NA	NA	15862450
60	262.47	24	411	1	0	NA	NA	1	3	1	2	NA	NA	NA	1587451a
61	262.47	24	411	1	0.5	25	53	1	3	1	2	NA	NA	NA	1587451b
62	262.47	27	411	2	0	NA	NA	1	3	1	2	NA	NA	NA	15892552
63	262.47	25	411	2	0	NA	NA	1	3	1	2	NA	NA	NA	15902553
64	262.47	25	411	2	0	NA	NA	1	3	1	2	NA	NA	NA	15912554
65	262.47	27	411	2	0	NA	NA	1	3	1	2	NA	NA	NA	15922555
66	262.47	25	409	2	0	NA	NA	1	3	1	2	NA	NA	NA	15932556
67	262.47	26	426	2	0	NA	NA	1	3	1	2	NA	NA	NA	15942557
68	229.66	32	68	2	0	NA	NA	1	3	1	2	NA	NA	NA	16043158
69	229.66	25	68	2	0	NA	NA	1	3	1	2	NA	NA	NA	16053159
70	229.66	25	69	1	1	93	110	1	3	1	2	NA	NA	NA	1606160a
71	229.66	25	69	1	0	NA	NA	1	3	1	2	NA	NA	NA	1606160b
72	229.66	26	68	2	0	NA	NA	1	3	1	2	NA	NA	NA	16073161
73	229.66	25	197	1	0	NA	NA	1	3	1	2	NA	NA	NA	1608362a
74	229.66	25	197	1	0	NA	NA	1	3	1	2	NA	NA	NA	1608362b
75	262.47	16	289	2	0	NA	NA	1	3	1	2	NA	NA	NA	16104163

Prof. ID	Max Depth	BT	Asc. Time	Num. Dvrs	DCS	T1	T2	VO2	Work Type	Wet	Post.	temp	F/C	Dress	Data set notations
76	262.47	14	327	2	0	NA	NA	1	3	1	2	NA	NA	NA	16114164
77	262.47	21	52	2	0	NA	NA	1	3	1	2	NA	NA	NA	16124265
78	262.47	18	54	2	0	NA	NA	1	3	1	2	NA	NA	NA	16134266
79	262.47	18	52	2	0	NA	NA	1	3	1	2	NA	NA	NA	16154267
80	262.47	16	52	2	0	NA	NA	1	3	1	2	NA	NA	NA	16164268
81	262.47	17	54	2	0	NA	NA	1	3	1	2	NA	NA	NA	16174269
82	262.47	19	51	2	0	NA	NA	1	3	1	2	NA	NA	NA	16194370
83	262.47	17	51	2	0	NA	NA	1	3	1	2	NA	NA	NA	16204371
84	262.47	14	56	2	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	16214372
85	262.47	15	51	2	0	NA	NA	1	3	1	2	NA	NA	NA	16224373
86	262.47	15	51	2	0	NA	NA	1	3	1	2	NA	NA	NA	16264374
87	262.47	20	51	2	0	NA	NA	1	3	1	2	NA	NA	NA	16274375
88	229.66	15	46	2	0	NA	NA	1	3	1	2	NA	NA	NA	16315176
89	229.66	16	46	2	0	NA	NA	1	3	1	2	NA	NA	NA	16325177
90	229.66	15	46	2	0	NA	NA	1	3	1	2	NA	NA	NA	16335178
91	229.66	16	46	2	0	NA	NA	1	3	1	2	NA	NA	NA	16345179
92	229.66	18	46	2	0	NA	NA	1	3	1	2	NA	NA	NA	16365180
93	229.66	15	42	2	0	NA	NA	1	3	1	2	NA	NA	NA	16395281
94	229.66	15	40	2	0	NA	NA	1	3	1	2	NA	NA	NA	16415282
95	229.66	15	38	2	0	NA	NA	1	3	1	2	NA	NA	NA	16465283
96	229.66	15	38	2	0	NA	NA	1	3	1	2	NA	NA	NA	16485284
97	229.66	19	38	2	0	NA	NA	1	3	1	2	NA	NA	NA	16535285
98	229.66	15	38	2	0	NA	NA	1	3	1	2	NA	NA	NA	16545286
99	229.66	15	39	2	0	NA	NA	1	3	1	2	NA	NA	NA	16555287
100	229.66	15	38	2	0	NA	NA	1	3	1	2	NA	NA	NA	16575288
101	229.66	16	45	2	0	NA	NA	1	3	1	2	NA	NA	NA	16646189
102	229.66	14	46	2	0	NA	NA	1	3	1	2	NA	NA	NA	16656190
103	229.66	14	47	2	0	NA	NA	1	3	1	2	NA	NA	NA	16666191
104	229.66	14	46	2	0	NA	NA	1	3	1	2	NA	NA	NA	16676192
105	229.66	14	151	1	0	NA	NA	1	3	1	2	NA	NA	NA	oxygenconvulsion
106	229.66	14	151	1	0	NA	NA	1	3	1	2	NA	NA	NA	1668693b
107	229.66	15	45	2	0	NA	NA	1	3	1	2	NA	NA	NA	16746194
108	229.66	14	46	2	0	NA	NA	1	3	1	2	NA	NA	NA	16776295
109	229.66	15	46	2	0	NA	NA	1	3	1	2	NA	NA	NA	16816296
110	229.66	17	43	2	0	NA	NA	1	3	1	2	NA	NA	NA	16856297
111	229.66	15	46	2	0	NA	NA	1	3	1	2	NA	NA	NA	16866298
112	229.66	14	46	2	0	NA	NA	1	3	1	2	NA	NA	NA	16876299

EDU185s

A-7

Prof. ID	Max Depth	BT	Asc. Time	Num. Dvrs	DCS	T1	T2	VO2	Work Type	Wet	Post.	temp	F/C	Dress	Data set notations
1	160	12.6	4.5	9	0	NA	NA	1.2	1	1	2	45	1	2	HE1001
2	100	37.4	3.7	9	0	NA	NA	1.2	1	1	2	50	1	2	HE1002
3	60	133.9	3.3	9	0	NA	NA	1.2	1	1	2	55	1	2	HE1003
4	160	12.9	4	8	0	NA	NA	1.2	1	1	2	45	1	2	HE1004
5	100	44.2	3.6	9	0	NA	NA	1.2	1	1	2	50	1	2	HE1005
6	60	154.8	2.4	10	0	NA	NA	1.2	1	1	2	55	1	2	HE1006
7	200	17.2	4.9	9	0	NA	NA	1.2	1	1	2	45	1	2	HE1007
8	100	43.9	3.3	6	0	NA	NA	1.2	1	1	2	50	1	2	HE1008
9	60	160.9	5.8	8	0	NA	NA	1.2	1	1	2	55	1	2	HE1009
10	140	17.5	4	6	0	NA	NA	1.2	1	1	2	45	1	2	HE1010
11	100	45	3.6	7	0	NA	NA	1.2	1	1	2	50	1	2	HE1011
12	60	148.4	3.1	9	0	NA	NA	1.2	1	1	2	55	1	2	HE1012
13	160	12.4	4.5	9	0	NA	NA	1.2	1	1	2	45	1	2	HE1013
14	100	36.7	3.7	8	0	NA	NA	1.2	1	1	2	50	1	2	HE1014
15	100	39.8	3.4	9	0	NA	NA	1.2	1	1	2	50	1	2	HE1015
16	200	28.1	4.8	7	0	NA	NA	1.2	1	1	2	50	1	2	HE1016
17	200	10.1	5	9	0	NA	NA	1.2	1	1	2	45	1	2	HE1017
18	120	28.3	3.9	9	0	NA	NA	1.2	1	1	2	50	1	2	HE1018
19	120	26.4	3.3	8	0	NA	NA	1.2	1	1	2	50	1	2	HE1019
20	120	26	3.6	8	0	NA	NA	1.2	1	1	2	50	1	2	HE1020
21	80	69.7	2.7	9	0	NA	NA	1.2	1	1	2	50	1	2	HE1021
22	120	23.4	3.3	8	0	NA	NA	1.2	1	1	2	45	1	2	HE1022
23	120	24.4	3	8	0	NA	NA	1.2	1	1	2	45	1	2	HE1023
24	80	69.1	2.7	9	0	NA	NA	1.2	1	1	2	50	1	2	HE1024
25	120	23.5	3.4	9	0	NA	NA	1.2	1	1	2	45	1	2	HE1025
26	120	21.9	3	9	0	NA	NA	1.2	1	1	2	45	1	2	HE1026
27	80	68.6	2.8	9	0	NA	NA	1.2	1	1	2	50	1	2	HE1027
28	140	15.2	3.5	9	0	NA	NA	1.2	1	1	2	45	1	2	HE1028
29	140	15.2	3.1	9	0	NA	NA	1.2	1	1	2	45	1	2	HE1029
30	100	37.4	2.9	9	0	NA	NA	1.2	1	1	2	50	1	2	HE1030
31	120	21.8	2.9	9	0	NA	NA	1.2	1	1	2	45	1	2	HE1031
32	100	36.1	2.8	10	0	NA	NA	1.2	1	1	2	50	1	2	HE1032
33	60	149.7	2.1	8	0	NA	NA	1.2	1	1	2	55	1	2	HE1033
34	120	22.3	3	10	0	NA	NA	1.2	1	1	2	71	1	2	HE1034
35	120	22	3.1	10	0	NA	NA	1.2	1	1	2	71	1	2	HE1035
36	60	149	2.1	10	0	NA	NA	1.2	1	1	2	71	1	2	HE1036

Prof. ID	Max Depth	BT	Asc. Time	Num. Dvrs	DCS	T1	T2	VO2	Work Type	Wet	Post.	temp	F/C	Dress	Data set notations
37	100	38.2	3.3	9	0	NA	NA	1.2	1	1	2	71	1	2	HE1037
38	100	46.2	3.3	9	0	NA	NA	1.2	1	1	2	71	1	2	HE1038
39	60	162.9	2.4	8	0	NA	NA	1.2	1	1	2	71	1	2	HE1039
40	120	22	3.2	10	0	NA	NA	1.2	1	1	2	45	1	2	HE2001
41	120	21.2	3.7	10	0	NA	NA	1.2	1	1	2	45	1	2	HE2002
42	120	21.8	3.2	10	0	NA	NA	1.2	1	1	2	45	1	2	HE2003
43	100	34	2.7	10	0	NA	NA	1.2	1	1	2	50	1	2	HE2004
44	100	33.1	2.5	8	0	NA	NA	1.2	1	1	2	50	1	2	HE2005
45	100	36.1	3	10	0	NA	NA	1.2	1	1	2	50	1	2	HE2006
46	200	15.6	5.5	10	0	NA	NA	1.2	1	1	2	45	1	2	HE2007
47	200	11.1	6.8	9	0	NA	NA	1.2	1	1	2	45	1	2	HE2008
48	200	10.2	5.5	10	0	NA	NA	1.2	1	1	2	45	1	2	HE2009
49	200	13.8	14.2	10	0	NA	NA	1.2	1	1	2	45	1	2	HE2010
50	200	12.4	13.6	10	0	NA	NA	1.2	1	1	2	45	1	2	HE2011
51	200	12.5	13.3	10	0	NA	NA	1.2	1	1	2	45	1	2	HE2012
52	200	38.1	120.3	10	0	NA	NA	1.2	1	1	2	55	1	2	HE2013
53	200	37.3	113.1	10	0	NA	NA	1.2	1	1	2	55	1	2	HE2014
54	200	36.3	112.2	9	0	NA	NA	1.2	1	1	2	55	1	2	HE2015
55	150	54.2	99.9	10	0	NA	NA	1.2	1	1	2	55	1	2	HE2016
56	150	64.2	141	10	0	NA	NA	1.2	1	1	2	60	1	2	HE2017
57	150	63.5	142	10	0	NA	NA	1.2	1	1	2	60	1	2	HE2018
58	100	99.1	87.9	10	0	NA	NA	1.2	1	1	2	55	1	2	HE2019
59	100	98.6	87.9	9	0	NA	NA	1.2	1	1	2	55	1	2	HE2020
60	100	102.1	94.7	9	0	NA	NA	1.2	1	1	2	60	1	2	HE2021
61	200	41.4	115.4	9	0	NA	NA	1.2	1	1	2	55	1	2	HE2022
62	200	41.4	115.4	1	0	NA	NA	1.2	1	1	2	55	1	2	HE20221
63	200	46.5	115.3	9	0	NA	NA	1.2	1	1	2	55	1	2	HE2023
64	200	37.2	114.6	9	0	NA	NA	1.2	1	1	2	55	1	2	HE2024
65	120	78.3	103.3	9	0	NA	NA	1.2	1	1	2	55	1	2	HE2025
66	120	83.2	103.5	10	0	NA	NA	1.2	1	1	2	55	1	2	HE2026
67	140	72.7	118.6	10	0	NA	NA	1.2	1	1	2	60	1	2	HE2027
68	140	66.6	119.1	10	0	NA	NA	1.2	1	1	2	55	1	2	HE2028
69	140	65.6	118.5	8	0	NA	NA	1.2	1	1	2	55	1	2	HE2029
70	120	78.7	104.7	10	0	NA	NA	1.2	1	1	2	55	1	2	HE2030
71	180	47.9	147.2	8	0	NA	NA	1.2	1	1	2	60	1	2	HE2031
72	180	46.5	141	7	0	NA	NA	1.2	1	1	2	55	1	2	HE2032
73	100	62.1	30.4	10	0	NA	NA	1.2	1	1	2	55	1	2	HE2033
74	100	62.3	30.5	10	0	NA	NA	1.2	1	1	2	55	1	2	HE2034

Prof. ID	Max Depth	BT	Asc. Time	Num. Dvrs	DCS	T1	T2	VO2	Work Type	Wet	Post.	temp	F/C	Dress	Data set notations
75	180	46	145.9	9	0	NA	NA	1.2	1	1	2	60	1	2	HE2035
76	100	77.6	30.4	10	0	NA	NA	1.2	1	1	2	55	1	2	HE2036
77	200	24.3	51.6	10	0	NA	NA	1.2	1	1	2	50	1	2	HE2037
78	200	23.5	51.6	10	0	NA	NA	1.2	1	1	2	50	1	2	HE2038
79	200	25.8	51.8	10	0	NA	NA	1.2	1	1	2	50	1	2	HE2039
80	150	32.9	43.4	10	0	NA	NA	1.2	1	1	2	50	1	2	HE2040
81	150	31.9	43	10	0	NA	NA	1.2	1	1	2	50	1	2	HE2041
82	150	31.8	43.1	9	0	NA	NA	1.2	1	1	2	50	1	2	HE2042
83	120	41.3	31.1	10	0	NA	NA	1.2	1	1	2	50	1	2	HE2043
84	120	41.5	31.4	9	0	NA	NA	1.2	1	1	2	50	1	2	HE2044
85	120	42.4	31.2	10	0	NA	NA	1.2	1	1	2	50	1	2	HE2045
86	120	41.6	34.3	9	0	NA	NA	1.2	1	1	2	50	1	2	HE3001
87	120	41.9	34.3	9	0	NA	NA	1.2	1	1	2	50	1	2	HE3002
88	120	41.2	34	8	0	NA	NA	1.2	1	1	2	50	1	2	HE3003
89	120	41.9	39.1	10	0	NA	NA	1.2	1	1	2	55	1	2	HE3004
90	120	41.3	39.2	10	0	NA	NA	1.2	1	1	2	55	1	2	HE3005
91	120	42.5	39.6	10	0	NA	NA	1.2	1	1	2	55	1	2	HE3006
92	120	41.7	39.1	10	0	NA	NA	1.2	1	1	2	55	1	2	HE3007
93	180	26.9	73.5	10	0	NA	NA	1.2	1	1	2	55	1	2	HE3008
94	180	35	74.4	10	0	NA	NA	1.2	1	1	2	55	1	2	HE3009
95	180	44.2	145.5	10	0	NA	NA	1.2	1	1	2	60	1	2	HE3010
96	180	42.4	142.9	10	0	NA	NA	1.2	1	1	2	55	1	2	HE3011
97	180	45.6	145.4	10	0	NA	NA	1.2	1	1	2	60	1	2	HE3012
98	180	28.3	72.9	10	0	NA	NA	1.2	1	1	2	55	1	2	HE3013
99	80	150.4	66.8	10	0	NA	NA	1.2	1	1	2	45	1	2	HE3014
100	80	126.2	66.7	10	0	NA	NA	1.2	1	1	2	60	1	2	HE3015
101	80	122.1	66.8	10	0	NA	NA	1.2	1	1	2	55	1	2	HE3016
102	100	93.2	95	9	0	NA	NA	1.2	1	1	2	55	1	2	HE3017
103	100	93.2	95	1	0	NA	NA	1.2	1	1	2	55	1	2	HE30171
104	80	92.8	23.8	10	0	NA	NA	1.2	1	1	2	55	1	2	HE3018
105	80	92.2	23.7	10	0	NA	NA	1.2	1	1	2	55	1	2	HE3019
106	80	91.6	23.6	10	0	NA	NA	1.2	1	1	2	55	1	2	HE3020
107	100	94.3	95.2	8	0	NA	NA	1.2	1	1	2	60	1	2	HE3021
108	100	91.8	97	10	0	NA	NA	1.2	1	1	2	55	1	2	HE3022
109	60	172.3	20.6	10	0	NA	NA	1.2	1	1	2	60	1	2	HE3023
110	60	173.3	20.6	10	0	NA	NA	1.2	1	1	2	60	1	2	HE3024
111	60	180.4	20.7	8	0	NA	NA	1.2	1	1	2	60	1	2	HE3025
112	160	52.7	144.9	10	0	NA	NA	1.2	1	1	2	60	1	2	HE3026

