



Report No. 703001

Date: 04/01/07

INTELLIDYNE CANADA

Fuel Consumption Reduction Pilot Program

TEST RESULTS FOR: BUILDING SPACE HEATING

Located at:

OMINI-CAMPEAU BUILDING
6501 CAMPEAU DRIVE
KANATA, ONTARIO
CANADA K2K3E9

A Confidential Report
Prepared by
Intellidyne LLC



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Test Report

Report No. 703001

Date: 04/01/07

Customer:

Intellidyne Canada
 1519 Rawlings Dr.
 Pickering, Ontario
 Canada L1V5A6

Test Site Location:

Campeau Building
 6501 Campeau Dr
 Kanata, Ontario
 Canada K2K3E9

Test Type: HEATING AIR CONDITIONING REFRIGERATION OTHER: _____

Product Tested: HW LCH LCS CHW CHS AC CAC RU OTHER: _____

Type of Equipment:

Manufacturer: Buderus
 Model: G515-11 (2 boilers)
 Capacity / SetPt: 1881000 / Set pt. 170
 Fuel Type: Natural Gas
 Application: Space Heating
 Area Served: Office Space
 Misc.

Test Start Date: 12/31/06
 Test End Date: 01/22/07
 No. of Days in Test: 22

BURNER RUN-TIME:

in HRS. in MIN.

IntelliCon ON-DAYS: 79.42 Hr

IntelliCon OFF-DAYS: 91.34 Hr

RUN-TIME was reduced by: 13.05%

BURNER USAGE FACTOR:

IntelliCon On-Days: 30%

IntelliCon Off-Days: 35%

USAGE PER DEGREE-DAY

ON-DAYS: N/A

OFF-DAYS: N/A

BURNER CYCLING REDUCTION:

IntelliCon ON-DAYS: 1661

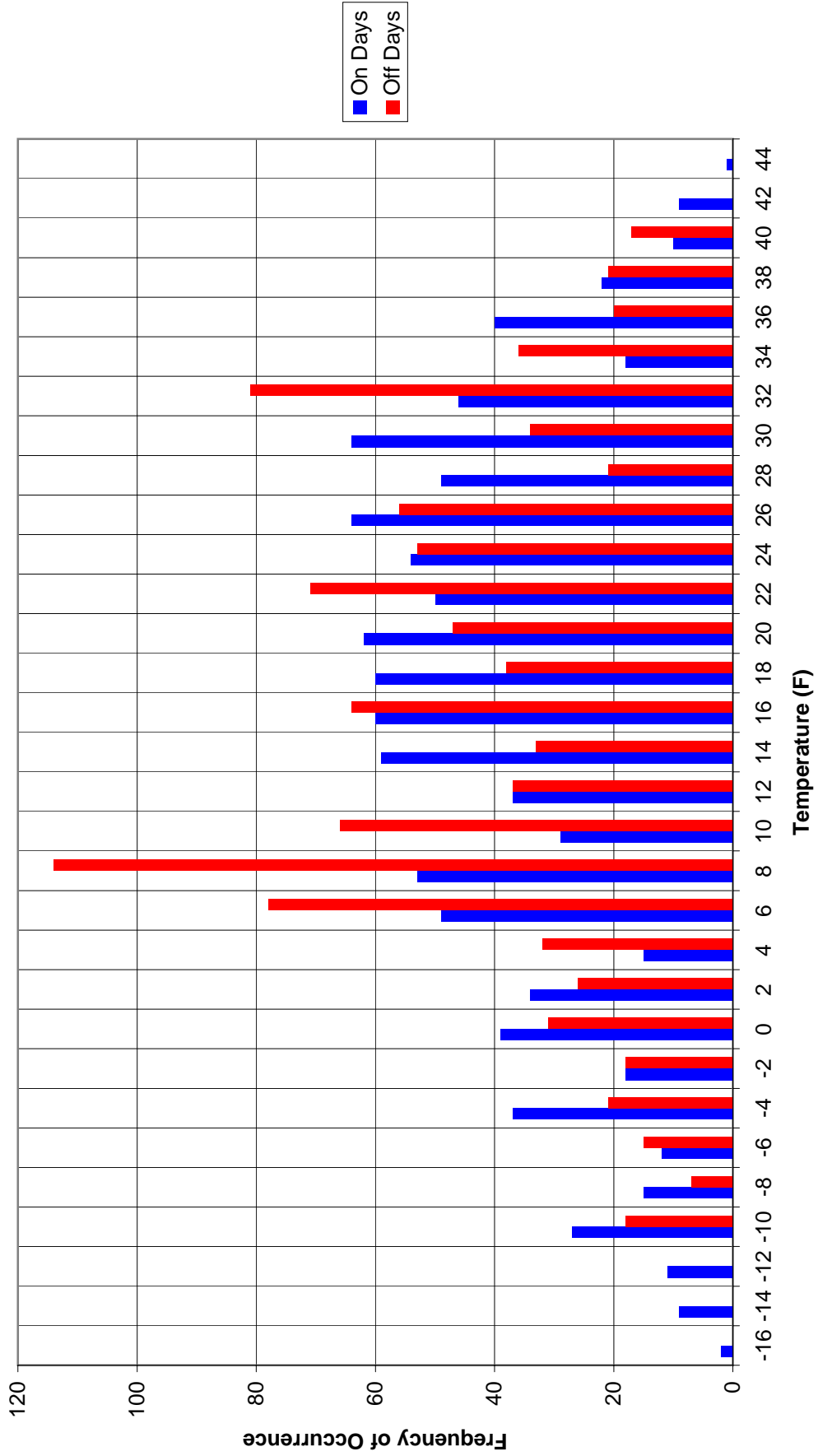
IntelliCon OFF-DAYS: 2277

Cycling was reduced by: 27.1%

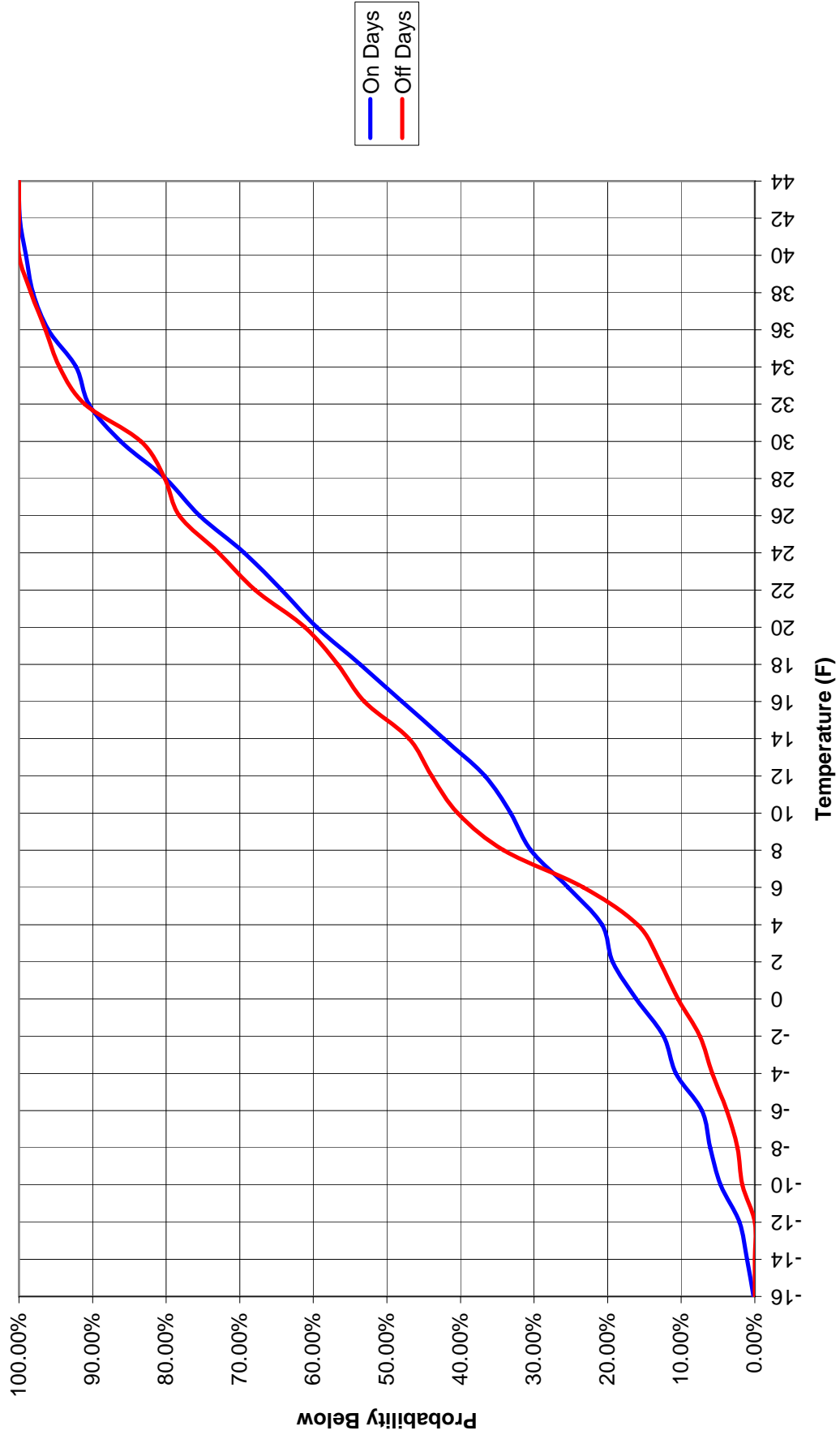
Savings = 13.1%

COMMENTS: During the test period no burner run time was recorded for Boiler #1. Significant reductions in burner run time and burner cycling were achieved on Boiler 2 for those days when the IntelliCon LCH controls were in the control circuit.

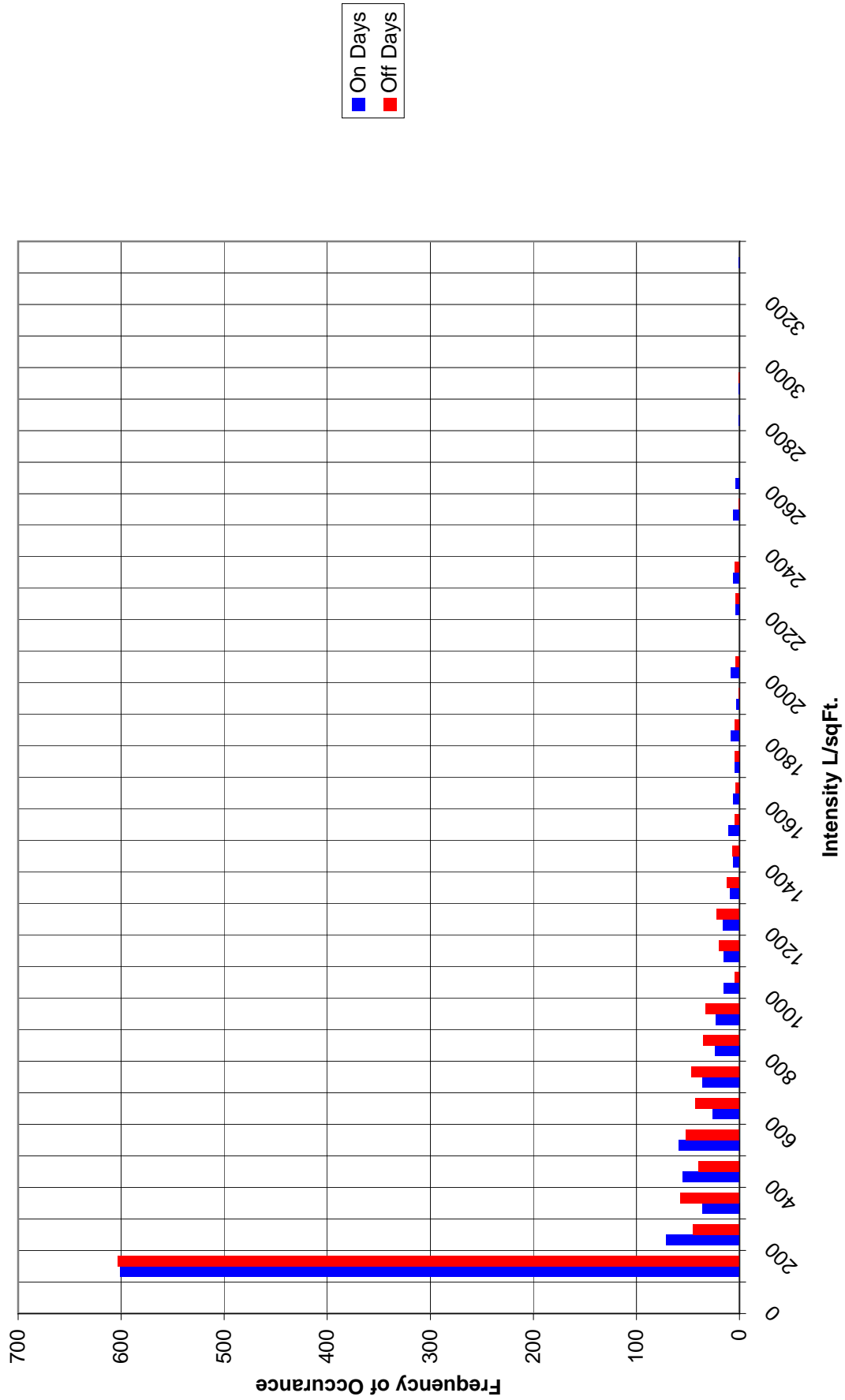
Omni Campeau
Outside Air Temp Histogram (12/21/06 - 1/21/07)



