

# NORTH CAROLINA DRUG CATEGORY MATRIX

MAJOR INDICATORS	CNS DEPRESSANTS	CNS STIMULANTS	HALLUCINOGENS	DISSOCIATIVE ANESTHETICS	NARCOTIC ANALGESICS	INHALANTS	CANNABIS
HGN	PRESENT	NONE	NONE	PRESENT	NONE	PRESENT	NONE
VGN	PRESENT *HIGH DOSE	NONE	NONE	PRESENT	NONE	PRESENT *HIGH DOSE	NONE
LACK OF CONVERGENCE	PRESENT	NONE	NONE	PRESENT	NONE	PRESENT	PRESENT
PUPIL SIZE	NORMAL (1)	DILATED	DILATED	NORMAL	CONSTRICTED	NORMAL (4)	DILATED (6)
REACTION TO LIGHT	SLOW	SLOW	NORMAL (3)	NORMAL	LITTLE OR NONE VISIBLE	SLOW	NORMAL
PULSE RATE	DOWN (2)	UP	UP	UP	DOWN	UP	UP
BLOOD PRESSURE	DOWN	UP	UP	UP	DOWN	UP/DOWN (5)	UP
BODY TEMPERATURE	NORMAL	UP	UP	UP	DOWN	UP/DOWN/ NORMAL	NORMAL
MUSCLE TONE	FLACCID	RIGID	RIGID	RIGID	FLACCID	NORMAL OR FLACCID	NORMAL
<b>GENERAL INDICATORS</b>	DISORIENTED DROOPY EYES (PTOSIS) DROWSINESS DRUNK-LIKE BEHAVIOR GAIT ATAXIA SLOW, SLUGGISH REACTIONS THICK, SLURRED SPEECH UNCOORDINATED	<b>ANXIETY</b> <b>BODY TREMORS</b> <b>DRY MOUTH</b> <b>EUPHORIA</b> <b>EXAGGERATED REFLEXES</b> <b>EXCITED</b> <b>EYELID AND LEG TREMORS</b> <b>GRINDING TEETH (BRUXISM)</b> <b>INCREASED ALERTNESS</b> <b>INSOMNIA</b> <b>IRRITABILITY</b> <b>REDNESS TO NASAL AREA</b> <b>RESTLESSNESS</b> <b>RUNNY NOSE</b> <b>TALKATIVE</b>	BODY TREMORS DAZED APPEARANCE DIFFICULTY WITH SPEECH DISORIENTED FLASHBACKS HALLUCINATIONS MEMORY LOSS NAUSEA PARANOIA PERSPIRING PILOERECTION POOR PERCEPTION OF TIME & DISTANCE SYNESTHESIA UNCOORDINATED	BLANK STARE CONFUSED CHEMICAL ODOR CYCLIC BEHAVIOR DIFFICULTY WITH SPEECH DISORIENTED EARLY HGN ONSET HALLUCINATIONS INCOMPLETE VERBAL RESPONSES IMPERVIOUS TO PAIN MEMORY LOSS NON-COMMUNICATIVE PERSPIRING POSSIBLY VIOLENT REPETITIVE SPEECH SENSORY DISTORTIONS SLOW, SLURRED SPEECH WARM TO THE TOUCH	DEPRESSED REFLEXES DROOPY EYELIDS (PTOSIS) DROWSINESS DRY MOUTH EUPHORIA FACIAL ITCHING NAUSEA "ON THE NOD" PUNCTURE MARKS SLOW, LOW, RASPY SPEECH SLOWED BREATHING SLOWED REFLEXES  <i>NOTE: TOLERANT USERS EXHIBIT RELATIVELY LITTLE PSYCHOMOTOR IMPAIRMENT</i>	BLOODSHOT, WATERY EYES CONFUSION DISORIENTED FLUSHED FACE INTENSE HEADACHES LACK OF MUSCLE CONTROL NON-COMMUNICATIVE ODOR OF SUBSTANCE POSSIBLE NAUSEA RESIDUE OF SUBSTANCE SLOW, THICK, SLURRED SPEECH	ALTERED PERCEPTION OF TIME AND DISTANCE ALTERATIONS IN THOUGHT PROCESS BLOODSHOT EYES BODY TREMORS DEBRIS IN MOUTH DISORIENTED DROWSINESS EYELID TREMORS IMPAIRED MEMORY INCREASED APPETITE LACK OF CONCENTRATION ODOR OF MARIJUANA POSSIBLE PARANOIA RELAXED INHIBITIONS REBOUND DILATION <small>(pupils pulsate in size, growing larger on expansion pulsations)</small>
<b>DURATION OF EFFECTS</b>	ULTRA-SHORT: A FEW MINUTES SHORT: APPROXIMATELY 4 HOURS INTERMEDIATE: 6-8 HOURS LONG: 8-14 HOURS	<b>COCAINE:</b> 5-120 MINUTES  <b>AMPHETAMINES:</b> 4-8 HOURS  <b>METHAMPHETAMINE</b> 12+ HOURS	DURATION VARIES WIDELY FROM ONE HALLUCINOGEN TO ANOTHER.	PCP: ONSET 1-5 MINUTES PEAK EFFECTS: 15-30 MINUTES EXHIBITS EFFECTS UP TO 4-6 HOURS  DXM: ONSET 15-30 MINUTES EFFECTS 3-6 HOURS	HEROIN: 4-6 HOURS  METHADONE: UP TO 24 HOURS  OTHERS: VARY	6-8 HOURS FOR MOST VOLATILE SOLVENTS  ANESTHETIC GASES AND AEROSOLS- VERY SHORT DURATION	2-3 HOURS EXHIBITS EFFECTS  <small>(Impairment may last up to 24 hours without awareness of effects)</small>
<b>USUAL METHODS OF ADMINISTRATION</b>	INJECTED INSUFFLATION ORAL	INJECTED INSUFFLATION ORAL SMOKED	INJECTED INSUFFLATION ORAL SMOKED TRANSDERMAL	EYE DROPS INJECTED INSUFFLATION ORAL SMOKED TRANSDERMAL	INJECTED INSUFFLATION ORAL SMOKED SUPPOSITORIES TRANSDERMAL	INHALING	ORAL SMOKED TRANSDERMAL
<b>SIGNS OF OVERDOSE</b>	COLD, CLAMMY SKIN RAPID, WEAK PULSE SHALLOW BREATHING	COMA CONVULSIONS LOSS OF CONSCIOUSNESS INCREASED PULSE HALLUCINATIONS PSYCHOSIS	LONG, INTENSE "TRIP" PANIC AGITATION	COMA SEIZURES AND CONVULSIONS RESPIRATORY DEPRESSION	SLOW, SHALLOW BREATHING COLD, CLAMMY SKIN CONVULSIONS BLUE LIPS PALE/BLUE SKIN EXTREMELY CONSTRICTED PUPILS	CARDIAC ARRHYTHMIA RESPIRATION CEASES RISK OF DEATH SEVERE NAUSEA AND VOMITING	PARANOIA POSSIBLE PSYCHOSIS

**DIRE AVERAGE RANGES**

FOOTNOTE: THESE INDICATORS ARE THE MOST CONSISTENT WITH THE CATEGORY. KEEP IN MIND THAT THERE MAY BE VARIATIONS DUE TO INDIVIDUAL REACTION, DOSE TAKEN AND DRUG INTERACTIONS.

PULSE: 60 - 90 BEATS PER MINUTE  
 PUPIL SIZE: ROOM LIGHT- AVG: 4.0 MM RANGE: 2.5 - 5.0 MM  
 NEAR TOTAL DARKNESS- AVG: 6.5 MM RANGE: 5.0 - 8.5 MM  
 DIRECT LIGHT- AVG: 3.0 MM RANGE: 2.0 - 4.5 MM  
 BLOOD PRESSURE: 120 - 140 MMHg SYSTOLIC  
 70 - 90 MMHg DIASTOLIC  
 BODY TEMPERATURE: 98.6 +/- 10<sup>2</sup> F

1. SOMA, QUAAALUDES AND POSSIBLY SOME ANTI-DEPRESSANTS USUALLY DILATE PUPILS
2. QUAAALUDES, ETOH AND POSSIBLY SOME ANTI-DEPRESSANTS MAY ELEVATE
3. CERTAIN PSYCHEDELIC AMPHETAMINES MAY CAUSE SLOWING
4. NORMAL, BUT MAY BE DILATED
5. DOWN WITH ANESTHETIC GASES, UP WITH VOLATILE SOLVENTS AND AEROSOLS
6. PUPIL SIZE POSSIBLY NORMAL

**HGN - Horizontal gaze nystagmus**  
**VGN - Vertical gaze nystagmus**