Prof. ID	Max Depth	BT	Asc. Time	Num. Dvrs	DCS	T1	T2	VO2	Work Type	Wet	Post.	temp	F/C	Dress	Data set notations
113	160	52.6	144.8	10	0	NA	NA	1.2	1	1	2	60	1	2	HE3027
114	160	54.3	144.8	10	0	NA	NA	1.2	1	1	2	60	1	2	HE3028
115	160	27.1	49.8	10	0	NA	NA	1.2	1	1	2	50	1	2	HE3029
116	160	28	50.5	10	0	NA	NA	1.2	1	1	2	50	1	2	HE3030
117	160	27.7	50.5	10	0	NA	NA	1.2	1	1	2	50	1	2	HE3031
118	160	27.3	50.7	9	0	NA	NA	1.2	1	1	2	50	1	2	HE3032
119	160	27.3	50.8	10	0	NA	NA	1.2	1	1	2	50	1	2	HE3033
120	160	27.8	50.5	10	0	NA	NA	1.2	1	1	2	50	1	2	HE3034
121	250	30.3	196.8	10	0	NA	NA	1.2	1	1	2	60	1	2	HE3035
122	250	13.1	37.3	10	0	NA	NA	1.2	1	1	2	50	1	2	HE3036
123	250	13.3	37.1	10	0	NA	NA	1.2	1	1	2	50	1	2	HE3037
124	250	29	195.9	9	0	NA	NA	1.2	1	1	2	60	1	2	HE3038
125	250	39	198.5	9	0	NA	NA	1.2	1	1	2	60	1	2	HE3039
126	160	30.8	50.2	10	0	NA	NA	1.2	1	1	2	55	1	2	HE3040
127	160	28.6	50.6	10	0	NA	NA	1.2	1	1	2	55	1	2	HE3041
128	300	26.4	256.5	10	0	NA	NA	1.2	1	1	2	60	1	2	HE3042
129	300	15	62	10	0	NA	NA	1.2	1	1	2	50	1	2	HE3043
130	300	15.5	71.2	10	0	NA	NA	1.2	1	1	2	55	1	2	HE3044
131	300	24.7	251.5	10	0	NA	NA	1.2	1	1	2	60	1	2	HE3045
132	300	14.9	62.4	9	0	NA	NA	1.2	1	1	2	50	1	2	HE3046
133	300	25.4	251.6	12	0	NA	NA	1.2	1	1	2	60	1	2	HE3047
134	250	17.7	40.7	9	0	NA	NA	1.2	1	1	2	50	1	2	HE3048
135	120	46.3	46.7	7	0	NA	NA	1.2	1	1	2	55	1	2	HE4001
136	120	46.9	46.8	3	0	NA	NA	1.2	1	1	2	55	1	2	HE4002
137	80	54.9	4.2	8	0	NA	NA	1.2	1	1	2	50	1	2	HE4003
138	80	53.4	2.4	8	0	NA	NA	1.2	1	1	2	50	1	2	HE4004
139	100	33.6	4.2	9	0	NA	NA	1.2	1	1	2	50	1	2	HE4005
140	100	33.3	4.2	8	0	NA	NA	1.2	1	1	2	50	1	2	HE4006
141	120	46.4	47	7	0	NA	NA	1.2	1	1	2	55	1	2	HE4007
142	120	48	47.3	8	0	NA	NA	1.2	1	1	2	55	1	2	HE4008
143	80	56.5	2.8	9	0	NA	NA	1.2	1	1	2	50	1	2	HE4009
144	80	53.9	2.5	8	0	NA	NA	1.2	1	1	2	50	1	2	HE4010
145	100	31.5	3.2	5	0	NA	NA	1.2	1	1	2	50	1	2	HE4011
146	100	30.9	3	10	0	NA	NA	1.2	1	1	2	50	1	2	HE4012
147	120	45.9	46.6	9	0	NA	NA	1.2	1	1	2	55	1	2	HE4013
148	120	45.7	46.1	4	0	NA	NA	1.2	1	1	2	55	1	2	HE4014
149	120	46.4	50.2	10	0	NA	NA	1.2	1	1	2	55	1	2	HE5001
150	120	46.5	49.5	9	0	NA	NA	1.2	1	1	2	55	1	2	HE5002

Prof. ID	Max Depth	BT	Asc. Time	Num. Dvrs	DCS	T1	T2	VO2	Work Type	Wet	Post.	temp	F/C	Dress	Data set notations
151	120	46	50.4	10	0	NA	NA	1.2	1	1	2	55	1	2	HE5003
152	200	36.5	136.2	8	0	NA	NA	1.2	1	1	2	55	1	2	HE5004
153	200	39.9	133.9	10	0	NA	NA	1.2	1	1	2	55	1	2	HE5005
154	200	38.4	161.1	10	0	NA	NA	1.2	1	1	2	60	1	2	HE5006
155	200	39.7	161.8	10	0	NA	NA	1.2	1	1	2	60	1	2	HE5007
156	200	38.2	164	10	0	NA	NA	1.2	1	1	2	60	1	2	HE5008
157	260	27.5	211.3	9	0	NA	NA	1.2	1	1	2	60	1	2	HE5009
158	300	24	140.8	10	0	NA	NA	1.2	1	1	2	55	1	2	HE5010
159	300	21.1	127.9	10	0	NA	NA	1.2	1	1	2	55	1	2	HE5011
160	300	24.1	187.5	10	0	NA	NA	1.2	1	1	2	60	1	2	HE5012
161	100	64	47.1	10	0	NA	NA	1.2	1	1	2	55	1	2	HE5013
162	100	64	46.9	9	0	NA	NA	1.2	1	1	2	55	1	2	HE5014
163	300	25.6	239.5	10	0	NA	NA	1.2	1	1	2	60	1	2	HE5015
164	80	92.8	33.9	9	0	NA	NA	1.2	1	1	2	55	1	2	HE5016
165	80	93.7	34	10	0	NA	NA	1.2	1	1	2	55	1	2	HE5017
166	100	62.7	46.7	10	0	NA	NA	1.2	1	1	2	55	1	2	HE5018
167	80	93	33.9	9	0	NA	NA	1.2	1	1	2	55	1	2	HE5019
168	200	11.1	6.8	1	1	11.07	63.9	1.2	1	1	2	45	1	2	HE2008
169	160	12.6	4.5	1	1	12.6	92.07	1.2	1	1	2	45	1	2	HE1001
170	140	17.5	4	1	1	17.47	41.5	1.2	1	1	2	45	1	2	HE1010
171	120	21.8	2.9	1	1	21.8	44.7	1.2	1	1	2	45	1	2	HE1031
172	120	23.4	3.3	1	1	23.37	97.67	1.2	1	1	2	45	1	2	HE1022
173	120	24.4	3	1	1	24.4	61.4	1.2	1	1	2	45	1	2	HE1023
174	120	26	3.6	1	1	26	47.57	1.2	1	1	2	50	1	2	HE1020
175	120	26.4	3.3	1	1	26.42	43.68	1.2	1	1	2	50	1	2	HE1019
176	120	26.4	3.3	1	1	26.42	56.68	1.2	1	1	2	50	1	2	HE1019
177	100	31.5	3.2	1	1	31.53	49.7	1.2	1	1	2	50	1	2	HE4011
178	100	36.7	3.7	1	1	36.73	58.4	1.2	1	1	2	50	1	2	HE1014
179	120	41.5	31.4	1	1	41.53	75.97	1.2	1	1	2	50	1	2	HE2044
180	100	43.9	3.3	2	1	43.92	71.22	1.2	1	1	2	50	1	2	HE1008
181	100	45	3.6	2	1	45.03	96.63	1.2	1	1	2	50	1	2	HE1011
182	100	33.1	2.5	2	1	45.63	69.63	1.2	1	1	2	50	1	2	HE2005
183	180	46.5	141	1	1	46.53	194.57	1.2	1	1	2	55	1	2	HE2032
184	100	38.2	3.3	1	1	51.52	112.52	1.2	1	1	2	71	1	2	HE1037
185	100	43.9	3.3	1	1	57.22	119.22	1.2	1	1	2	50	1	2	HE1008
186	160	27.3	50.7	1	1	61.43	1278.02	1.2	1	1	2	50	1	2	HE3032
187	150	31.8	43.1	1	1	74.43	174.87	1.2	1	1	2	50	1	2	HE2042
188	300	14.9	62.4	1	1	77.17	104.33	1.2	1	1	2	50	1	2	HE3046

Prof. ID	Max Depth	BT	Asc. Time	Num. Dvrs	DCS	T1	T2	VO2	Work Type	Wet	Post.	temp	F/C	Dress	Data set notations
189	120	41.2	34	1	1	85.17	156.17	1.2	1	1	2	50	1	2	HE3003
190	80	53.9	2.5	1	1	86.43	159.43	1.2	1	1	2	50	1	2	HE4010
191	120	41.2	34	1	1	105.17	195.17	1.2	1	1	2	50	1	2	HE3003
192	120	48	47.3	1	1	105.37	193.37	1.2	1	1	2	55	1	2	HE4008
193	120	41.6	34.3	1	1	105.93	262.93	1.2	1	1	2	50	1	2	HE3001
194	120	41.9	34.3	1	1	106.2	235.2	1.2	1	1	2	50	1	2	HE3002
195	100	64	46.9	1	1	110.57	171.9	1.2	1	1	2	55	1	2	HE5014
196	120	45.7	46.1	1	1	121.87	158.87	1.2	1	1	2	55	1	2	HE4014
197	120	45.9	46.6	1	1	122.47	211.44	1.2	1	1	2	55	1	2	HE4013
198	120	46.3	46.7	1	1	122.95	272.95	1.2	1	1	2	55	1	2	HE4001
199	100	94.3	95.2	2	1	130.9	267.57	1.2	1	1	2	60	1	2	HE3021
200	60	149.7	2.1	1	1	149.7	185.77	1.2	1	1	2	55	1	2	HE1033
201	80	53.4	2.4	1	1	175.77	955.77	1.2	1	1	2	50	1	2	HE4004
202	180	46.5	141	1	1	187.2	217.57	1.2	1	1	2	55	1	2	HE2032
203	180	46	145.9	1	1	191.2	695.83	1.2	1	1	2	60	1	2	HE2035
204	200	36.5	136.2	1	1	202.67	283.67	1.2	1	1	2	55	1	2	HE5004
205	120	46.3	46.7	1	1	212.95	576.95	1.2	1	1	2	55	1	2	HE4001
206	120	46.3	46.7	1	1	212.95	1366.95	1.2	1	1	2	55	1	2	HE4001
207	120	46.9	46.8	2	1	213.7	609.7	1.2	1	1	2	55	1	2	HE4002
208	120	46.9	46.8	1	1	213.7	813.7	1.2	1	1	2	55	1	2	HE4002
209	100	102.1	94.7	1	1	226.77	347.77	1.2	1	1	2	60	1	2	HE2021
210	60	180.4	20.7	1	1	231.08	288.08	1.2	1	1	2	60	1	2	HE3025
211	80	92.8	33.9	1	1	246.77	1566.77	1.2	1	1	2	55	1	2	HE5016
212	200	36.3	112.2	1	1	268.5	562.5	1.2	1	1	2	55	1	2	HE2015
213	200	36.5	136.2	1	1	292.67	612.67	1.2	1	1	2	55	1	2	HE5004
214	140	65.6	118.5	1	1	304.13	559.13	1.2	1	1	2	55	1	2	HE2029
215	140	65.6	118.5	1	1	304.13	950.13	1.2	1	1	2	55	1	2	HE20291
216	100	98.6	87.9	1	1	306.5	419.5	1.2	1	1	2	55	1	2	HE2020
217	180	46.5	141	1	1	307.57	967.57	1.2	1	1	2	55	1	2	HE2032
218	180	47.9	147.2	1	1	315.1	405.1	1.2	1	1	2	60	1	2	HE2031
219	260	27.5	211.3	1	1	358.77	1105.77	1.2	1	1	2	60	1	2	HE5009
220	120	46.9	46.8	1	0.5	93.53	103.7	1.2	1	1	2	55	1	2	HE4002
221	250	29	195.9	1	0.5	234.88	280.88	1.2	1	1	2	60	1	2	HE3038

EDUHe70

A-13

Prof. ID	Max Depth	BT	Asc. Time	Num. Dvrs	DCS	T1	T2	VO2	Work Type	Wet	Post.	temp	F/C	Dress	Data set notations
1	205	15	35	2	0	NA	NA	1	0	1	0	NA	NA	NA	200/15-INIT-1
2	205	15	35	2	0	NA	NA	1	0	1	0	NA	NA	NA	200/15-INIT-2
3	205	15	35	2	0	NA	NA	1	0	1	0	NA	NA	NA	200/15-INIT-3
4	205	30	150	2	0	NA	NA	1	0	1	0	NA	NA	NA	200/30-INIT-1
5	205	30	150	2	0	NA	NA	1	0	1	0	NA	NA	NA	200/30-INIT-2
6	205	30	150	2	0	NA	NA	1	0	1	0	NA	NA	NA	200/30-INIT-3
7	205	30	150	2	0	NA	NA	1	0	1	0	NA	NA	NA	200/30-INIT-4
8	205	60	290	2	0	NA	NA	1	0	1	0	NA	NA	NA	200/60-INIT-1
9	205	60	290	1	1	55.05	402	1	0	1	0	NA	NA	NA	200/60-INIT-2
10	205	60	290	1	0.5	55.05	402	1	0	1	0	NA	NA	NA	200/60-INIT-2
11	205	60	320	2	0	NA	NA	1	0	1	0	NA	NA	NA	200/60-MOD A-3
12	205	60	320	2	0	NA	NA	1	0	1	0	NA	NA	NA	200/60-MOD A-4
13	205	60	322.42	2	0	NA	NA	1	0	1	0	NA	NA	NA	200/60-MOD A-5
14	205	90	395	2	0	NA	NA	1	0	1	0	NA	NA	NA	200/90-INIT-1
15	255	15	70	2	0	NA	NA	1	0	1	0	NA	NA	NA	250/15-INIT-1
16	255	15	70	2	0	NA	NA	1	0	1	0	NA	NA	NA	250/15-INIT-2
17	305	15	100	2	0	NA	NA	1	0	1	0	NA	NA	NA	300/15-INIT-1
18	305	15	100	2	0	NA	NA	1	0	1	0	NA	NA	NA	300/15-INIT-2
19	305	15	100	2	0	NA	NA	1	0	1	0	NA	NA	NA	300/15-INIT-3
20	305	15	100	2	0	NA	NA	1	0	1	0	NA	NA	NA	300/15-INIT-4
21	305	15	100	2	0	NA	NA	1	0	1	0	NA	NA	NA	300/15-INIT-5
22	305	15	105	1	0.5	14	141.5	1	0	1	0	NA	NA	NA	300/15-MOD A-6
23	305	15	105	1	0	NA	NA	1	0	1	0	NA	NA	NA	300/15-MOD A-6
24	305	15	105	6	0	NA	NA	1	0	1	0	NA	NA	NA	300/15-MOD A-7
25	305	15	105	2	0	NA	NA	1	0	1	0	NA	NA	NA	300/15-MOD A-8
26	305	15	105	2	0	NA	NA	1	0	1	0	NA	NA	NA	300/15-MOD A-9
27	305	15.17	134.83	2	0	NA	NA	1	0	1	0	NA	NA	NA	300/15-MOD A-10
28	305	15	105	2	0	NA	NA	1	0	1	0	NA	NA	NA	300/15-MOD A-12
29	305	15	105	2	0	NA	NA	1	0	1	0	NA	NA	NA	300/15-MOD A-13
30	305	15	105	2	0	NA	NA	1	0	1	0	NA	NA	NA	300/15-MOD A-14
31	305	15	105	2	0	NA	NA	1	0	1	0	NA	NA	NA	300/15-MOD A-15
32	305	15	105	3	0	NA	NA	1	0	1	0	NA	NA	NA	300/15-MOD A-16
33	305	15	105	2	0	NA	NA	1	0	1	0	NA	NA	NA	300/15-MOD A-17
34	305	15	105	2	0	NA	NA	1	0	1	0	NA	NA	NA	300/15-MOD A-18
35	305	15	105	2	0	NA	NA	1	0	1	0	NA	NA	NA	300/15-MOD A-19
36	305	15	105	2	0	NA	NA	1	0	1	0	NA	NA	NA	300/15-MOD A-20

Prof. ID	Max Depth	BT	Asc. Time	Num. Dvrs	DCS	T1	T2	VO2	Work Type	Wet	Post.	temp	F/C	Dress	Data set notations
37	305	15	105	2	0	NA	NA	1	0	1	0	NA	NA	NA	300/15-MOD A-21
38	305	15	105	2	0	NA	NA	1	0	1	0	NA	NA	NA	300/15-MOD A-22
39	305	15	105	2	0	NA	NA	1	0	1	0	NA	NA	NA	300/15-MOD A-23
40	305	15	105	1	1	15	126	1	0	1	0	NA	NA	NA	300/15-MOD A-24
41	305	15	105	2	0	NA	NA	1	0	1	0	NA	NA	NA	300/15-MOD A-26
42	305	15	105	2	0	NA	NA	1	0	1	0	NA	NA	NA	300/15-MOD A-27
43	305	15	105	1	1	15	480	1	0	1	0	NA	NA	NA	300/15-MOD A-28
44	305	15	105	1	0	NA	NA	1	0	1	0	NA	NA	NA	300/15-MOD A-28
45	305	30	256.5	2	0	NA	NA	1	0	1	0	NA	NA	NA	300/30-INIT-1
46	305	30	255	2	1	27.92	265	1	0	1	0	NA	NA	NA	300/30-INIT-2
47	305	30	255	1	1	25.5	428	1	0	1	0	NA	NA	NA	300/30-INIT-3
48	305	30	255	1	0	NA	NA	1	0	1	0	NA	NA	NA	300/30-INIT-3
49	305	30	265	2	0	NA	NA	1	0	1	0	NA	NA	NA	300/30-MOD A-4
50	305	30	245	2	0	NA	NA	1	0	1	0	NA	NA	NA	300/30-MOD A-5
51	305	30	265	1	1	27.75	469	1	0	1	0	NA	NA	NA	300/30-MOD A-6
52	305	30	265	1	0	NA	NA	1	0	1	0	NA	NA	NA	300/30-MOD A-6
53	305	30	335	2	0	NA	NA	1	0	1	0	NA	NA	NA	300/30-MOD B-7
54	305	29.17	335.83	2	0	NA	NA	1	0	1	0	NA	NA	NA	300/30-MOD B-8
55	305	30	335	2	0	NA	NA	1	0	1	0	NA	NA	NA	300/30-MOD B-9
56	305	30	335	2	0	NA	NA	1	0	1	0	NA	NA	NA	300/30-MOD B-10
57	305	60	450	1	1	55.17	510.5	1	0	1	0	NA	NA	NA	300/60-INIT-1
58	305	60	450	1	0	NA	NA	1	0	1	0	NA	NA	NA	300/60-INIT-1
59	305	60	480	1	1	55	655	1	0	1	0	NA	NA	NA	300/60-MOD A-2
60	305	60	480	1	0	NA	NA	1	0	1	0	NA	NA	NA	300/60-MOD A-2
61	305	60	480	1	1	59	552	1	0	1	0	NA	NA	NA	300/60-MOD A-3
62	305	60	480	1	1	59	735	1	0	1	0	NA	NA	NA	300/60-MOD A-3
63	305	60	569	1	1	59	551.33	1	0	1	0	NA	NA	NA	300/60-MOD B-4
64	305	60	569	1	0	NA	NA	1	0	1	0	NA	NA	NA	300/60-MOD B-4
65	305	60.17	655	2	0	NA	NA	1	0	1	0	NA	NA	NA	300/60-MOD C-5
66	305	60	655	2	0	NA	NA	1	0	1	0	NA	NA	NA	300/60-MOD C-6
67	305	60	655	2	0	NA	NA	1	0	1	0	NA	NA	NA	300/60-MOD C-7
68	305	32	655	2	0	NA	NA	1	0	1	0	NA	NA	NA	300/60-MOD C-8
69	305	60	655	2	0	NA	NA	1	0	1	0	NA	NA	NA	300/60-MOD C-9
70	305	60	655	2	0	NA	NA	1	0	1	0	NA	NA	NA	300/60-MOD C-10
71	305	90	750	2	0	NA	NA	1	0	1	0	NA	NA	NA	300/90-INIT-1
72	355	15	205	2	0	NA	NA	1	0	1	0	NA	NA	NA	350/15-INIT-1
73	355	15	205	2	0	NA	NA	1	0	1	0	NA	NA	NA	350/15-INIT-2
74	355	15	205	1	1	14	67	1	0	1	0	NA	NA	NA	350/15-INIT-3

Prof. ID	Max Depth	BT	Asc. Time	Num. Dvrs	DCS	T1	T2	VO2	Work Type	Wet	Post.	temp	F/C	Dress	Data set notations
75	355	15	205	1	1	14	82	1	0	1	0	NA	NA	NA	350/15-INIT-3
76	355	15	236	2	0	NA	NA	1	0	1	0	NA	NA	NA	350/15-MOD A-4
77	355	15	236	2	0	NA	NA	1	0	1	0	NA	NA	NA	350/15-MOD A-5
78	355	15	236	2	0	NA	NA	1	0	1	0	NA	NA	NA	350/15-MOD A-6
79	355	15	328	2	0	NA	NA	1	0	1	0	NA	NA	NA	350/15-MOD A-7
80	355	15.2	236	2	0	NA	NA	1	0	1	0	NA	NA	NA	350/15-MOD A-8
81	355	15	236	2	0	NA	NA	1	0	1	0	NA	NA	NA	350/15-MOD A-9
82	355	15	236	2	0	NA	NA	1	0	1	0	NA	NA	NA	350/15-MOD A-10
83	355	15	236.75	2	0	NA	NA	1	0	1	0	NA	NA	NA	350/15-MOD A-11
84	355	15	236	2	0	NA	NA	1	0	1	0	NA	NA	NA	350/15-MOD A-12
85	355	15	236	2	0	NA	NA	1	0	1	0	NA	NA	NA	350/15-MOD A-13
86	355	15	236	2	0	NA	NA	1	0	1	0	NA	NA	NA	350/15-MOD A-14
87	355	15	236	2	0	NA	NA	1	0	1	0	NA	NA	NA	350/15-MOD A-15
88	355	15	237	2	0	NA	NA	1	0	1	0	NA	NA	NA	350/15-MOD A-16
89	355	15	236	2	0	NA	NA	1	0	1	0	NA	NA	NA	350/15-MOD A-17
90	355	15	236	1	1	14.5	54	1	0	1	0	NA	NA	NA	350/15-MOD A-18
91	355	15	236	1	0	NA	NA	1	0	1	0	NA	NA	NA	350/15-MOD A-18
92	355	15	236	1	1	13.5	51	1	0	1	0	NA	NA	NA	350/15-MOD A-19
93	355	15	236	1	0	NA	NA	1	0	1	0	NA	NA	NA	350/15-MOD A-19
94	355	30	530	2	0	NA	NA	1	0	1	0	NA	NA	NA	350/30-INIT-1
95	355	30	530	2	0	NA	NA	1	0	1	0	NA	NA	NA	350/30-INIT-2
96	355	30.17	529.83	1	1	29	272	1	0	1	0	NA	NA	NA	350/30-INIT-3
97	355	30.17	529.83	1	0	NA	NA	1	0	1	0	NA	NA	NA	350/30-INIT-3
98	355	30	463	2	0	NA	NA	1	0	1	0	NA	NA	NA	350/30-MOD A-4
99	355	30	463	1	0.5	29	853	1	0	1	0	NA	NA	NA	350/30-MOD A-5
100	355	30	463	1	0	NA	NA	1	0	1	0	NA	NA	NA	350/30-MOD A-5
101	355	30	463	1	1	29	360	1	0	1	0	NA	NA	NA	350/30-MOD A-6
102	355	30	463	1	0	NA	NA	1	0	1	0	NA	NA	NA	350/30-MOD A-6
103	355	30	523	2	0	NA	NA	1	0	1	0	NA	NA	NA	350/30-MOD B-7
104	355	30	523	4	0	NA	NA	1	0	1	0	NA	NA	NA	350/30-MOD B-8
105	355	30	523	1	1	29	370	1	0	1	0	NA	NA	NA	350/30-MOD B-10
106	355	30	523	1	0	NA	NA	1	0	1	0	NA	NA	NA	350/30-MOD B-10
107	355	30	543	2	0	NA	NA	1	0	1	0	NA	NA	NA	350/30-MOD C-11
108	355	30.25	543	1	1	29	982	1	0	1	0	NA	NA	NA	350/30-MOD C-12
109	355	30	543	1	0	NA	NA	1	0	1	0	NA	NA	NA	350/30-MOD C-12
110	355	30	543	2	0	NA	NA	1	0	1	0	NA	NA	NA	350/30-MOD C-23
111	355	30	543	2	0	NA	NA	1	0	1	0	NA	NA	NA	350/30-MOD C-24
112	355	30	603	2	0	NA	NA	1	0	1	0	NA	NA	NA	350/30-MOD D-13

A-16

[illegible]

Prof. ID	Max Depth	BT	Asc. Time	Num. Dvrs	DCS	T1	T2	VO2	Work Type	Wet	Post.	temp	F/C	Dress	Data set notations
151	199	37	136	2	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	2A-MOD2-ABORT(12
152	257	19	133	2	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	3A-MOD2-ABORT(24
153	257	50	265	2	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	3A-MOD2-1(25
154	257	50	267	2	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	3A-MOD2-2(26
155	257	50	422	1	1	60	177	NA	NA	NA	NA	NA	NA	NA	3A-MOD2-3(27
156	257	50	422	1	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	3A-MOD2-3(27
157	305	15	119.78	2	0	NA	NA	1	0	1	0	NA	NA	NA	300/15-AIR DECO-29 NEDU log 70
158	305	11	106	2	0	NA	NA	1	0	1	0	NA	NA	NA	300/15-MOD A-30 ABORT 60BT
159	355	90	131	1	1	90	216	1	0	1	0	NA	NA	NA	350/90
160	355	90	131	1	0	NA	NA	1	0	1	0	NA	NA	NA	350/90
161	405	60	684	1	1	58.08	513	1	0	1	0	NA	NA	NA	400/30 NEDU log 69
162	405	60	684	1	0	NA	NA	1	0	1	0	NA	NA	NA	400/30 NEDU log 69

NMR86h6

A-18

Prof. ID	Max Depth	BT	Asc. Time	Num. Dvrs	DCS	T1	T2	VO2	Work Type	Wet	Post.	temp	F/C	Dress	Data set notations
1	53	365	1.54	2	0	NA	NA	1.2	1	1	1	NA	NA	NA	23SEP86
2	53	365	1.52	1	0	NA	NA	1.2	1	1	1	NA	NA	NA	24SEP86
3	53	365	1.51	2	0	NA	NA	1.2	1	1	1	NA	NA	NA	26SEP86
4	53	365	1.63	1	0	NA	NA	1.2	1	1	1	NA	NA	NA	30SEP86
5	53	365	1.63	1	1	487.63	727.63	1.2	1	1	1	NA	NA	NA	30SEP86
6	50	365	1.47	2	0	NA	NA	1.2	1	1	1	NA	NA	NA	02OCT86
7	50	365	1.54	2	0	NA	NA	1.2	1	1	1	NA	NA	NA	03OCT86
8	50	365	1.47	2	0	NA	NA	1.2	1	1	1	NA	NA	NA	06OCT86
9	50	365	1.46	2	0	NA	NA	1.2	1	1	1	NA	NA	NA	07OCT86
10	50	365	1.18	1	0	NA	NA	1.2	1	1	1	NA	NA	NA	08OCT86
11	55	365	1.42	2	0	NA	NA	1.2	1	1	1	NA	NA	NA	09OCT86
12	55	365	1.56	2	0	NA	NA	1.2	1	1	1	NA	NA	NA	10OCT86
13	55	365	1.63	2	0	NA	NA	1.2	1	1	1	NA	NA	NA	14OCT86
14	55	365	1.56	2	0	NA	NA	1.2	1	1	1	NA	NA	NA	15OCT86
15	55	365	1.58	2	0	NA	NA	1.2	1	1	1	NA	NA	NA	16OCT86
16	60	365	1.66	2	0	NA	NA	1.2	1	1	1	NA	NA	NA	17OCT86
17	60	365	1.61	2	0	NA	NA	1.2	1	1	1	NA	NA	NA	20OCT86
18	60	365	1.61	2	0	NA	NA	1.2	1	1	1	NA	NA	NA	21OCT86
19	60	365	1.35	2	0	NA	NA	1.2	1	1	1	NA	NA	NA	22OCT86
20	60	365	1.67	2	0	NA	NA	1.2	1	1	1	NA	NA	NA	23OCT86
21	60	365	1.59	2	0	NA	NA	1.2	1	1	1	NA	NA	NA	24OCT86
22	60	365	1.62	2	0	NA	NA	1.2	1	1	1	NA	NA	NA	27OCT86
23	60	365	1.66	2	0	NA	NA	1.2	1	1	1	NA	NA	NA	28OCT86
24	60	365	1.59	2	0	NA	NA	1.2	1	1	1	NA	NA	NA	29OCT86
25	60	365	1.65	2	0	NA	NA	1.2	1	1	1	NA	NA	NA	30OCT86
26	60	365	1.7	2	0	NA	NA	1.2	1	1	1	NA	NA	NA	31OCT86
27	60	365	1.65	2	0	NA	NA	1.2	1	1	1	NA	NA	NA	03NOV86
28	60	365	1.67	2	0	NA	NA	1.2	1	1	1	NA	NA	NA	04NOV86
29	60	365	1.71	2	0	NA	NA	1.2	1	1	1	NA	NA	NA	07NOV86
30	60	485	1.62	2	0	NA	NA	1.2	1	1	1	NA	NA	NA	11NOV86
31	60	485	1.66	2	0	NA	NA	1.2	1	1	1	NA	NA	NA	12NOV86
32	60	485	1.62	2	0	NA	NA	1.2	1	1	1	NA	NA	NA	13NOV86
33	53	315	1	1	0	NA	NA	1.2	1	1	1	NA	NA	NA	24SEP86-CASE(A
34	50	311	1.18	1	0	NA	NA	1.2	1	1	1	NA	NA	NA	08OCT86-CASE(D

NMR9404

A-19

Prof. ID	Max Depth	BT	Asc. Time	Num. Dvrs	DCS	T1	T2	VO2	Work Type	Wet	Post.	temp	F/C	Dress	Data set notations
1	120	27	5.5	4	0	NA	NA	1.4	1	1	1	50	1	2	HE1AA01
2	119	27.1	5	3	0	NA	NA	1.4	1	1	1	50	1	2	HE1AA02
3	119	27.1	5	1	0.5	173	353	1.4	1	1	1	50	1	2	HE1AA02 (aq
4	119	27	5.3	4	0	NA	NA	1.4	1	1	1	50	1	2	HE1AA03
5	119	27.2	4.9	3	0	NA	NA	1.4	1	1	1	50	1	2	HE1AA04
6	119	27.2	4.9	1	1	184.8	1144.8	1.4	1	1	1	50	1	2	HE1AA04 (a
7	119	27	5.4	4	0	NA	NA	1.4	1	1	1	50	1	2	HE1AA06
8	119	27	5.7	3	0	NA	NA	1.4	1	1	1	50	1	2	HE1AA07
9	119	27	5.7	1	0.5	45.8	72.5	1.4	1	1	1	50	1	2	HE1AA07 (aa
10	119	32	6.1	3	0	NA	NA	1.4	1	1	1	50	1	2	HE1AB01
11	119	32	6.1	1	0.5	170.9	530.9	1.4	1	1	1	50	1	2	HE1AB01 (ab
12	119	32.1	5.3	3	0	NA	NA	1.4	1	1	1	50	1	2	HEA1B02
13	119	32.1	5.3	1	0.5	169.2	349.2	1.4	1	1	1	50	1	2	HEA1B02 (av
14	119	32.1	5.6	4	0	NA	NA	1.4	1	1	1	50	1	2	HE1AB03
15	119	32	5.7	3	0	NA	NA	1.4	1	1	1	50	1	2	HE1AB04
16	119	32	5.7	1	1	60.7	68.2	1.4	1	1	1	50	1	2	HE1AB04 (b
17	119	32	5.2	3	0	NA	NA	1.4	1	1	1	50	1	2	HE1AB05
18	119	32	5.2	1	1	41.7	52.7	1.4	1	1	1	50	1	2	HE1AB05 (c
19	119	30.1	5.2	3	0	NA	NA	1.4	1	1	1	50	1	2	HE1AE01
20	118.8	30	5.6	4	0	NA	NA	1.4	1	1	1	50	1	2	HE1AE02
21	119	30	5.4	4	0	NA	NA	1.4	1	1	1	50	1	2	HE1AE03
22	119	30	5.2	3	0	NA	NA	1.4	1	1	1	50	1	2	HE1AE04
23	119	30	5.1	2	0	NA	NA	1.4	1	1	1	50	1	2	HE1AE05
24	160	13	6.6	2	0	NA	NA	1.4	1	1	1	45	1	2	HE1BA01
25	160	13	6.6	1	0.5	22.1	44.3	1.4	1	1	1	45	1	2	HE1BA01 (as
26	160	13	6.6	1	0.5	149.3	389.3	1.4	1	1	1	45	1	2	HE1BA01 (ac
27	160	13	7	4	0	NA	NA	1.4	1	1	1	45	1	2	HE1BA02
28	160	13	6.8	4	0	NA	NA	1.4	1	1	1	45	1	2	HE1BA03
29	160	13.1	6.7	3	0	NA	NA	1.4	1	1	1	45	1	2	HE1BA04
30	160	13.1	6.7	1	1	17.5	49.5	1.4	1	1	1	45	1	2	HE1BA04 (d
31	160	13.1	7.3	4	0	NA	NA	1.4	1	1	1	45	1	2	HE1BA05
32	160	13.1	6.5	4	0	NA	NA	1.4	1	1	1	45	1	2	HE1BA06
33	160	16.1	7.3	4	0	NA	NA	1.4	1	1	1	50	1	2	HE1BB01
34	160	16	6	4	0	NA	NA	1.4	1	1	1	45	1	2	HE1BB02
35	160	16.1	6.2	4	0	NA	NA	1.4	1	1	1	45	1	2	HE1BB03
36	160	16	6.6	4	0	NA	NA	1.4	1	1	1	45	1	2	HE1BB04