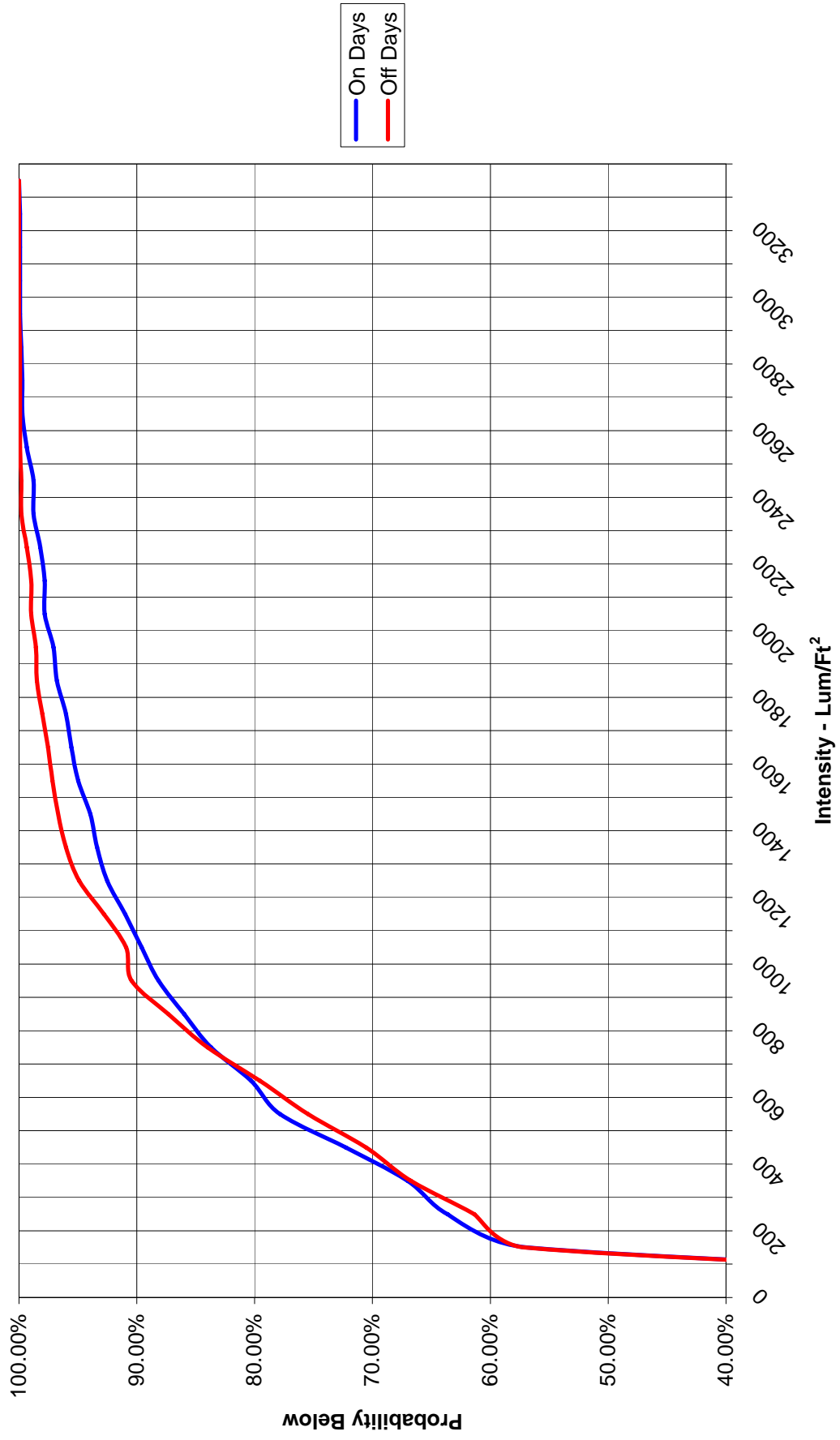
Omni Campeau
OAT Temperature Probabilities (12/21/06 - 1/21/07)



