

## APPENDIX C

### ACRONYM AND ABBREVIATION LISTING

#### -A-

AMS	American Meteorological Society
ASOS	Automated Surface Observing System
AT(s)	Apparent Temperature(s)
AWIPS	Advanced Weather Interactive Processing System

#### -B-

BMI	Body Mass Index
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#### -C-

C	Celsius
C6	Commission 6 (ISB)
CDC	Centers for Disease Control and Prevention
C/ESORN	Committee for Environmental Services, Operations and Research Needs
CIVD	Cold Induced Vasodilation
CNMOC	Commander Naval Meteorology and Oceanography Command
CPC	Climate Prediction Center
CRREL	Cold Regions Research and Engineering Laboratory

#### -D-

D2D	AWIPS Display 2-Dimensional
DCIEM	Defence and Civil Institute of Environmental Medicine
DOE	Department of Energy
DRDC	Defence Research and Development Canada

#### -E-

EC	Environment Canada
EPA	Environmental Protection Agency

#### -F-

F	Fahrenheit
FAA	Federal Aviation Administration
FEMA	Federal Emergency Management Agency
FHWA	Federal Highway Administration
Ft	Frostpoint Time

-H-

h	hour(s)
hPa	hectopascal
Humidex	Canadian heat index
HWR	AWIPS Hourly Weather Roundup

-I-

IFPS	AWIPS Interactive Forecast Preparation System
ISB	International Society of Biometeorology
IUPUI	Indiana University-Purdue University at Indianapolis

-J-

JAG/TI	Joint Action Group for Temperature Indices
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-K-

K	temperature in Kelvin
KMM	Klima-Michel-Model
km h <sup>-1</sup>	kilometers per hour

-M-

m <sup>2</sup> K W <sup>-1</sup>	meters squared times degrees Kelvin per watt
m s <sup>-1</sup>	meters per second
mph	miles per hour
MRF	Medium Range Forecast model
MSC	Meteorological Service of Canada

-N-

NCDC	National Climatic Data Center
NCEP	National Centers for Environmental Prediction
NESDIS	National Environmental Satellite, Data, and Information Service
NOAA	National Oceanic and Atmospheric Administration
NWR	NOAA Weather Radio
NWS	National Weather Service (U.S.)
NWWS	NOAA Weather Wire Service

-O-

OFCM	Office of the Federal Coordinator for Meteorological Services and Supporting Research
OSHA	Office of Safety and Health Administration

	-P-
PET	Physiological Equivalent Temperature
PT	Perceived Temperature
	-R-
R	resistance factor used in insulation materials
	-T-
T or Tair	air temperature
Td	dewpoint temperature
TMH	Thermal Manikin Head
	-U-
USA	U.S. Army
USACE	U.S. Army Corps of Engineers
USAF	U.S. Air Force
USARIEM	U.S. Army Research Institute of Environmental Medicine
USMC	U.S. Marine Corps
USN	U.S. Navy
UTCI	Universal Thermal Climate Index
US or U.S.	United States
	-V-
V	wind speed
	-W-
WCT	Wind Chill Temperature
WCTI	Wind Chill Temperature Index
WFO(s)	Weather Forecast Office(s)
WHO	World Health Organization
W m <sup>-2</sup>	watts per meter squared or watts/meter <sup>2</sup>
WMO	World Meteorological Organization
WSI	Weather Stress Index