Prof. ID	Max Depth	BT	Asc. Time	Num. Dvrs	DCS	T1	T2	VO2	Work Type	Wet	Post.	temp	F/C	Dress	Data set notations
37	160	18.1	6.6	3	0	NA	NA	1.4	1	1	1	45	1	2	HE1BD01
38	160	18.1	6.6	1	1	44.3	59.3	1.4	1	1	1	45	1	2	HE1BD01 (e
39	200	9	7.8	4	0	NA	NA	NA	NA	NA	NA	45	1	2	HE1CA02
40	200	9	8.3	4	0	NA	NA	NA	NA	NA	NA	50	1	2	HE1CA04
41	200	9.1	8.2	4	0	NA	NA	NA	NA	NA	NA	50	1	2	HE1CA05
42	200	9	7.6	4	0	NA	NA	NA	NA	NA	NA	50	1	2	HE1CA06
43	200	11	7.8	4	0	NA	NA	1.4	1	1	1	50	1	2	HE1CB01
44	200	11.1	8.6	3	0	NA	NA	1.4	1	1	1	45	1	2	HE1CB02
45	200	11.1	8.6	1	1	21.8	43	1.4	1	1	1	45	1	2	HE1CB02 (f
46	200	11	8.3	4	0	NA	NA	1.4	1	1	1	45	1	2	HE1CB03
47	200	11	8.7	4	0	NA	NA	1.4	1	1	1	45	1	2	HE1CB04
48	200	11	8.1	4	0	NA	NA	1.4	1	1	1	45	1	2	HE1CB05
49	200	11	8.8	3	0	NA	NA	NA	NA	NA	NA	45	1	2	HE1CB06
50	200	11	8.8	1	1	17.8	42.1	NA	NA	NA	NA	45	1	2	HE1CB06 (g
51	200	10	8.1	3	0	NA	NA	NA	NA	NA	NA	45	1	2	HE1CE01
52	200	10	8.1	1	0.5	17	37.9	NA	NA	NA	NA	45	1	2	HE1CE01 (ad
53	200	10	8.3	3	0	NA	NA	NA	NA	NA	NA	45	1	2	HE1CE02
54	200	10	8.3	1	0.5	33	49.5	NA	NA	NA	NA	45	1	2	HE1CE02 (al
55	200	10	7.9	4	0	NA	NA	NA	NA	NA	NA	45	1	2	HE1CE03
56	200	10	7.7	2	0	NA	NA	1.4	1	1	1	45	1	2	HE1CE04
57	200	10	7.7	1	0.5	20.3	40.5	1.4	1	1	1	45	1	2	HE1CE04 (ar
58	200	10	7.7	1	1	28.6	48.6	1.4	1	1	1	45	1	2	HE1CE04 (h
59	160	25	37.6	4	0	NA	NA	1.4	1	1	1	55	1	2	HE1DA01
60	160	25	37.7	4	0	NA	NA	1.4	1	1	1	55	1	2	HE1DA02
61	160	25	37.7	4	0	NA	NA	1.4	1	1	1	55	1	2	HE1DA03
62	160	25	37.3	4	0	NA	NA	1.4	1	1	1	55	1	2	HE1DA04
63	160	25	27.8	4	0	NA	NA	1.4	1	1	1	55	1	2	HE1DB01
64	160	25.1	27	4	0	NA	NA	1.4	1	1	1	55	1	2	HE1DB03
65	160	25.1	27.8	4	0	NA	NA	1.4	1	1	1	55	1	2	HE1DB04
66	160	25.1	26.8	4	0	NA	NA	1.4	1	1	1	55	1	2	HE1DB05
67	160	25.2	16.8	4	0	NA	NA	1.4	1	1	1	50	1	2	HE1DD01
68	160	25.1	16.8	2	0	NA	NA	1.4	1	1	1	50	1	2	HE1DD02
69	160	25.1	16.8	1	1	198.1	1378.1	1.4	1	1	1	50	1	2	HE1DD02 (y
70	160	25.1	16.8	1	1	78.1	198.1	1.4	1	1	1	50	1	2	HE1DD02 (i
71	160	24.9	17.2	3	0	NA	NA	1.4	1	1	1	50	1	2	HE1DD04
72	160	24.9	17.2	1	1	177	477	1.4	1	1	1	50	1	2	HE1DD04 (j
73	160	24.1	16.8	4	0	NA	NA	1.4	1	1	1	50	1	2	HE1DD05
74	160	25	16.6	4	0	NA	NA	1.4	1	1	1	50	1	2	HE1DD06

Prof. ID	Max Depth	BT	Asc. Time	Num. Dvrs	DCS	T1	T2	VO2	Work Type	Wet	Post.	temp	F/C	Dress	Data set notations
75	160	25	17.1	3	0	NA	NA	1.4	1	1	1	50	1	2	HE1DD07
76	160	25	17.1	1	1	50.3	1508.2	1.4	1	1	1	50	1	2	HE1DD07 (k
77	160	25	16.8	4	0	NA	NA	1.4	1	1	1	50	1	2	HE1DD08
78	200	25	64.1	3	0	NA	NA	1.4	1	1	1	55	1	2	HE1EA02
79	200	25	64.1	1	0	NA	NA	1.4	1	1	1	55	1	2	HE1EA02b=blue diver only
80	200	25.1	64.4	4	0	NA	NA	1.4	1	1	1	55	1	2	HE1EA03
81	200	23.9	64.6	4	0	NA	NA	1.4	1	1	1	55	1	2	HE1EA04
82	200	25	63.7	4	0	NA	NA	1.4	1	1	1	55	1	2	HE1EA05
83	200	25	49.8	4	0	NA	NA	1.4	1	1	1	55	1	2	HE1EB01
84	200	25.1	50.4	4	0	NA	NA	1.4	1	1	1	55	1	2	HE1EB02
85	200	25.1	48.6	3	0	NA	NA	1.4	1	1	1	55	1	2	HE1EB03
86	200	25.1	48.6	1	0.5	90.1	165.1	1.4	1	1	1	55	1	2	HE1EB03 (ae
87	200	24.9	48.9	3	0	NA	NA	1.4	1	1	1	55	1	2	HE1EB04
88	200	24.9	48.9	1	1	227.1	707.1	1.4	1	1	1	55	1	2	HE1EB04 (l
89	200	25	48.5	4	0	NA	NA	1.4	1	1	1	55	1	2	HE1EB05
90	200	25	28.5	4	0	NA	NA	1.4	1	1	1	55	1	2	HE1ED01
91	200	25	28.7	2	0	NA	NA	1.4	1	1	1	55	1	2	HE1ED02
92	200	25	28.7	1	0.5	74.3	554.3	1.4	1	1	1	55	1	2	HE1ED02 (af
93	200	25	28.7	1	1	65.9	76.3	1.4	1	1	1	55	1	2	HE1ED02 (m
94	200	25	28.6	4	0	NA	NA	1.4	1	1	1	55	1	2	HE1ED03
95	200	25	28.9	2	0	NA	NA	1.4	1	1	1	55	1	2	HE1ED04
96	200	25	28.9	1	1	192.9	522.9	1.4	1	1	1	55	1	2	HE1ED04 (z
97	200	25	28.9	1	1	64.8	82.9	1.4	1	1	1	55	1	2	HE1ED04 (n
98	230	25.1	110	4	0	NA	NA	1.4	1	1	1	55	1	2	HE1FA01
99	230	25	109.7	4	0	NA	NA	1.4	1	1	1	55	1	2	HE1FA02
100	230	25.1	111	4	0	NA	NA	1.4	1	1	1	55	1	2	HE1FA03
101	230	25.4	110.2	3	0	NA	NA	1.4	1	1	1	55	1	2	HE1FA04
102	230	25.4	110.2	1	0	NA	NA	1.4	1	1	1	55	1	2	HE1FA04B blue diver
103	230	25.1	111.7	3	0	NA	NA	1.4	1	1	1	55	1	2	HE1FA05
104	230	25.1	76.2	4	0	NA	NA	1.4	1	1	1	55	1	2	HE1FB01
105	230	25	78.5	4	0	NA	NA	1.4	1	1	1	55	1	2	HE1FB02
106	230	25	75.3	3	0	NA	NA	1.4	1	1	1	55	1	2	HE1FB03
107	230	25	75.4	4	0	NA	NA	1.4	1	1	1	55	1	2	HE1FB04
108	230	25	75.3	3	0	NA	NA	1.4	1	1	1	55	1	2	HE1FB05
109	230	25	40.3	3	0	NA	NA	1.4	1	1	1	50	1	2	HE1FD01
110	230	25	40.3	1	1	64.7	77.9	1.4	1	1	1	50	1	2	HE1FD01 (o
111	230	25	40.1	3	0	NA	NA	1.4	1	1	1	50	1	2	HE1FD02
112	230	25	40.1	1	1	70.3	252.9	1.4	1	1	1	50	1	2	HE1FD02 (p

Prof. ID	Max Depth	BT	Asc. Time	Num. Dvrs	DCS	T1	T2	VO2	Work Type	Wet	Post.	temp	F/C	Dress	Data set notations
113	230	24.9	39.3	4	0	NA	NA	1.4	1	1	1	50	1	2	HE1FD03
114	260	20	111	4	0	NA	NA	1.4	1	1	1	55	1	2	HE1GA01
115	260	19.9	112.1	4	0	NA	NA	1.4	1	1	1	55	1	2	HE1GA03
116	260	20	110.4	4	0	NA	NA	1.4	1	1	1	55	1	2	HE1GA04
117	260	20.1	111	4	0	NA	NA	1.4	1	1	1	55	1	2	HE1GA05
118	260	20	75.4	4	0	NA	NA	1.4	1	1	1	60	1	2	HE1GB01
119	260	20.1	77	3	0	NA	NA	1.4	1	1	1	60	1	2	HE1GB02
120	260	20.1	77	1	0.5	122.9	152.9	1.4	1	1	1	60	1	2	HE1GB02 (ai
121	260	20	76.1	4	0	NA	NA	1.4	1	1	1	60	1	2	HE1GB03
122	260	19.9	75.5	4	0	NA	NA	1.4	1	1	1	60	1	2	HE1GB04
123	260	19.8	41	1	0	NA	NA	1.4	1	1	1	55	1	2	HE1GD01
124	260	19.8	41	1	0.5	188.6	1508.6	1.4	1	1	1	55	1	2	HE1GD01 (aj
125	260	19.8	41	1	1	60.2	78.6	1.4	1	1	1	55	1	2	HE1GD01 (q
126	260	19.8	41	1	1	60.2	78.6	1.4	1	1	1	55	1	2	HE1GD01 (r
127	260	25	130.9	4	0	NA	NA	1.4	1	1	1	65	1	2	HE1HB01
128	260	24.8	130.8	3	0	NA	NA	1.4	1	1	1	65	1	2	HE1HB02
129	260	24.8	130.8	1	1	163	206.3	1.4	1	1	1	65	1	2	HE1HB02 (s
130	260	24.9	130.3	3	0	NA	NA	1.4	1	1	1	65	1	2	HE1HB03
131	260	24.9	130.3	1	0.5	159.8	299.8	1.4	1	1	1	65	1	2	HE1HB03 (ak
132	260	25	130.3	4	0	NA	NA	1.4	1	1	1	65	1	2	HE1HB04
133	260	25.3	130	4	0	NA	NA	1.4	1	1	1	65	1	2	HE1HB05
134	260	25.1	131.5	4	0	NA	NA	1.4	1	1	1	65	1	2	HE1HB07
135	260	25	106.8	4	0	NA	NA	1.4	1	1	1	60	1	2	HE1HD01
136	260	25	106.5	4	0	NA	NA	1.4	1	1	1	60	1	2	HE1HD03
137	260	25.1	66.3	3	0	NA	NA	1.4	1	1	1	60	1	2	HE1HD04
138	260	25.1	66.3	1	1	73.8	90	1.4	1	1	1	60	1	2	HE1HD04 (t
139	260	24.6	107	3	0	NA	NA	1.4	1	1	1	60	1	2	HE1HD06
140	260	25.4	105.9	4	0	NA	NA	1.4	1	1	1	60	1	2	HE1HD07
141	260	25	105.2	4	0	NA	NA	1.4	1	1	1	60	1	2	HE1HD08
142	260	25	105.6	3	0	NA	NA	1.4	1	1	1	60	1	2	HE1HD09
143	260	25	105.6	1	0	NA	NA	1.4	1	1	1	60	1	2	HE1HD09G=green diver
144	300	25.4	202.2	3	0	NA	NA	1.4	1	1	1	65	1	2	HE1IA01
145	300	25.4	202.2	1	0.5	353.8	760.8	1.4	1	1	1	65	1	2	HE1IA01 (ah
146	300	25	203	4	0	NA	NA	1.4	1	1	1	65	1	2	HE1IA02
147	300	25.1	203.4	3	0	NA	NA	1.4	1	1	1	65	1	2	HE1IA03
148	300	25.1	203.4	1	0.5	355.4	785.4	1.4	1	1	1	65	1	2	HE1IA03 (am
149	300	25.1	204.8	3	0	NA	NA	1.4	1	1	1	65	1	2	HE1IA04
150	300	25.1	204.8	1	0.5	360.6	630.6	1.4	1	1	1	65	1	2	HE1IA04 (an

Prof. ID	Max Depth	BT	Asc. Time	Num. Dvrs	DCS	T1	T2	VO2	Work Type	Wet	Post.	temp	F/C	Dress	Data set notations
151	300	25	177.1	4	0	NA	NA	1.4	1	1	1	65	1	2	HE1IB01
152	300	25.1	177.2	3	0	NA	NA	1.4	1	1	1	65	1	2	HE1IB02
153	300	25.1	177.2	1	0.5	221.3	331.3	1.4	1	1	1	65	1	2	HE1IB02 (ao
154	300	25	177.1	3	0	NA	NA	1.4	1	1	1	65	1	2	HE1IB03
155	300	25	177.1	1	1	329.8	419.8	1.4	1	1	1	65	1	2	HE1IB03 (u
156	300	25	178.6	2	0	NA	NA	1.4	1	1	1	65	1	2	HE1IB04
157	300	25	178.6	1	1	226.4	289.4	1.4	1	1	1	65	1	2	HE1IB04 (v
158	300	25	178.6	1	1	336.4	1263.4	1.4	1	1	1	65	1	2	HE1IB04 (w
159	300	25.1	193.8	4	0	NA	NA	1.4	1	1	1	65	1	2	HE1IE01
160	300	25	192	4	0	NA	NA	1.4	1	1	1	60	1	2	HE1IE02
161	300	25.1	193.5	4	0	NA	NA	1.4	1	1	1	65	1	2	HE1IE03
162	300	25	191.8	3	0	NA	NA	1.4	1	1	1	65	1	2	HE1IE04
163	300	25	191.8	1	0.5	348.2	498.2	1.4	1	1	1	65	1	2	HE1IE04 (ag
164	300	24.9	192.3	3	0	NA	NA	1.4	1	1	1	65	1	2	HE1IE05
165	300	24.9	192.3	1	0.5	88.8	124.2	1.4	1	1	1	65	1	2	HE1IE05 (au
166	300	24.9	192	2	0	NA	NA	1.4	1	1	1	65	1	2	HE1IE07
167	300	24.9	192	1	0.5	117.4	255.3	1.4	1	1	1	65	1	2	HE1IE07 (ap
168	300	24.9	192	1	0.5	225.3	345.3	1.4	1	1	1	65	1	2	HE1IE07 (at
169	300	25	192.4	3	0	NA	NA	1.4	1	1	1	65	1	2	HE1IE08
170	300	25	192.4	1	1	243.5	429.5	1.4	1	1	1	65	1	2	HE1IE08 (x
171	300	24.9	193.8	4	0	NA	NA	1.4	1	1	1	65	1	2	HE1IE09

NSMTRMX

Prof. ID	Max Depth	BT	Asc. Time	Num. Dvrs	DCS	T1	T2	VO2	Work Type	Wet	Post.	temp	F/C	Dress	Data set notations
1	132	5759	3450	4	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	Trimix - 1B
2	132	5759	3451	4	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	TRIMIX 1C
3	132	5759	3451	4	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	Trimix - 1D
4	132	5760	3450	3	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	Trimix - 1E
5	132	5039	3061	4	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	TRIMIX 2B
6	132	5040	3060	3	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	TRIMIX 2A
7	132	5039	3059	4	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	TRIMIX 2-C
8	132	4799	2678	4	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	TRIMIX 2-D
9	132	4800	2677	4	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	TRIMIX 2-E
10	132	4799	2738	1	1	7597	8317	NA	NA	NA	NA	NA	NA	NA	TRIMIX 2-F
11	132	4799	2738	3	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	TRIMIX 2-F
12	132	4559	2678	4	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	TRIMIX 2-G
13	132	4559	2473	1	1	7152	7332	NA	NA	NA	NA	NA	NA	NA	TRIMIX 2-H
14	132	4559	2473	3	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	TRIMIX 2-H
15	132	4890	3336	3	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	TRIMIX 2-I
16	132	4559	3133	1	1	4350	5070	NA	NA	NA	NA	NA	NA	NA	Trimix 2J
17	132	4559	3133	3	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	TRIMIX 2J
18	132	4559	2474	4	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	TRIMIX 2K
19	132	4559	2473	4	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	TRIMIX 2L
20	132	4559	2473	1	1	6140	7203	NA	NA	NA	NA	NA	NA	NA	TRIMIX 2M
21	132	4559	2473	3	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	TRIMIX 2M
22	132	4559	2675	4	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	TRIMIX 2N