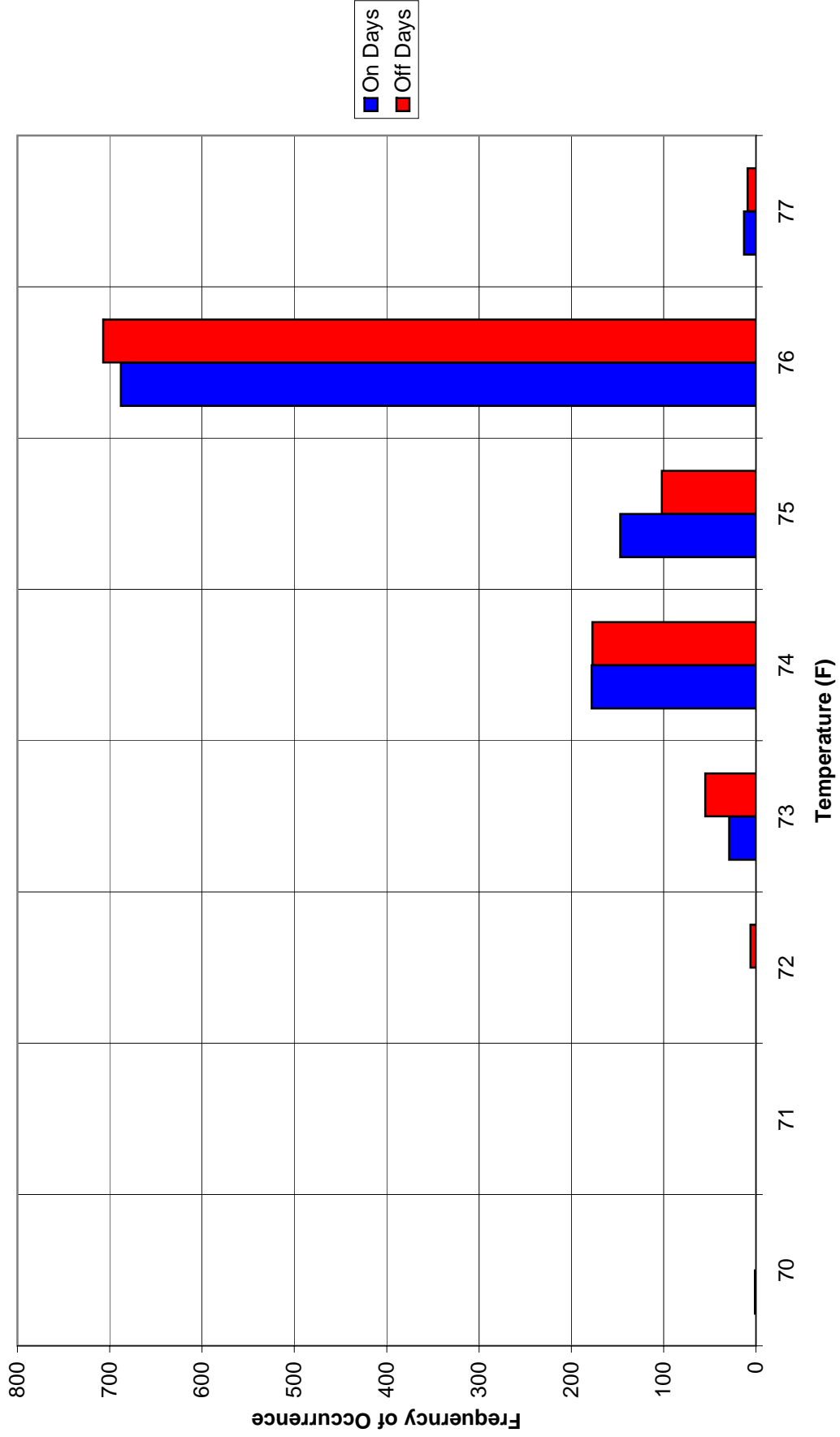
Omni Campeau
Solar Influence Histogram (12/21/06 - 1/21/07)



Omni Campeau
Solar Influence Probabilities (12/21/06 - 1/21/07)



Omni Campeau
Space Temperature Histogram (12/21/06 - 1/21/07)



**Omni Campeau
Space Temperature Probabilities (12/21/06 - 1/21/07)**

