

# RECREATIONAL DIVE PLANNER™

DIVING SCIENCE & TECHNOLOGY, CORP.

**START**

DEPTH (feet) 35 40 50 60 70 80 90 100 110 120 130 140

PRESSURE GROUP A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

NO DECOMPRESSION LIMITS

SAFETY STOP REQUIRED

IMPERIAL

TABLE 2 SURFACE INTERVAL CREDIT TABLE

TABLE 1 NO DECOMPRESSION LIMITS AND GROUP DESIGNATION TABLE

TABLE 3 • REPETITIVE DIVE TIMETABLE

CONTINUE ON OTHER SIDE



DEPTH (feet) 35 40 50 60 70 80 90 100 110 120 130

PRESSURE GROUP AT END OF SURFACE INTERVAL Z Y X W V U T S R Q P O N M L K J I H G F E D C B A

IMPERIAL

**TABLE 3 • REPETITIVE DIVE TIMETABLE**

The Recreational Dive Planner is designed specifically for planning recreational (no decompression) dives on air only. Do not attempt to use it for planning decompression dives.

**Safety Stops** — A safety stop for 3 minutes at 15ft is required any time the diver comes up to or within 3 pressure groups of a no decompression limit and for any dive to a depth of 100ft or deeper.

**Emergency Decompression** — If a no decompression limit is exceeded by no more than 5 minutes, an 8 minute decompression stop at 15ft is mandatory. Upon surfacing, the diver must remain out of the water for at least 6 hours prior to making another dive. If a no decompression limit is exceeded by more than 5 minutes, a 15ft decompression stop of no less than 15 minutes is urged (air supply permitting). Upon surfacing, the diver must remain out of the water for at least 24 hours prior to making another dive.

**Flying After Diving Recommendations**  
 For Dives Within the No Decompression Limits  
 • Single Dives: A minimum pre-flight surface interval of 12 hours is suggested.  
 • Repetitive Dives and/or Multi-day Dives: A minimum pre-flight surface interval of 18 hours is suggested.  
 For Dives Requiring Decompression Stops  
 • A minimum pre-flight surface interval greater than 18 hours is suggested.

**Diving at Altitude** — Diving at altitude (1000ft or higher) requires the use of special procedures.

**Special Rules for Multiple Dives**  
 If you are planning 3 or more dives in a day: Beginning with the first dive, if your ending pressure group after any dive is W or X, the minimum surface interval between all subsequent dives is 1 hour. If your ending pressure group after any dive is Y or Z, the minimum surface interval between all subsequent dives is 3 hours.

**Note:** Since little is presently known about the physiological effects of multiple dives over multiple days, divers are wise to make fewer dives and limit their exposure toward the end of a multi-day dive series.

**General Rules**  
 • Ascend from all dives at a rate not to exceed 60ft per minute.  
 • When planning a dive in cold water or under conditions that might be strenuous, plan the dive assuming the depth is 10ft deeper than actual.  
 • Plan repetitive dives so each successive dive is to a shallower depth. Limit repetitive dives to 100ft or shallower.  
 • Never exceed the limits of this planner and, whenever possible, avoid diving to the limits of the planner. 140ft is for emergency purposes only, do not dive to this depth.

White area indicates Residual Nitrogen Time (RNT) in minutes and is to be added to Actual Bottom Time (ABT).  
 Blue area indicates adjusted no decompression limits. Actual Bottom Time (ABT) should not exceed this number.

Residual Nitrogen Time (RNT)  
 + Actual Bottom Time (ABT)  
 = Total Bottom Time (TBT)

**CAUTION:** This product for use only by certified divers or individuals under the supervision of a certified scuba instructor. Misuse of this product may result in serious injury or death. If you are unsure as to how to properly use this product, consult a certified scuba instructor.

Product No. 66054 Ver 1.2 (Rev. 02/03) 012PDK5