NITROGEN-OXYGEN DIVES

EDU885A

A-25

Prof. ID	Max Depth	BT	Asc. Time	Num. Dvrs	DCS	T1	T2	VO2	Work Type	Wet	Post.	temp	F/C	Dress	Data set notations
1	100	63.5	97	10	0	NA	NA	1.2	1	1	2	55	1	2	AN1001.OUT 1 REPETS= 2
2	100	61.5	96.7	10	0	NA	NA	1.2	1	1	2	55	1	2	AN1002.OUT 11 REPETS= 1
3	150	59.6	260.5	1	1	319.9	325.1	1.2	1	1	2	65	1	2	AN1003.OUT 21 REPETS= 1
4	150	59.6	260.5	1	1	350.1	440.1	1.2	1	1	2	65	1	2	AN1003.OUT 22 REPETS= 1
5	150	59.6	260.5	8	0	NA	NA	1.2	1	1	2	65	1	2	AN1003.OUT 23 REPETS= 1
6	100	62.5	94.3	10	0	NA	NA	1.2	1	1	2	55	1	2	AN1004.OUT 31 REPETS= 1
7	60	182.6	153.8	1	1	456	756	1.2	1	1	2	65	1	2	AN1005.OUT 41 REPETS= 1
8	60	182.6	153.8	9	0	NA	NA	1.2	1	1	2	65	1	2	AN1005.OUT 42 REPETS= 1
9	60	183.3	153.2	10	0	NA	NA	1.2	1	1	2	65	1	2	AN1006.OUT 51 REPETS= 1
10	100	66.8	59	9	0	NA	NA	1.2	1	1	2	55	1	2	AN1007.OUT 61 REPETS= 1
11	60	94.3	15.9	9	0	NA	NA	1.2	1	1	2	55	1	2	AN1008.OUT 70 REPETS= 1
12	100	63.1	58.5	10	0	NA	NA	1.2	1	1	2	55	1	2	AN1009.OUT 79 REPETS= 1
13	150	64	151.3	1	1	165.5	275	1.2	1	1	2	60	1	2	AN1010.OUT 89 REPETS= 1
14	150	64	151.3	1	1	475	775	1.2	1	1	2	65	1	2	AN1010.OUT 90 REPETS= 2
15	150	64	151.3	1	1	475	1495	1.2	1	1	2	65	1	2	AN1010.OUT 91 REPETS= 2
16	150	64	151.3	7	0	NA	NA	1.2	1	1	2	65	1	2	AN1010.OUT 92 REPETS= 2
17	100	62.6	59.3	10	0	NA	NA	1.2	1	1	2	55	1	2	AN1011.OUT 99 REPETS= 1
18	60	182.2	71.9	1	1	374	554	1.2	1	1	2	65	1	2	AN1012.OUT 109 REPETS= 1
19	60	182.2	71.9	1	1	374	524	1.2	1	1	2	65	1	2	AN1012.OUT 110 REPETS= 1
20	60	182.2	71.9	1	1	182.2	494	1.2	1	1	2	65	1	2	AN1012.OUT 111 REPETS= 1
21	60	182.2	71.9	7	0	NA	NA	1.2	1	1	2	65	1	2	AN1012.OUT 112 REPETS= 1
22	60	182.7	111.1	1	1	203.6	293.6	1.2	1	1	2	65	1	2	AN1013.OUT 119 REPETS= 1
23	60	182.7	111.1	1	1	323.8	444	1.2	1	1	2	65	1	2	AN1013.OUT 120 REPETS= 1
24	60	182.7	111.1	2	1	323.8	474	1.2	1	1	2	65	1	2	AN1013.OUT 121 REPETS= 1
25	60	182.7	111.1	6	0	NA	NA	1.2	1	1	2	65	1	2	AN1013.OUT 123 REPETS= 1
26	100	65.3	39.9	9	0	NA	NA	1.2	1	1	2	55	1	2	AN1014.OUT 129 REPETS= 1
27	120	64	90.3	1	1	64	154.1	1.2	1	1	2	55	1	2	AN1015.OUT 138 REPETS= 1
28	120	64	90.3	9	0	NA	NA	1.2	1	1	2	55	1	2	AN1015.OUT 139 REPETS= 1
29	100	34.3	2.8	10	0	NA	NA	1.2	1	1	2	50	1	2	AN1016.OUT 148 REPETS= 1
30	100	35.1	3.2	10	0	NA	NA	1.2	1	1	2	50	1	2	AN1017.OUT 158 REPETS= 1
31	120	63.7	90.2	10	0	NA	NA	1.2	1	1	2	55	1	2	AN1018.OUT 168 REPETS= 1
32	150	16.6	4.2	10	0	NA	NA	1.2	1	1	2	50	1	2	AN1019.OUT 178 REPETS= 1
33	150	18.9	4.1	10	0	NA	NA	1.2	1	1	2	50	1	2	AN1020.OUT 188

Prof. ID	Max Depth	BT	Asc. Time	Num. Dvrs	DCS	T1	T2	VO2	Work Type	Wet	Post.	temp	F/C	Dress	Data set notations
34	150	45.3	88.9	1	1	254	434	1.2	1	1	2	55	1	2	AN1021.OUT 198 REPETS= 1
35	150	45.3	88.9	9	0	NA	NA	1.2	1	1	2	55	1	2	AN1021.OUT 199 REPETS= 1
36	150	44.2	88.9	10	0	NA	NA	1.2	1	1	2	55	1	2	AN1022.OUT 208 REPETS= 1
37	60	68	2.3	9	0	NA	NA	1.2	1	1	2	50	1	2	AN1023.OUT 218 REPETS= 1
38	150	50.5	88.7	1	1	259	559	1.2	1	1	2	55	1	2	AN1024.OUT 227
39	150	50.5	88.7	8	0	NA	NA	1.2	1	1	2	55	1	2	AN1024.OUT 228 REPETS= 2
40	60	68.7	2	10	0	NA	NA	1.2	1	1	2	50	1	2	AN1025.OUT 236 REPETS= 1
41	60	68.6	1.7	10	0	NA	NA	1.2	1	1	2	50	1	2	AN1026.OUT 246 REPETS= 1
42	150	45.9	102	9	0	NA	NA	1.2	1	1	2	55	1	2	AN1027.OUT 256
43	150	44.8	100.5	9	0	NA	NA	1.2	1	1	2	55	1	2	AN1028.OUT 265
44	100	93.9	211.7	10	0	NA	NA	1.2	1	1	2	65	1	2	AN1029.OUT 274 REPETS= 1
45	100	93.3	211.5	9	0	NA	NA	1.2	1	1	2	65	1	2	AN1030.OUT 284 REPETS= 1
46	190	13.8	6.3	10	0	NA	NA	1.2	1	1	2	50	1	2	AN1031.OUT 293 REPETS= 1
47	190	43.1	238.4	1	1	311.5	461	1.2	1	1	2	65	1	2	AN1032.OUT 303 REPETS= 1
48	190	43.1	238.4	1	1	401	521	1.2	1	1	2	65	1	2	AN1032.OUT 304 REPETS= 1
49	190	43.1	238.4	8	0	NA	NA	1.2	1	1	2	65	1	2	AN1032.OUT 305 REPETS= 1
50	190	16	6.4	9	0	NA	NA	1.2	1	1	2	50	1	2	AN1033.OUT 313 REPETS= 1
51	120	27.8	3	9	0	NA	NA	1.2	1	1	2	50	1	2	AN1034.OUT 322 REPETS= 1
52	190	35.4	106.1	9	0	NA	NA	1.2	1	1	2	55	1	2	AN1035.OUT 331 REPETS= 1
53	120	28.2	4	10	0	NA	NA	1.2	1	1	2	50	1	2	AN1036.OUT 340 REPETS= 1
54	50	244	159.7	10	0	NA	NA	1.2	1	1	2	65	1	2	AN1037.OUT 350 REPETS= 1
55	190	36.8	103.3	10	0	NA	NA	1.2	1	1	2	55	1	2	AN1038.OUT 360 REPETS= 1
56	120	82.9	267.1	1	1	470	770	1.2	1	1	2	65	1	2	AN1039.OUT 370 REPETS= 1
57	120	82.9	267.1	1	1	470	2680	1.2	1	1	2	65	1	2	AN1039.OUT 371 REPETS= 1
58	120	82.9	267.1	8	0	NA	NA	1.2	1	1	2	65	1	2	AN1039.OUT 372 REPETS= 1
59	60	129.1	57.5	10	0	NA	NA	1.2	1	1	2	60	1	2	AN1040.OUT 380 REPETS= 1
60	120	72.9	212.7	1	1	72.9	287.6	1.2	1	1	2	65	1	2	AN1041.OUT 390 REPETS= 1
61	120	72.9	212.7	1	1	406	1246	1.2	1	1	2	65	1	2	AN1041.OUT 391 REPETS= 1
62	120	72.9	212.7	8	0	NA	NA	1.2	1	1	2	65	1	2	AN1041.OUT 392 REPETS= 1
63	50	243.1	160	10	0	NA	NA	1.2	1	1	2	65	1	2	AN1042.OUT 400 REPETS= 1
64	120	63.2	148.8	1	1	242	362	1.2	1	1	2	60	1	2	AN1045.OUT 410 REPETS= 1
65	120	63.2	148.8	9	0	NA	NA	1.2	1	1	2	60	1	2	AN1045.OUT 411 REPETS= 1
66	60	124.4	58.8	8	0	NA	NA	1.2	1	1	2	60	1	2	AN1048.OUT 420 REPETS= 1
67	150	42.6	104.1	1	1	88	146.7	1.2	1	1	2	55	1	2	AN2002.OUT 428 REPETS= 1
68	150	42.6	104.1	9	0	NA	NA	1.2	1	1	2	55	1	2	AN2002.OUT 429 REPETS= 1
69	120	64.2	154.1	9	0	NA	NA	1.2	1	1	2	60	1	2	AN2004.OUT 438 REPETS= 1
70	120	63.3	153.4	10	0	NA	NA	1.2	1	1	2	60	1	2	AN2005.OUT 447 REPETS= 1
71	150	44	97.9	1	0	NA	NA	1.2	1	1	2	55	1	2	AN2009.OUT 457 REPETS= 1

Prof. ID	Max Depth	BT	Asc. Time	Num. Dvrs	DCS	T1	T2	VO2	Work Type	Wet	Post.	temp	F/C	Dress	Data set notations
72	100	62.1	59.8	1	0	NA	NA	1.2	1	1	2	55	1	2	AN2010.OUT 458 REPETS= 1
73	100	65.9	69.8	1	1	65.9	155.7	1.2	1	1	2	55	1	2	AN2012.OUT 459 REPETS= 1
74	100	65.9	69.8	1	0	NA	NA	1.2	1	1	2	55	1	2	AN2012.OUT 460 REPETS= 1
75	100	33.7	3.7	1	1	47.4	77.4	1.2	1	1	2	50	1	2	AN2017.OUT 461 REPETS= 1
76	80	123.6	215.7	8	0	NA	NA	1.2	1	1	2	65	1	2	AN2018.OUT 462 REPETS= 1
77	100	33.2	4	1	1	33.2	42.2	1.2	1	1	2	50	1	2	AN2019.OUT 470 REPETS= 1
78	100	33.2	4	1	1	33.2	62.2	1.2	1	1	2	50	1	2	AN2019.OUT 471 REPETS= 1
79	100	33.2	4	1	1	33.2	77.2	1.2	1	1	2	50	1	2	AN2019.OUT 472 REPETS= 1
80	80	123	216.1	1	1	459	1299	1.2	1	1	2	65	1	2	AN2020.OUT 473 REPETS= 1
81	80	123	216.1	9	0	NA	NA	1.2	1	1	2	65	1	2	AN2020.OUT 474 REPETS= 1
82	80	41.3	2	1	0	NA	NA	1.2	1	1	2	50	1	2	AN3008.OUT 483 REPETS= 1

NMR94EOD

Prof. ID	Max Depth	BT	Asc. Time	Num. Dvrs	DCS	T1	T2	VO2	Work Type	Wet	Post.	temp	F/C	Dress	Data set notations
1	60	239.8	74.3	4	0	0	0	1	1	0	1	NA	NA	NA	EOD0B01
2	60	239.8	74.3	1	0	NA	NA	1	1	0	1	NA	NA	NA	EOD0B01
3	60	240.1	73.5	5	0	0	0	1	1	0	1	NA	NA	NA	EOD0B02
4	60	239.9	74.7	5	0	0	0	1	1	0	1	NA	NA	NA	EOD0B03
5	60	239.9	74.1	5	0	0	0	1	1	0	1	NA	NA	NA	EOD0B04
6	60	240	75.1	5	0	0	0	1	1	0	1	NA	NA	NA	EOD0B05
7	60	240	73.8	5	0	0	0	1	1	0	1	NA	NA	NA	EOD0B06
8	60	239.9	75.1	4	0	0	0	1	1	0	1	NA	NA	NA	EOD0B07
9	60	239.9	75.1	1	1	346.1	436.1	1	1	0	1	NA	NA	NA	EOD0B07
10	60	239.9	74.4	4	0	0	0	1	1	0	1	NA	NA	NA	EOD0B08
11	60	239.9	74.4	1	0.5	435.6	915.6	1	1	0	1	NA	NA	NA	EOD0B08
12	60	239.9	74.2	5	0	0	0	1	1	0	1	NA	NA	NA	EOD0B09
13	60	239.5	77.3	5	0	0	0	1	1	0	1	NA	NA	NA	EOD0B10
14	60	240	73	4	0	0	0	1	1	0	1	NA	NA	NA	EOD0B11
15	60	240	73	1	1	344.2	402.2	1	1	0	1	NA	NA	NA	EOD0B11
16	60	240	74.3	5	0	0	0	1	1	0	1	NA	NA	NA	EOD0B12
17	60	179.9	24	5	0	0	0	1	1	0	1	NA	NA	NA	EOD0A01
18	60	180	24.7	4	0	0	0	1	1	0	1	NA	NA	NA	EOD0A02
19	60	180	24.7	1	0	NA	NA	1	1	0	1	NA	NA	NA	EOD0A02
20	60	179.9	24	5	0	0	0	1	1	0	1	NA	NA	NA	EOD0A03
21	60	179.9	23.9	5	0	0	0	1	1	0	1	NA	NA	NA	EOD0A04

Prof. ID	Max Depth	BT	Asc. Time	Num. Dvrs	DCS	T1	T2	VO2	Work Type	Wet	Post.	temp	F/C	Dress	Data set notations
22	60	180	24.1	2	0	0	0	1	1	0	1	NA	NA	NA	EOD0A05
23	60	180	24.1	1	1	215.3	286.3	1	1	0	1	NA	NA	NA	EOD0A05
24	60	180	24.1	1	0.5	325.3	685.3	1	1	0	1	NA	NA	NA	EOD0A05
25	60	180	24.1	1	0.5	0	0	1	1	0	1	NA	NA	NA	EOD0A05
26	60	180.2	24	3	0	0	0	1	1	0	1	NA	NA	NA	EOD0A06
27	60	180.2	24	1	1	325.2	434.2	1	1	0	1	NA	NA	NA	EOD0A06
28	60	180.2	24	1	1	325.2	1225.2	1	1	0	1	NA	NA	NA	EOD0A06
29	60	179.9	24.2	4	0	0	0	1	1	0	1	NA	NA	NA	EOD0A07
30	60	179.9	24.2	1	0.5	325.4	1285.4	1	1	0	1	NA	NA	NA	EOD0A07
31	60	179.8	24.2	5	0	0	0	1	1	0	1	NA	NA	NA	EOD0A08
32	60	180	23.8	4	0	0	0	1	1	0	1	NA	NA	NA	EOD0A09
33	60	180	23.8	1	0.5	215	325	1	1	0	1	NA	NA	NA	EOD0A09
34	60	179.9	24	5	0	0	0	1	1	0	1	NA	NA	NA	EOD0A10
35	60	180	24.6	3	0	0	0	1	1	0	1	NA	NA	NA	EOD0A11
36	60	180	24.6	1	0	NA	NA	1	1	0	1	NA	NA	NA	EOD0A11
37	60	180	24.6	1	1	181.2	1456.8	1	1	0	1	NA	NA	NA	EOD0A11
38	60	180	24.1	5	0	0	0	1	1	0	1	NA	NA	NA	EOD0A12
39	150	59.9	47	3	0	0	0	1	1	0	1	NA	NA	NA	EOD0C01
40	150	59.9	47	1	1	138.2	225.2	1	1	0	1	NA	NA	NA	EOD0C01
41	150	59.9	47	1	1	228.2	378.2	1	1	0	1	NA	NA	NA	EOD0C01
42	150	60	48.3	3	0	0	0	1	1	0	1	NA	NA	NA	EOD0C02
43	150	60	48.3	1	1	106.9	146.4	1	1	0	1	NA	NA	NA	EOD0C02
44	150	60	48.3	1	1	106.9	139.4	1	1	0	1	NA	NA	NA	EOD0C02
45	150	59.9	63.3	1	0	0	0	1	1	0	1	NA	NA	NA	EOD1C01
46	150	59.9	63.3	1	1	244.4	964.4	1	1	0	1	NA	NA	NA	EOD1C01
47	150	59.9	63.3	1	0.5	244.4	1204.4	1	1	0	1	NA	NA	NA	EOD1C01
48	150	59.9	63.3	1	0.5	244.4	1564.4	1	1	0	1	NA	NA	NA	EOD1C01
49	150	59.9	63.3	1	0.5	244.4	1204.4	1	1	0	1	NA	NA	NA	EOD1C01
50	150	59.9	63.1	3	0	0	0	1	1	0	1	NA	NA	NA	EOD1C02
51	150	59.9	63.1	1	1	244.2	354.2	1	1	0	1	NA	NA	NA	EOD1C02
52	150	59.9	63.1	1	0.5	244.2	1564.2	1	1	0	1	NA	NA	NA	EOD1C02
53	150	55	102.5	3	0	0	0	1	1	0	1	NA	NA	NA	EOD2C01
54	150	55	102.5	1	1	278.8	1276.8	1	1	0	1	NA	NA	NA	EOD2C01
55	150	55	102.5	1	1	278.8	1511.8	1	1	0	1	NA	NA	NA	EOD2C01
56	150	54.9	101.4	5	0	0	0	1	1	0	1	NA	NA	NA	EOD2C02
57	150	54.9	102.8	4	0	0	0	1	1	0	1	NA	NA	NA	EOD2C03
58	150	54.9	102.8	1	1	169	279	1	1	0	1	NA	NA	NA	EOD2C03
59	150	55.1	101.9	4	0	0	0	1	1	0	1	NA	NA	NA	EOD2C04

