



...VERY COLD TEMPERATURES AND BITTERLY COLD WIND CHILLS THIS WEEKEND...

OVERVIEW:

Arctic high pressure will produce very cold temperatures and hazardous wind chills during the late night and early morning hours Saturday through Monday.

TIMING	<ul style="list-style-type: none"> ▪ Wind Chill Values/Cold Temperatures: <ul style="list-style-type: none"> ▪ Friday Night/Saturday Morning: <ul style="list-style-type: none"> ▪ Minimum wind chills: mid-upper teens inland, upper teens to lower 20s at the coast. ▪ Low temperatures: lower-mid 20s inland, upper 20s near 30 at the coast. ▪ Saturday Night/Sunday Morning: <ul style="list-style-type: none"> ▪ This will be the coldest period. ▪ Minimum wind chills: single digits above zero inland, 8-15 at the coast. ▪ Low temperatures: mid-upper teens inland, lower-mid 20s at the coast. ▪ Sunday Night/Monday Morning: <ul style="list-style-type: none"> ▪ Minimum wind chills: mid-upper teens inland, lower-mid 20s at the coast. ▪ Low temperatures: lower-mid 20s inland, upper 20s/near 30 at the coast.
HAZARDS & IMPACTS	<ul style="list-style-type: none"> ▪ Cold Temperatures/Wind Chill <ul style="list-style-type: none"> ▪ Hazardous to be outside without warm clothes for any length of time ▪ Pipes could freeze, especially for elevated homes. ▪ Cold will be dangerous for pets left outside and will damage/kill unprotected sensitive plants
NWS ALERTS	<ul style="list-style-type: none"> ▪ None at this time. Wind Chill Advisories are likely, especially Saturday night into Sunday morning.
ADDITIONAL INFORMATION	<ul style="list-style-type: none"> ▪ Stay Aware: <ul style="list-style-type: none"> ▪ Latest Briefings: NWS Charleston Briefing Page ▪ NWS Charleston Local Forecast Graphics: Minimum Wind Chill Low Temperatures ▪ Cold Weather Safety Information
NEXT BRIEFING	<ul style="list-style-type: none"> ▪ Next 1-pager by 6 AM Thursday

Wind Chill Advisory Criteria

Inland Counties:
10 to -4°F



Coastal Counties:
15 to 1°F

Wind Chill Warning Criteria

Inland Counties:
-5°F or colder



Coastal Counties:
0°F or colder

Min Wind Chill

Valid 9 PM Sat Jan 20 to 9 AM Sun Jan 21, 2024

Weather Forecast Office
Charleston, SC
Issued Jan 17, 2024 3:16 PM EST

