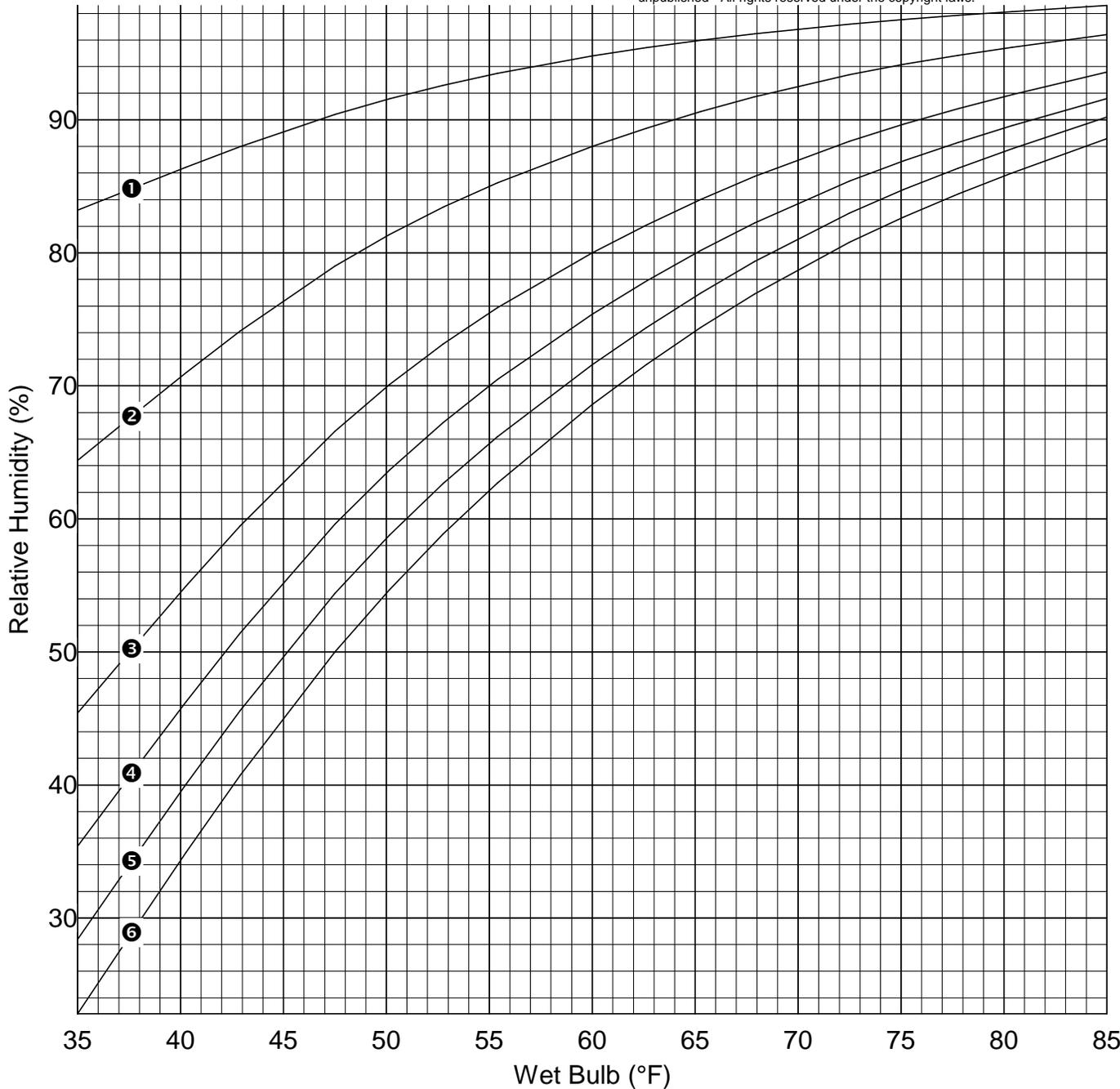


Fogging Frequency Estimate for Harper Lake Project

CONFIDENTIAL: The Contents of this document are confidential and constitute the exclusive property of SPX Cooling Technologies. This document and its contents may not be made public in any manner, distributed or loaned to others, or reproduced or copied either in whole or in part without the prior written consent of SPX Cooling Technologies.
 © 2009 As of the date(s) in the title block SPX Cooling Technologies unpublished - All rights reserved under the copyright laws.

SPX Cooling Technologies TRACS Version 18-SEP-08



Model F499-6.0-06
 Number of Cells 6
 Motor Output 249.4HP
 Motor RPM 1800
 Fan 360HP7-9
 Fan RPM 119
 (Full Speed)

Design Conditions:

Flow Rate 95000GPM
 Hot Water 99.70°F
 Cold Water 80.60°F
 Wet-Bulb 72.00°F

Curve Conditions:

Fan Pitch Constant
 Flow Rate 95000GPM
 (100% Design Flow)

Tangency 100.0%

FOGGING FREQUENCY CURVE: The curve shown to the left is referred to as a 'Fogging Frequency Curve'. The Fogging Frequency Curve separates entering cooling tower conditions that produce fog at the discharge (Top-Left region of chart) from those that do not produce fog (Bottom-Right region of chart)

- ⑥ 20.7 °F Range
- ⑤ 19.1 °F Range
- ④ 17.3 °F Range
- ③ 15 °F Range
- ② 11 °F Range
- ① 7 °F Range