Prof. ID	Max Depth	BT	Asc. Time	Num. Dvrs	DCS	T1	T2	VO2	Work Type	Wet	Post.	temp	F/C	Dress	Data set notations
60	150	55	102.1	4	0	0	0	1	1	0	1	NA	NA	NA	EOD2C05
61	150	55	102.1	1	1	278.3	1215.3	1	1	0	1	NA	NA	NA	EOD2C05
62	150	55	131.7	5	0	0	0	1	1	0	1	NA	NA	NA	EOD3C01
63	150	55	131.3	5	0	0	0	1	1	0	1	NA	NA	NA	EOD3C02
64	150	55	132.7	5	0	0	0	1	1	0	1	NA	NA	NA	EOD3C03
65	150	55	131.8	5	0	0	0	1	1	0	1	NA	NA	NA	EOD3C04
66	150	55	132.2	5	0	0	0	1	1	0	1	NA	NA	NA	EOD3C05
67	150	54.9	131.7	5	0	0	0	1	1	0	1	NA	NA	NA	EOD3C06
68	150	54.9	131.6	5	0	0	0	1	1	0	1	NA	NA	NA	EOD3C07
69	150	54.9	131.3	5	0	0	0	1	1	0	1	NA	NA	NA	EOD3C08
70	150	55	132.1	5	0	0	0	1	1	0	1	NA	NA	NA	EOD3C09
71	150	55	131.8	5	0	0	0	1	1	0	1	NA	NA	NA	EOD3C10
72	150	54.9	132	5	0	0	0	1	1	0	1	NA	NA	NA	EOD3C11
73	150	55	133.2	5	0	0	0	1	1	0	1	NA	NA	NA	EOD3C12
74	170	39.9	90.9	5	0	0	0	1	1	0	1	NA	NA	NA	EOD0D01
75	170	40	90.6	5	0	0	0	1	1	0	1	NA	NA	NA	EOD0D02
76	170	39.9	91.2	5	0	0	0	1	1	0	1	NA	NA	NA	EOD0D03
77	170	39.9	91.3	5	0	0	0	1	1	0	1	NA	NA	NA	EOD0D04
78	170	40	90.6	5	0	0	0	1	1	0	1	NA	NA	NA	EOD0D05
79	170	39.9	92.4	4	0	0	0	1	1	0	1	NA	NA	NA	EOD0D06
80	170	39.9	92.4	1	1	253.6	1295.6	1	1	0	1	NA	NA	NA	EOD0D06
81	170	39.9	91.2	5	0	0	0	1	1	0	1	NA	NA	NA	EOD0D07
82	170	40.1	91.2	5	0	0	0	1	1	0	1	NA	NA	NA	EOD0D08
83	170	39.9	91	5	0	0	0	1	1	0	1	NA	NA	NA	EOD0D09
84	170	40	90.3	5	0	0	0	1	1	0	1	NA	NA	NA	EOD0D10
85	170	39.9	91	5	0	0	0	1	1	0	1	NA	NA	NA	EOD0D11
86	170	40	92.3	5	0	0	0	1	1	0	1	NA	NA	NA	EOD0D12

EDU885M

Prof. ID	Max Depth	BT	Asc. Time	Num. Dvrs	DCS	T1	T2	VO2	Work Type	Wet	Post.	temp	F/C	Dress	Data set notations
1	100	66.4	47.8	9	0	NA	NA	1.2	1	1	2	55	1	2	AN1043.O 1 REPETS= 1
2	100	62.9	48.1	10	0	NA	NA	1.2	1	1	2	55	1	2	AN1044.O 10 REPETS= 1
3	150	35.6	35.1	9	0	NA	NA	1.2	1	1	2	50	1	2	AN1046.O 20 REPETS= 1
4	150	33.3	34.8	10	0	NA	NA	1.2	1	1	2	50	1	2	AN1047.O 29 REPETS= 1
5	100	65.3	48.2	8	0	NA	NA	1.2	1	1	2	55	1	2	AN2001.O 39 REPETS= 1
6	150	64.8	221.7	1	1	407	467	1.2	1	1	2	65	1	2	AN2003.O 47 REPETS= 1
7	150	64.8	221.7	1	1	317	437	1.2	1	1	2	65	1	2	AN2003.O 48 REPETS= 1
8	150	64.8	221.7	7	0	NA	NA	1.2	1	1	2	65	1	2	AN2003.O 49 REPETS= 1
9	150	47.3	86.8	8	0	NA	NA	1.2	1	1	2	55	1	2	AN2006.O 56 REPETS= 2
10	150	44.6	86.2	1	1	251	971	1.2	1	1	2	55	1	2	AN2007.O 64 REPETS= 1
11	150	44.6	86.2	1	1	251	1211	1.2	1	1	2	55	1	2	AN2007.O 65 REPETS= 1
12	150	44.6	86.2	7	0	NA	NA	1.2	1	1	2	55	1	2	AN2007.O 66 REPETS= 1
13	150	43.7	84.6	9	0	NA	NA	1.2	1	1	2	55	1	2	AN2008.O 73 REPETS= 1

A-30

EDU885S

Prof. ID	Max Depth	BT	Asc. Time	Num. Dvrs	DCS	T1	T2	VO2	Work Type	Wet	Post.	temp	F/C	Dress	Data set notations
1	100	93.2	125	9	0	NA	NA	1.2	1	1	2	60	1	2	*** [.EDURAW]AN2013.OUT;1
2	100	93.3	124.5	10	0	NA	NA	1.2	1	1	2	60	1	2	*** [.EDURAW]AN2014.OUT;1
3	150	43.2	64.6	9	0	NA	NA	1.2	1	1	2	55	1	2	*** [.EDURAW]AN2015.OUT;1
4	150	47.8	64.3	10	0	NA	NA	1.2	1	1	2	55	1	2	*** [.EDURAW]AN2016.OUT;1
5	80	52.5	1.2	9	0	NA	NA	1.2	1	1	2	65	1	2	*** [.EDURAW]AN3010.OUT;1
6	80	52.5	1.2	1	1	449	569	1.2	1	1	2	65	1	2	*** [.EDURAW]AN3010.OUT;1
7	80	63.1	1.2	8	0	NA	NA	1.2	1	1	2	65	1	2	*** [.EDURAW]AN3012.OUT;1
8	80	63.1	1.2	1	1	490	1210	1.2	1	1	2	65	1	2	*** [.EDURAW]AN3012.OUT;1
9	80	63.1	1.2	1	1	490	4690	1.2	1	1	2	65	1	2	*** [.EDURAW]AN3012.OUT;1
10	80	52.9	1.3	7	0	NA	NA	1.2	1	1	2	65	1	2	*** [.EDURAW]AN3014.OUT;1
11	80	52.9	1.3	1	1	374.4	464.4	1.2	1	1	2	65	1	2	*** [.EDURAW]AN3014.OUT;1
12	80	64.1	1.1	10	0	NA	NA	1.2	1	1	2	65	1	2	*** [.EDURAW]AN3016.OUT;1
13	60	123.2	34.2	9	0	NA	NA	1.2	1	1	2	55	1	2	*** [.EDURAW]AN3017.OUT;1
14	60	124.1	34	9	0	NA	NA	1.2	1	1	2	55	1	2	*** [.EDURAW]AN3018.OUT;1

EDU1180S

A-31

Prof. ID	Max Depth	BT	Asc. Time	Num. Dvrs	DCS	T1	T2	VO2	Work Type	Wet	Post.	temp	F/C	Dress	Data set notations
1	150	73.2	143.8	1	1	252	312	0.6	1	1	2	76	1	2	DIV361 1 REPETS= 1
2	150	73.2	143.8	1	1	252	327	0.6	1	1	2	76	1	2	DIV361 2 REPETS= 1
3	150	73.2	143.8	8	0	NA	NA	0.6	1	1	2	76	1	2	DIV361 3 REPETS= 1
4	149	79.3	176.7	1	1	381	681	0.6	1	1	2	76	1	2	DIV461 11 REPETS= 1
5	149	79.3	176.7	9	0	NA	NA	0.6	1	1	2	76	1	2	DIV461 12 REPETS= 1
6	150	73.2	140.8	10	0	NA	NA	0.6	1	1	2	76	1	2	DIV561 21 REPETS= 1
7	150	72.3	142.7	1	1	230	265	0.6	1	1	2	76	1	2	DIV562 31 REPETS= 1
8	150	72.3	142.7	1	1	340	700	0.6	1	1	2	76	1	2	DIV562 32 REPETS= 1
9	150	72.3	142.7	1	1	91.4	240	0.6	1	1	2	76	1	2	DIV562 33 REPETS= 1
10	150	72.3	142.7	7	0	NA	NA	0.6	1	1	2	76	1	2	DIV562 34 REPETS= 1
11	150	60	108	1	1	203	233	0.6	1	1	2	76	1	2	DIV571 41 REPETS= 1
12	150	60	108	1	1	293	593	0.6	1	1	2	76	1	2	DIV571 42 REPETS= 1
13	150	60	108	1	1	203	263	0.6	1	1	2	76	1	2	DIV571 43 REPETS= 1
14	150	60	108	7	0	NA	NA	0.6	1	1	2	76	1	2	DIV571 44 REPETS= 1
15	100	67.1	54.9	1	1	157	217	0.6	1	1	2	76	1	2	DIV581 51 REPETS= 1
16	100	67.1	54.9	9	0	NA	NA	0.6	1	1	2	76	1	2	DIV581 52 REPETS= 1
17	150	42.8	74.2	10	0	NA	NA	0.6	1	1	2	76	1	2	DIV591 61 REPETS= 1
18	150	37.7	72.3	10	0	NA	NA	0.6	1	1	2	76	1	2	DIV592 71 REPETS= 1
19	100	54.9	46.1	10	0	NA	NA	0.6	1	1	2	76	1	2	DIV5A1 81 REPETS= 1
20	100	67.8	46.2	10	0	NA	NA	0.6	1	1	2	76	1	2	DIV5A2 91 REPETS= 1
21	75	124.9	55.1	10	0	NA	NA	0.6	1	1	2	76	1	2	DIV5C1 101 REPETS= 1
22	75	126.2	54.8	10	0	NA	NA	0.6	1	1	2	76	1	2	DIV5C2 111 REPETS= 1

NMR8697

A-32

Prof. ID	Max Depth	BT	Asc. Time	Num. Dvrs	DCS	T1	T2	VO2	Work Type	Wet	Post.	temp	F/C	Dress	Data set notations
1	66	30	1.4	2	0	NA	NA	1.25	5	1	1	71	1	2	DRA4:[WEATHERSBY.DLE]8301
2	67	30	1.5	4	0	NA	NA	1.25	5	1	1	71	1	2	DRA4:[WEATHERSBY.DLE]8301
3	67	30	1.5	4	0	NA	NA	1.25	5	1	1	71	1	2	DRA4:[WEATHERSBY.DLE]8301
4	67	30	1.5	2	0	NA	NA	1.25	5	1	1	71	1	2	DRA4:[WEATHERSBY.DLE]8301
5	71	30	1.5	6	0	NA	NA	1.25	5	1	1	71	1	2	DRA4:[WEATHERSBY.DLE]8301
6	71	30	1.5	1	1	151.5	271.5	1.25	5	1	1	71	1	2	DRA4:[WEATHERSBY.DLE]8301
7	71	30	1.5	1	0.5	91.5	151.5	1.25	5	1	1	71	1	2	DRA4:[WEATHERSBY.DLE]8301
8	71	30	1.5	4	0	NA	NA	1.25	5	1	1	71	1	2	DRA4:[WEATHERSBY.DLE]8301
9	71	30	1.5	1	0.5	151.5	391.5	1.25	5	1	1	71	1	2	DRA4:[WEATHERSBY.DLE]8301
10	71	30	1.5	3	0	NA	NA	1.25	5	1	1	71	1	2	DRA4:[WEATHERSBY.DLE]8301
11	71	30	1.5	1	0	NA	NA	1.25	5	1	1	71	1	2	DRA4:[WEATHERSBY.DLE]8301
12	71	30	1.5	2	0	NA	NA	1.25	5	1	1	71	1	2	DRA4:[WEATHERSBY.DLE]8301
13	71	30	1.5	2	0	NA	NA	1.25	5	1	1	71	1	2	DRA4:[WEATHERSBY.DLE]8301
14	75	30	1.6	1	0	NA	NA	1.25	5	1	1	71	1	2	DRA4:[WEATHERSBY.DLE]8301
15	75	30	1.6	1	0.5	36.6	91.6	1.25	5	1	1	71	1	2	DRA4:[WEATHERSBY.DLE]8301
16	75	30	1.6	3	0	NA	NA	1.25	5	1	1	71	1	2	DRA4:[WEATHERSBY.DLE]8301
17	75	30	1.6	2	0	NA	NA	1.25	5	1	1	71	1	2	DRA4:[WEATHERSBY.DLE]8301
18	75	30	1.6	2	0	NA	NA	1.25	5	1	1	71	1	2	DRA4:[WEATHERSBY.DLE]8301
19	79	30	1.7	5	0	NA	NA	1.25	5	1	1	71	1	2	DRA4:[WEATHERSBY.DLE]8301
20	79	30	1.7	1	0	NA	NA	1.25	5	1	1	71	1	2	DRA4:[WEATHERSBY.DLE]8301
21	79	30	1.7	2	0	NA	NA	1.25	5	1	1	71	1	2	DRA4:[WEATHERSBY.DLE]8301
22	79	30	1.7	2	0	NA	NA	1.25	5	1	1	71	1	2	DRA4:[WEATHERSBY.DLE]8301
23	83	30	1.7	1	0	NA	NA	1.25	5	1	1	71	1	2	DRA4:[WEATHERSBY.DLE]8301
24	83	30	1.7	2	0	NA	NA	1.25	5	1	1	71	1	2	DRA4:[WEATHERSBY.DLE]8301
25	83	30	1.7	4	0	NA	NA	1.25	5	1	1	71	1	2	DRA4:[WEATHERSBY.DLE]8301
26	83	30	1.7	2	0	NA	NA	1.25	5	1	1	71	1	2	DRA4:[WEATHERSBY.DLE]8301
27	83	30	1.7	2	0	NA	NA	1.25	5	1	1	71	1	2	DRA4:[WEATHERSBY.DLE]8301
28	87	30	1.8	3	0	NA	NA	1.25	5	1	1	71	1	2	DRA4:[WEATHERSBY.DLE]8301
29	87	30	1.8	2	0	NA	NA	1.25	5	1	1	71	1	2	DRA4:[WEATHERSBY.DLE]8301
30	87	30	1.8	5	0	NA	NA	1.25	5	1	1	71	1	2	DRA4:[WEATHERSBY.DLE]8301
31	91	30	1.9	2	0	NA	NA	1.25	5	1	1	71	1	2	DRA4:[WEATHERSBY.DLE]8301
32	91	30	1.9	1	0	NA	NA	1.25	5	1	1	71	1	2	DRA4:[WEATHERSBY.DLE]8301
33	95	30	1.9	2	0	NA	NA	1.25	5	1	1	71	1	2	DRA4:[WEATHERSBY.DLE]8301
34	95	30	1.9	2	0	NA	NA	1.25	5	1	1	71	1	2	DRA4:[WEATHERSBY.DLE]8301
35	95	30	1.9	2	0	NA	NA	1.25	5	1	1	71	1	2	DRA4:[WEATHERSBY.DLE]8301
36	95	30	1.9	2	0	NA	NA	1.25	5	1	1	71	1	2	DRA4:[WEATHERSBY.DLE]8301

