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| Risk category | Probability of human outbreak | Definition | Activities and responses |
| 0 | None | * No adult mosquito biting activity (vector species).
* No avian mortality noted.
* No suspected human cases documented.
 | * Monitor and maintain nuisance mosquito populations.
* Maintain surveillance activities for both nuisance and known vector species.
* Monitor national and regional arbovirus case documentation
* Organize disease surveillance live trapping when climatic conditions warrant (High temps >70 degrees – Low temps > 55)
* Treat known vector breeding sites with residual materials
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| 1 | Low | * Biting adult mosquitoes active (vector species).-or-
* Epizootic activity expected based on onset of transmission in prior years.-or-
* Limited or sporadic epizootic activity in birds or mosquitoes.
 | * Response as in category 0, plus:
* Activate systemic program to monitor and reduce vector mosquito abundance.
* Conduct weekly RAMP test pools to monitor virus activity (mosquitoes and avian hosts) (July- Aug)
* Initiate community outreach focused on personal protection and residential source reduction.
* