## WASHINGTON COUNTY SCHOOLS

**Commanding Excellence for All** 

## Dr. Robin Cochran, Superintendent



WASHINGTON.KYSCHOOLS.US

## HOW DOES WIND CHILL EFFECT SCHOOL BEING DELAYED OR CLOSED?

During the winter months several factors come into play that could delay the start of school or cause school to be closed all together. One such factor is the wind chill on a given day. On particularly cold mornings, we continuously monitor the National Weather Service and closes monitor the weather conditions. There are two possible scenarios that come from the National Weather Service: a **Wind Chill Advisory** and a **Wind Chill Warning**. The National Weather Service defines the two as the following for the Southern Indiana and Central Kentucky Region:

- Wind Chill Advisory: Wind Chills between (-10) and (-24) degrees and at least a 10 mph wind for 3 hours or more.
- Wind Chill Warning: Wind Chills that are (-25) degrees or colder with at least a 10 mph wind for 3 hours or more.

When the National Weather Service issues a **Wind Chill Warning** for Washington County for the time the school day begins, we will close schools. It is quite likely we will make this type of decision on the morning of the day in question as it is hard to predict what the wind chill will be the night before. If there is a **Wind Chill Advisory**, for the county, schools will likely be open **unless** there are operational problems with the bus fleet or mechanical problems in the school buildings. Buildings and the bus fleet are assessed in the morning prior to school by 6:00 a.m.

Understand that the safety of our staff and students is our top priority when making the decision to delay or close school. We can assure you that our school buildings are warm, safe and an ideal place for students to be when it is extremely cold outside. Parents should make sure their child is dressed appropriately for the cold weather. The district urges students to wear winter hats, gloves, heavy coats and boots. Frostbite and hypothermia are serious risks and need to be taken into consideration by the parents.

To get more information on how the wind chill is calculated, see the wind chill conversion chart from the National Weather Service here:

				N	1V	vs	5 V	Vi	nc	lc	hi	II	C	ha	rt				
									Tem	pera	ture	(°F)							
	Calm	40	35	30	25	20	15	10	5	Ō	-5	-10	-15	-20	-25	-30	-35	-40	-45
	5	36	31	25	19	13	7	1	-5	-11	-16	-22	-28	-34	-40	-46	-52	-57	-63
	10	34	27	21	15	9	3	-4	-10	-16	-22	-28	-35	-41	-47	-53	-59	-66	-72
	15	32	25	19	13	6	0	-7	-13	-19	-26	-32	-39	-45	-51	-58	-64	-71	-77
	20	30	24	17	11	4	-2	-9	-15	-22	-29	-35	-42	-48	-55	-61	-68	-74	-81
(q	25	29	23	16	9	3	-4	-11	-17	-24	-31	-37	-44	-51	-58	-64	-71	-78	-84
Ë	30	28	22	15	8	1	-5	-12	-19	-26	-33	-39	-46	-53	-60	-67	-73	-80	-87
P	35	28	21	14	7	0	-7	-14	-21	-27	-34	-41	-48	-55	-62	-69	-76	-82	-89
i.M	40	27	20	13	6	-1	-8	-15	-22	-29	-36	-43	-50	-57	-64	-71	-78	-84	-91
	45	26	19	12	5	-2	-9	-16	-23	-30	-37	-44	-51	-58	-65	-72	-79	-86	-93
	50	26	19	12	4	-3	-10	-17	-24	-31	-38	-45	-52	-60	-67	-74	-81	-88	-95
	55	25	18	11	4	-3	-11	-18	-25	-32	-39	-46	-54	-61	-68	-75	-82	-89	-97
	60	25	17	10	3	-4	-11	-19	-26	-33	-40	-48	-55	-62	-69	-76	-84	-91	-98
				I	rostb	ite Tir	nes	30	) minut	tes	10	) minut	es	5 m	inutes				
Wind Chill (°F) = $35.74 + 0.6215T - 35.75(V^{0.16}) + 0.4275T(V^{0.16})$													ctive 1	1/01/01					

120 MACKVILLE HILL, SPRINGFIELD, KY 40069

🂫 P:859.336.5470 🔹 F: 859.336.5480