Prof. ID	Max Depth	BT	Asc. Time	Num. Dvrs	DCS	T1	T2	VO2	Work Type	Wet	Post.	temp	F/C	Dress	Data set notations
37	95	30	1.9	2	0	NA	NA	1.25	5	1	1	71	1	2	DRA4:[WEATHERSBY.DLE]8301
38	100	30	2	2	0	NA	NA	1.25	5	1	1	71	1	2	DRA4:[WEATHERSBY.DLE]8301
39	100	30	2	2	0	NA	NA	1.25	5	1	1	71	1	2	DRA4:[WEATHERSBY.DLE]8301
40	100	30	2	2	0	NA	NA	1.25	5	1	1	71	1	2	DRA4:[WEATHERSBY.DLE]8301
41	100	30	2	4	0	NA	NA	1.25	5	1	1	71	1	2	DRA4:[WEATHERSBY.DLE]8301
42	105	30	2.1	2	0	NA	NA	1.25	5	1	1	71	1	2	DRA4:[WEATHERSBY.DLE]8301
43	105	30	2.1	4	0	NA	NA	1.25	5	1	1	71	1	2	DRA4:[WEATHERSBY.DLE]8301
44	105	30	2.1	1	0.5	92.1	152.1	1.25	5	1	1	71	1	2	DRA4:[WEATHERSBY.DLE]8301
45	105	30	2.1	3	0	NA	NA	1.25	5	1	1	71	1	2	DRA4:[WEATHERSBY.DLE]8301
46	110	30	2.2	4	0	NA	NA	1.25	5	1	1	71	1	2	DRA4:[WEATHERSBY.DLE]8301
47	110	30	2.2	4	0	NA	NA	1.25	5	1	1	71	1	2	DRA4:[WEATHERSBY.DLE]8301
48	110	30	2.2	2	0	NA	NA	1.25	5	1	1	71	1	2	DRA4:[WEATHERSBY.DLE]8301
49	115	30	2.3	2	0	NA	NA	1.25	5	1	1	71	1	2	DRA4:[WEATHERSBY.DLE]8301
50	115	30	2.3	2	0	NA	NA	1.25	5	1	1	71	1	2	DRA4:[WEATHERSBY.DLE]8301
51	115	30	2.3	2	0	NA	NA	1.25	5	1	1	71	1	2	DRA4:[WEATHERSBY.DLE]8301
52	115	30	2.3	4	0	NA	NA	1.25	5	1	1	71	1	2	DRA4:[WEATHERSBY.DLE]8301
53	120	30	2.3	2	0	NA	NA	1.25	5	1	1	71	1	2	DRA4:[WEATHERSBY.DLE]8301
54	120	30	2.3	2	0	NA	NA	1.25	5	1	1	71	1	2	DRA4:[WEATHERSBY.DLE]8301
55	120	30	2.3	4	0	NA	NA	1.25	5	1	1	71	1	2	DRA4:[WEATHERSBY.DLE]8301
56	120	30	2.3	2	0	NA	NA	1.25	5	1	1	71	1	2	DRA4:[WEATHERSBY.DLE]8301
57	125	30	2.4	1	0	NA	NA	1.25	5	1	1	71	1	2	DRA4:[WEATHERSBY.DLE]8301
58	125	30	2.4	1	1	152.4	272.4	1.25	5	1	1	71	1	2	DRA4:[WEATHERSBY.DLE]8301
59	125	30	2.4	3	0	NA	NA	1.25	5	1	1	71	1	2	DRA4:[WEATHERSBY.DLE]8301
60	125	30	2.4	4	0	NA	NA	1.25	5	1	1	71	1	2	DRA4:[WEATHERSBY.DLE]8301
61	125	30	2.4	2	0	NA	NA	1.25	5	1	1	71	1	2	DRA4:[WEATHERSBY.DLE]8301
62	130	30	2.5	2	0	NA	NA	1.25	5	1	1	71	1	2	DRA4:[WEATHERSBY.DLE]8301
63	130	30	2.5	2	0	NA	NA	1.25	5	1	1	71	1	2	DRA4:[WEATHERSBY.DLE]8301
64	130	30	2.5	1	0	NA	NA	1.25	5	1	1	71	1	2	DRA4:[WEATHERSBY.DLE]8301
65	130	30	2.5	1	1	32.5	36.5	1.25	5	1	1	71	1	2	DRA4:[WEATHERSBY.DLE]8301
66	130	30	2.5	1	0	NA	NA	1.25	5	1	1	71	1	2	DRA4:[WEATHERSBY.DLE]8301
67	43	60	1	2	0	NA	NA	NA	NA	NA	NA	71	1	2	DRA4:[WEATHERSBY.DLE]8301
68	43	60	1	4	0	NA	NA	NA	NA	NA	NA	71	1	2	DRA4:[WEATHERSBY.DLE]8301
69	43	60	1	4	0	NA	NA	NA	NA	NA	NA	71	1	2	DRA4:[WEATHERSBY.DLE]8301
70	44	60	1.1	4	0	NA	NA	NA	NA	NA	NA	71	1	2	DRA4:[WEATHERSBY.DLE]8301
71	44	60	1.1	2	0	NA	NA	NA	NA	NA	NA	71	1	2	DRA4:[WEATHERSBY.DLE]8301
72	44	60	1.1	2	0	NA	NA	NA	NA	NA	NA	71	1	2	DRA4:[WEATHERSBY.DLE]8301
73	44	60	1.1	2	0	NA	NA	NA	NA	NA	NA	71	1	2	DRA4:[WEATHERSBY.DLE]8301
74	46	60	1.1	1	1	121.1	166.1	NA	NA	NA	NA	71	1	2	DRA4:[WEATHERSBY.DLE]8301

Prof. ID	Max Depth	BT	Asc. Time	Num. Dvrs	DCS	T1	T2	VO2	Work Type	Wet	Post.	temp	F/C	Dress	Data set notations
75	46	60	1.1	1	0	NA	NA	NA	NA	NA	NA	71	1	2	DRA4:[WEATHERSBY.DLE]8301
76	46	60	1.1	1	1	181.1	781.1	NA	NA	NA	NA	71	1	2	DRA4:[WEATHERSBY.DLE]8301
77	46	60	1.1	3	0	NA	NA	NA	NA	NA	NA	71	1	2	DRA4:[WEATHERSBY.DLE]8301
78	46	60	1.1	2	0	NA	NA	NA	NA	NA	NA	71	1	2	DRA4:[WEATHERSBY.DLE]8301
79	46	60	1.1	2	0	NA	NA	NA	NA	NA	NA	71	1	2	DRA4:[WEATHERSBY.DLE]8301
80	47	60	1.1	2	0	NA	NA	NA	NA	NA	NA	71	1	2	DRA4:[WEATHERSBY.DLE]8301
81	47	60	1.1	4	0	NA	NA	NA	NA	NA	NA	71	1	2	DRA4:[WEATHERSBY.DLE]8301
82	47	60	1.1	3	0	NA	NA	NA	NA	NA	NA	71	1	2	DRA4:[WEATHERSBY.DLE]8301
83	47	60	1.1	2	0	NA	NA	NA	NA	NA	NA	71	1	2	DRA4:[WEATHERSBY.DLE]8301
84	50	60	1.2	6	0	NA	NA	1.25	5	1	1	71	1	2	DRA4:[WEATHERSBY.DLE]8301
85	50	60	1.2	2	0	NA	NA	1.25	5	1	1	71	1	2	DRA4:[WEATHERSBY.DLE]8301
86	50	60	1.2	2	0	NA	NA	1.25	5	1	1	71	1	2	DRA4:[WEATHERSBY.DLE]8301
87	53	60	1.2	3	0	NA	NA	1.25	5	1	1	71	1	2	DRA4:[WEATHERSBY.DLE]8301
88	53	60	1.2	2	0	NA	NA	1.25	5	1	1	71	1	2	DRA4:[WEATHERSBY.DLE]8301
89	53	60	1.2	4	0	NA	NA	1.25	5	1	1	71	1	2	DRA4:[WEATHERSBY.DLE]8301
90	53	60	1.2	1	0	NA	NA	1.25	5	1	1	71	1	2	DRA4:[WEATHERSBY.DLE]8301
91	56	60	1.3	2	0	NA	NA	1.25	5	1	1	71	1	2	DRA4:[WEATHERSBY.DLE]8301
92	56	60	1.3	2	0	NA	NA	1.25	5	1	1	71	1	2	DRA4:[WEATHERSBY.DLE]8301
93	56	60	1.3	2	0	NA	NA	1.25	5	1	1	71	1	2	DRA4:[WEATHERSBY.DLE]8301
94	56	60	1.3	1	0.5	181.3	421.3	1.25	5	1	1	71	1	2	DRA4:[WEATHERSBY.DLE]8301
95	56	60	1.3	1	0	NA	NA	1.25	5	1	1	71	1	2	DRA4:[WEATHERSBY.DLE]8301
96	56	60	1.3	2	0	NA	NA	1.25	5	1	1	71	1	2	DRA4:[WEATHERSBY.DLE]8301
97	59	60	1.3	1	0	NA	NA	1.25	5	1	1	71	1	2	DRA4:[WEATHERSBY.DLE]8301
98	59	60	1.3	1	0.5	121.3	181.3	1.25	5	1	1	71	1	2	DRA4:[WEATHERSBY.DLE]8301
99	59	60	1.3	2	0	NA	NA	1.25	5	1	1	71	1	2	DRA4:[WEATHERSBY.DLE]8301
100	59	60	1.3	1	0	NA	NA	1.25	5	1	1	71	1	2	DRA4:[WEATHERSBY.DLE]8301
101	59	60	1.3	1	0	NA	NA	1.25	5	1	1	71	1	2	DRA4:[WEATHERSBY.DLE]8301
102	59	60	1.3	2	0	NA	NA	1.25	5	1	1	71	1	2	DRA4:[WEATHERSBY.DLE]8301
103	72	60	1.5	2	0	NA	NA	1.25	5	1	1	71	1	2	DRA4:[WEATHERSBY.DLE]8301
104	72	60	1.5	2	0	NA	NA	1.25	5	1	1	71	1	2	DRA4:[WEATHERSBY.DLE]8301
105	72	60	1.5	1	0.5	181.5	301.5	1.25	5	1	1	71	1	2	DRA4:[WEATHERSBY.DLE]8301
106	72	60	1.5	1	0	NA	NA	1.25	5	1	1	71	1	2	DRA4:[WEATHERSBY.DLE]8301
107	72	60	1.5	2	0	NA	NA	1.25	5	1	1	71	1	2	DRA4:[WEATHERSBY.DLE]8301
108	72	60	1.5	2	0	NA	NA	1.25	5	1	1	71	1	2	DRA4:[WEATHERSBY.DLE]8301
109	72	60	1.5	2	0	NA	NA	1.25	5	1	1	71	1	2	DRA4:[WEATHERSBY.DLE]8301
110	76	60	1.6	2	0	NA	NA	1.25	5	1	1	71	1	2	DRA4:[WEATHERSBY.DLE]8301
111	76	60	1.6	2	0	NA	NA	1.25	5	1	1	71	1	2	DRA4:[WEATHERSBY.DLE]8301
112	76	60	1.6	2	0	NA	NA	1.25	5	1	1	71	1	2	DRA4:[WEATHERSBY.DLE]8301

Prof. ID	Max Depth	BT	Asc. Time	Num. Dvrs	DCS	T1	T2	VO2	Work Type	Wet	Post.	temp	F/C	Dress	Data set notations
113	76	60	1.6	2	0	NA	NA	1.25	5	1	1	71	1	2	DRA4:[WEATHERSBY.DLE]8301
114	76	60	1.6	2	0	NA	NA	1.25	5	1	1	71	1	2	DRA4:[WEATHERSBY.DLE]8301
115	80	60	1.7	2	0	NA	NA	1.25	5	1	1	71	1	2	DRA4:[WEATHERSBY.DLE]8301
116	80	60	1.7	1	0.5	181.7	421.7	1.25	5	1	1	71	1	2	DRA4:[WEATHERSBY.DLE]8301
117	80	60	1.7	1	0	NA	NA	1.25	5	1	1	71	1	2	DRA4:[WEATHERSBY.DLE]8301
118	80	60	1.7	1	0	NA	NA	1.25	5	1	1	71	1	2	DRA4:[WEATHERSBY.DLE]8301
119	80	60	1.7	1	0.5	66.7	81.7	1.25	5	1	1	71	1	2	DRA4:[WEATHERSBY.DLE]8301
120	80	60	1.7	2	0	NA	NA	1.25	5	1	1	71	1	2	DRA4:[WEATHERSBY.DLE]8301
121	80	60	1.7	2	0	NA	NA	1.25	5	1	1	71	1	2	DRA4:[WEATHERSBY.DLE]8301
122	84	60	1.7	2	0	NA	NA	1.25	5	1	1	71	1	2	DRA4:[WEATHERSBY.DLE]8301
123	84	60	1.7	4	0	NA	NA	1.25	5	1	1	71	1	2	DRA4:[WEATHERSBY.DLE]8301
124	84	60	1.7	2	0	NA	NA	1.25	5	1	1	71	1	2	DRA4:[WEATHERSBY.DLE]8301
125	84	60	1.7	2	0	NA	NA	1.25	5	1	1	71	1	2	DRA4:[WEATHERSBY.DLE]8301
126	88	60	1.8	1	0.5	66.8	81.8	1.25	5	1	1	71	1	2	DRA4:[WEATHERSBY.DLE]8301
127	88	60	1.8	1	0	NA	NA	1.25	5	1	1	71	1	2	DRA4:[WEATHERSBY.DLE]8301
128	88	60	1.8	2	0	NA	NA	1.25	5	1	1	71	1	2	DRA4:[WEATHERSBY.DLE]8301
129	88	60	1.8	2	0	NA	NA	1.25	5	1	1	71	1	2	DRA4:[WEATHERSBY.DLE]8301
130	88	60	1.8	2	0	NA	NA	1.25	5	1	1	71	1	2	DRA4:[WEATHERSBY.DLE]8301
131	88	60	1.8	1	0	NA	NA	1.25	5	1	1	71	1	2	DRA4:[WEATHERSBY.DLE]8301
132	88	60	1.8	1	1	181.8	241.8	1.25	5	1	1	71	1	2	DRA4:[WEATHERSBY.DLE]8301
133	88	60	1.8	2	0	NA	NA	1.25	5	1	1	71	1	2	DRA4:[WEATHERSBY.DLE]8301
134	88	60	1.8	3	0	NA	NA	1.25	5	1	1	71	1	2	DRA4:[WEATHERSBY.DLE]8301
135	88	60	1.8	2	0	NA	NA	1.25	5	1	1	71	1	2	DRA4:[WEATHERSBY.DLE]8301
136	88	60	1.8	2	0	NA	NA	1.25	5	1	1	71	1	2	DRA4:[WEATHERSBY.DLE]8301
137	92	60	1.9	1	0	NA	NA	1.25	5	1	1	71	1	2	DRA4:[WEATHERSBY.DLE]8301
138	92	60	1.9	2	0	NA	NA	1.25	5	1	1	71	1	2	DRA4:[WEATHERSBY.DLE]8301
139	92	60	1.9	2	0	NA	NA	1.25	5	1	1	71	1	2	DRA4:[WEATHERSBY.DLE]8301
140	92	60	1.9	2	0	NA	NA	1.25	5	1	1	71	1	2	DRA4:[WEATHERSBY.DLE]8301
141	92	60	1.9	2	0	NA	NA	1.25	5	1	1	71	1	2	DRA4:[WEATHERSBY.DLE]8301
142	96	60	1.9	1	0	NA	NA	1.25	5	1	1	71	1	2	DRA4:[WEATHERSBY.DLE]8301
143	96	60	1.9	1	1	66.9	81.9	1.25	5	1	1	71	1	2	DRA4:[WEATHERSBY.DLE]8301
144	96	60	1.9	2	0	NA	NA	1.25	5	1	1	71	1	2	DRA4:[WEATHERSBY.DLE]8301
145	96	60	1.9	1	0	NA	NA	1.25	5	1	1	71	1	2	DRA4:[WEATHERSBY.DLE]8301
146	96	60	1.9	2	0	NA	NA	1.25	5	1	1	71	1	2	DRA4:[WEATHERSBY.DLE]8301
147	96	60	1.9	2	0	NA	NA	1.25	5	1	1	71	1	2	DRA4:[WEATHERSBY.DLE]8301
148	96	60	1.9	1	0	NA	NA	1.25	5	1	1	71	1	2	DRA4:[WEATHERSBY.DLE]8301
149	96	60	1.9	2	0	NA	NA	1.25	5	1	1	71	1	2	DRA4:[WEATHERSBY.DLE]8301
150	25	240.2	0.6	2	0	NA	NA	NA	NA	NA	NA	71	1	2	DRA4:[WEATHERSBY.DLE]8301

Prof. ID	Max Depth	BT	Asc. Time	Num. Dvrs	DCS	T1	T2	VO2	Work Type	Wet	Post.	temp	F/C	Dress	Data set notations
151	25	240.2	0.6	4	0	NA	NA	NA	NA	NA	NA	71	1	2	DRA4:[WEATHERSBY.DLE]8301
152	25	240.2	0.6	2	0	NA	NA	NA	NA	NA	NA	71	1	2	DRA4:[WEATHERSBY.DLE]8301
153	25	240.2	0.6	2	0	NA	NA	NA	NA	NA	NA	71	1	2	DRA4:[WEATHERSBY.DLE]8301
154	27	240.2	0.6	2	0	NA	NA	NA	NA	NA	NA	71	1	2	DRA4:[WEATHERSBY.DLE]8301
155	27	240.2	0.6	4	0	NA	NA	NA	NA	NA	NA	71	1	2	DRA4:[WEATHERSBY.DLE]8301
156	27	240.2	0.6	2	0	NA	NA	NA	NA	NA	NA	71	1	2	DRA4:[WEATHERSBY.DLE]8301
157	27	240.2	0.6	2	0	NA	NA	NA	NA	NA	NA	71	1	2	DRA4:[WEATHERSBY.DLE]8301
158	29	240.2	0.6	2	0	NA	NA	NA	NA	NA	NA	71	1	2	DRA4:[WEATHERSBY.DLE]8301
159	29	240.2	0.6	2	0	NA	NA	NA	NA	NA	NA	71	1	2	DRA4:[WEATHERSBY.DLE]8301
160	29	240.2	0.6	2	0	NA	NA	NA	NA	NA	NA	71	1	2	DRA4:[WEATHERSBY.DLE]8301
161	29	240.2	0.6	1	0	NA	NA	NA	NA	NA	NA	71	1	2	DRA4:[WEATHERSBY.DLE]8301
162	29	240.2	0.6	1	1	360.8	660.8	NA	NA	NA	NA	71	1	2	DRA4:[WEATHERSBY.DLE]8301
163	29	240.2	0.6	2	0	NA	NA	NA	NA	NA	NA	71	1	2	DRA4:[WEATHERSBY.DLE]8301
164	31	240.2	0.7	2	0	NA	NA	NA	NA	NA	NA	71	1	2	DRA4:[WEATHERSBY.DLE]8301
165	31	240.2	0.7	2	0	NA	NA	NA	NA	NA	NA	71	1	2	DRA4:[WEATHERSBY.DLE]8301
166	31	240.2	0.7	2	0	NA	NA	NA	NA	NA	NA	71	1	2	DRA4:[WEATHERSBY.DLE]8301
167	31	240.2	0.7	2	0	NA	NA	NA	NA	NA	NA	71	1	2	DRA4:[WEATHERSBY.DLE]8301
168	31	240.2	0.7	2	0	NA	NA	NA	NA	NA	NA	71	1	2	DRA4:[WEATHERSBY.DLE]8301
169	33	240.2	0.7	5	0	NA	NA	NA	NA	NA	NA	71	1	2	DRA4:[WEATHERSBY.DLE]8301
170	33	240.2	0.7	1	0	NA	NA	NA	NA	NA	NA	71	1	2	DRA4:[WEATHERSBY.DLE]8301
171	33	240.2	0.7	1	0	NA	NA	NA	NA	NA	NA	71	1	2	DRA4:[WEATHERSBY.DLE]8301
172	33	240.2	0.7	1	0	NA	NA	NA	NA	NA	NA	71	1	2	DRA4:[WEATHERSBY.DLE]8301
173	33	240.2	0.7	1	1	360.9	600.9	NA	NA	NA	NA	71	1	2	DRA4:[WEATHERSBY.DLE]8301
174	33	240.2	0.7	2	0	NA	NA	NA	NA	NA	NA	71	1	2	DRA4:[WEATHERSBY.DLE]8301
175	34	240.2	0.7	4	0	NA	NA	NA	NA	NA	NA	71	1	2	DRA4:[WEATHERSBY.DLE]8301
176	34	240.2	0.7	1	0.5	300.9	360.9	NA	NA	NA	NA	71	1	2	DRA4:[WEATHERSBY.DLE]8301
177	34	240.2	0.7	1	0	NA	NA	NA	NA	NA	NA	71	1	2	DRA4:[WEATHERSBY.DLE]8301
178	34	240.2	0.7	2	0	NA	NA	NA	NA	NA	NA	71	1	2	DRA4:[WEATHERSBY.DLE]8301
179	34	240.2	0.7	1	0	NA	NA	NA	NA	NA	NA	71	1	2	DRA4:[WEATHERSBY.DLE]8301
180	34	240.2	0.7	1	0.5	300.9	360.9	NA	NA	NA	NA	71	1	2	DRA4:[WEATHERSBY.DLE]8301
181	35	240.2	0.7	1	0.5	245.9	300.9	NA	NA	NA	NA	71	1	2	DRA4:[WEATHERSBY.DLE]8301
182	35	240.2	0.7	1	0	NA	NA	NA	NA	NA	NA	71	1	2	DRA4:[WEATHERSBY.DLE]8301
183	35	240.2	0.7	4	0	NA	NA	NA	NA	NA	NA	71	1	2	DRA4:[WEATHERSBY.DLE]8301
184	35	240.2	0.7	1	1	245.9	300.9	NA	NA	NA	NA	71	1	2	DRA4:[WEATHERSBY.DLE]8301
185	36	240.2	0.7	2	0	NA	NA	NA	NA	NA	NA	71	1	2	DRA4:[WEATHERSBY.DLE]8301
186	36	240.2	0.7	1	0.5	300.9	390.9	NA	NA	NA	NA	71	1	2	DRA4:[WEATHERSBY.DLE]8301
187	36	240.2	0.7	1	0	NA	NA	NA	NA	NA	NA	71	1	2	DRA4:[WEATHERSBY.DLE]8301
188	36	240.2	0.7	3	0	NA	NA	NA	NA	NA	NA	71	1	2	DRA4:[WEATHERSBY.DLE]8301

Prof. ID	Max Depth	BT	Asc. Time	Num. Dvrs	DCS	T1	T2	VO2	Work Type	Wet	Post.	temp	F/C	Dress	Data set notations
189	36	240.2	0.7	2	0	NA	NA	NA	NA	NA	NA	71	1	2	DRA4:[WEATHERSBY.DLE]8301
190	36	240.2	0.7	2	0	NA	NA	NA	NA	NA	NA	71	1	2	DRA4:[WEATHERSBY.DLE]8301
191	38	240.2	0.8	2	0	NA	NA	NA	NA	NA	NA	71	1	2	DRA4:[WEATHERSBY.DLE]8301
192	50	240	1.2	2	0	NA	NA	1.25	5	1	1	71	1	2	DRA4:[WEATHERSBY.DLE]8301
193	50	240	1.2	1	1	361.2	601.2	1.25	5	1	1	71	1	2	DRA4:[WEATHERSBY.DLE]8301
194	50	240	1.2	5	0	NA	NA	1.25	5	1	1	71	1	2	DRA4:[WEATHERSBY.DLE]8301
195	50	240	1.2	4	0	NA	NA	1.25	5	1	1	71	1	2	DRA4:[WEATHERSBY.DLE]8301
196	50	240	1.2	2	0	NA	NA	1.25	5	1	1	71	1	2	DRA4:[WEATHERSBY.DLE]8301
197	50	240	1.2	4	0	NA	NA	1.25	5	1	1	71	1	2	DRA4:[WEATHERSBY.DLE]8301
198	50	240	1.2	2	0	NA	NA	1.25	5	1	1	71	1	2	DRA4:[WEATHERSBY.DLE]8301
199	54	240	1.2	2	0	NA	NA	1.25	5	1	1	71	1	2	DRA4:[WEATHERSBY.DLE]8301
200	54	240	1.2	2	0	NA	NA	1.25	5	1	1	71	1	2	DRA4:[WEATHERSBY.DLE]8301
201	54	240	1.2	2	0	NA	NA	1.25	5	1	1	71	1	2	DRA4:[WEATHERSBY.DLE]8301
202	54	240	1.2	2	0	NA	NA	1.25	5	1	1	71	1	2	DRA4:[WEATHERSBY.DLE]8301
203	54	240	1.2	2	0	NA	NA	1.25	5	1	1	71	1	2	DRA4:[WEATHERSBY.DLE]8301
204	58	240	1.3	2	0	NA	NA	1.25	5	1	1	71	1	2	DRA4:[WEATHERSBY.DLE]8301
205	58	240	1.3	2	0	NA	NA	1.25	5	1	1	71	1	2	DRA4:[WEATHERSBY.DLE]8301
206	58	240	1.3	4	0	NA	NA	1.25	5	1	1	71	1	2	DRA4:[WEATHERSBY.DLE]8301
207	58	240	1.3	1	0	NA	NA	1.25	5	1	1	71	1	2	DRA4:[WEATHERSBY.DLE]8301
208	58	240	1.3	1	0.5	301.3	361.3	1.25	5	1	1	71	1	2	DRA4:[WEATHERSBY.DLE]8301
209	62	240	1.4	2	0	NA	NA	1.25	5	1	1	71	1	2	DRA4:[WEATHERSBY.DLE]8301
210	62	240	1.4	4	0	NA	NA	1.25	5	1	1	71	1	2	DRA4:[WEATHERSBY.DLE]8301
211	62	240	1.4	2	0	NA	NA	1.25	5	1	1	71	1	2	DRA4:[WEATHERSBY.DLE]8301
212	62	240	1.4	2	0	NA	NA	1.25	5	1	1	71	1	2	DRA4:[WEATHERSBY.DLE]8301
213	66	240	1.4	4	0	NA	NA	1.25	5	1	1	71	1	2	DRA4:[WEATHERSBY.DLE]8301
214	66	240	1.4	2	0	NA	NA	1.25	5	1	1	71	1	2	DRA4:[WEATHERSBY.DLE]8301
215	66	240	1.4	2	0	NA	NA	1.25	5	1	1	71	1	2	DRA4:[WEATHERSBY.DLE]8301
216	66	240	1.4	2	0	NA	NA	1.25	5	1	1	71	1	2	DRA4:[WEATHERSBY.DLE]8301
217	70	240	1.5	2	0	NA	NA	1.25	5	1	1	71	1	2	DRA4:[WEATHERSBY.DLE]8301
218	70	240	1.5	2	0	NA	NA	1.25	5	1	1	71	1	2	DRA4:[WEATHERSBY.DLE]8301
219	70	240	1.5	2	0	NA	NA	1.25	5	1	1	71	1	2	DRA4:[WEATHERSBY.DLE]8301
220	70	240	1.5	2	0	NA	NA	1.25	5	1	1	71	1	2	DRA4:[WEATHERSBY.DLE]8301
221	70	240	1.5	1	0.5	301.5	361.5	1.25	5	1	1	71	1	2	DRA4:[WEATHERSBY.DLE]8301
222	70	240	1.5	1	0	NA	NA	1.25	5	1	1	71	1	2	DRA4:[WEATHERSBY.DLE]8301
223	74	240	1.6	1	0.5	361.6	451.6	1.25	5	1	1	71	1	2	DRA4:[WEATHERSBY.DLE]8301
224	74	240	1.6	1	0	NA	NA	1.25	5	1	1	71	1	2	DRA4:[WEATHERSBY.DLE]8301
225	74	240	1.6	1	0	NA	NA	1.25	5	1	1	71	1	2	DRA4:[WEATHERSBY.DLE]8301
226	74	240	1.6	1	0.5	361.6	601.6	1.25	5	1	1	71	1	2	DRA4:[WEATHERSBY.DLE]8301

Prof. ID	Max Depth	BT	Asc. Time	Num. Dvrs	DCS	T1	T2	VO2	Work Type	Wet	Post.	temp	F/C	Dress	Data set notations
227	74	240	1.6	3	0	NA	NA	1.25	5	1	1	71	1	2	DRA4:[WEATHERSBY.DLE]8301
228	74	240	1.6	2	0	NA	NA	1.25	5	1	1	71	1	2	DRA4:[WEATHERSBY.DLE]8301
229	74	240	1.6	2	0	NA	NA	1.25	5	1	1	71	1	2	DRA4:[WEATHERSBY.DLE]8301

NSM6HR

Prof. ID	Max Depth	BT	Asc. Time	Num. Dvrs	DCS	T1	T2	VO2	Work Type	Wet	Post.	temp	F/C	Dress	Data set notations
1	28	360	3	3	0	NA	NA	1.5	1	0	1	NA	NA	NA	nsm890214
2	28	360	3	3	0	NA	NA	1.5	1	0	1	NA	NA	NA	nsm890307
3	28	360	3	4	0	NA	NA	1.5	1	0	1	NA	NA	NA	nsm890323
4	32	360	1.3	6	0	NA	NA	1.5	1	0	1	NA	NA	NA	nsm890410
5	32	360	1.3	5	0	NA	NA	1.5	1	0	1	NA	NA	NA	nsm890511
6	36	360	1.4	4	0	NA	NA	1.5	1	0	1	NA	NA	NA	nsm890920
7	36	360	1.4	3	0	NA	NA	1.5	1	0	1	NA	NA	NA	nsm891004
8	36	360	1.9	4	0	NA	NA	1.5	1	0	1	NA	NA	NA	nsm891019
9	38	360	0.67	3	0	NA	NA	1.5	1	0	1	NA	NA	NA	nsm911015
10	38	360	0.67	1	0.5	480.67	960.67	1.5	1	0	1	NA	NA	NA	nsm911015
11	38	360	1.1	3	0	NA	NA	1.5	1	0	1	NA	NA	NA	nsm911017
12	38	359	0.8	2	0	NA	NA	1.5	1	0	1	NA	NA	NA	nsm911203
13	38	359	0.8	1	1	480.8	4260.8	1.5	1	0	1	NA	NA	NA	nsm911203
14	40	360	1.53	4	0	NA	NA	1.5	1	0	1	NA	NA	NA	nsm910205
15	40	360	0.9	2	0	NA	NA	1.5	1	0	1	NA	NA	NA	nsm910221
16	40	360	0.9	1	1	370.9	425.9	1.5	1	0	1	NA	NA	NA	nsm910221
17	40	360	0.7	6	0	NA	NA	1.5	1	0	1	NA	NA	NA	nsm910314
18	40	360	0.7	1	1	360	580	1.5	1	0	1	NA	NA	NA	nsm910821
19	40	360	0.7	1	0.5	480.7	1480.7	1.5	1	0	1	NA	NA	NA	nsm910821

A-39

Prof. ID	Max Depth	BT	Asc. Time	Num. Dvrs	DCS	T1	T2	VO2	Work Type	Wet	Post.	temp	F/C	Dress	Data set notations
1	25.5	2880	1.3	2	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	MINISAT-1
2	25.5	2880	1.3	13	0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	MINISAT-1 (fatigue)
3	25.5	2880	1.3	1	0.5	3001	3601	NA	NA	NA	NA	NA	NA	NA	MINISAT-1 (niggles)
4	25.5	2880	1.3	1	0.5	2891	2911	NA	NA	NA	NA	NA	NA	NA	MINISAT-1 (niggles)
5	25.5	2880	1.3	2	0.5	3001	3180	NA	NA	NA	NA	NA	NA	NA	MINISAT-1 (niggles)
6	29.5	2880	1.4	8	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	MINISAT-2
7	29.5	2880	1.4	1	1	2911	2946	NA	NA	NA	NA	NA	NA	NA	MINISAT-2
8	29.5	2880	1.4	1	1	2911	2961	NA	NA	NA	NA	NA	NA	NA	MINISAT-2
9	29.5	2880	1.4	1	1	2911	2971	NA	NA	NA	NA	NA	NA	NA	MINISAT-2
10	29.5	2880	1.4	1	1	2911	3031	NA	NA	NA	NA	NA	NA	NA	MINISAT-2
11	29.5	2880	1.4	1	0.5	2911	3031	NA	NA	NA	NA	NA	NA	NA	MINISAT-2 (niggles)
12	29.5	2880	1.4	1	0.5	3001	3241	NA	NA	NA	NA	NA	NA	NA	MINISAT-2 (niggles)
13	29.5	2880	1.4	1	0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	MINISAT-2 (fatigue)
14	60	10320	1200	10	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	AIRSAT-1+LAST EXCURS
15	60	10320	1200	1	1	10579	11299	NA	NA	NA	NA	NA	NA	NA	AIRSAT-1+LAST EXCURS
16	60	11760	1200	11	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	AIRSAT-2 + LAST EXCURS
17	60	11760	1200	1	0.5	12420	13140	NA	NA	NA	NA	NA	NA	NA	AIRSAT-2 + LAST EXCURS
18	132	7205	3094	3	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	AIRSAT-3A+last 198' excurs
19	132	7203	3094	1	1	9455	10175	NA	NA	NA	NA	NA	NA	NA	AIRSAT-3B+last 198 excurs
20	132	7203	3094	2	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	AIRSAT-3B+last 198 excurs
21	132	7204	3094.2	3	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	AIRSAT-3C+ last 198 excurs
22	132	6944	3094.02	1	1	9213	9933	NA	NA	NA	NA	NA	NA	NA	AIRSAT-3D + last 198 excur
23	132	6944	3094.02	1	1	9758	10478	NA	NA	NA	NA	NA	NA	NA	AIRSAT-3D + last 198 excur
24	132	6944	3094.02	1	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	AIRSAT-3D + last 198 excur
25	132	3600	3908	11	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	AIRSAT4A-D
26	132	3600	3908	1	1	6609	7329	NA	NA	NA	NA	NA	NA	NA	AIRSAT4D-D
27	132	3600	3908	3	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	AIRSAT4E
28	132	3600.28	3907.74	3	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	AIRSAT4F
29	111	2880	4010	6	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	AIRSAT-5A
30	111	2880	3710	6	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	AIRSAT-5C
31	111	2880	3710	1	1	2880	3175	NA	NA	NA	NA	NA	NA	NA	AIRSAT-5F
32	111	2880	5820	2	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	AIRSAT-5D
33	111	2880	5820	1	1	4631	5351	NA	NA	NA	NA	NA	NA	NA	AIRSAT-5D
34	111	2880	2.9	3	1	2880	3210	NA	NA	NA	NA	NA	NA	NA	AIRSAT-5E(TRUNC)
35	111	2880	5630	1	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	AIRSAT-5G
36	111	2880	5630	2	1	2880	3009	NA	NA	NA	NA	NA	NA	NA	AIRSAT-5G(TRUNC 60)

Prof. ID	Max Depth	BT	Asc. Time	Num. Dvrs	DCS	T1	T2	VO2	Work Type	Wet	Post.	temp	F/C	Dress	Data set notations
37	111	2880	5630	1	1	5808	6528	NA	NA	NA	NA	NA	NA	NA	AIRSAT-5G(TRUNC SH)
38	111	2880.66	3860	2	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	AIRSAT-5H
39	111	2880	5426.83	2	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	AIRSAT-5I
40	111	2880	5426.83	1	1	5252	5972	NA	NA	NA	NA	NA	NA	NA	AIRSAT-5I
41	111	2880	3862.58	4	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	AIRSAT-5J
42	132	4320	3766.9	3	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	AIRSAT6A
43	132	4321.3	3766.7	3	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	AIRSAT6B
44	132	4320.02	3767.85	4	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	AIRSAT6C
45	132	4320	3767	3	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	AIRSAT6D

A-41

[illegible]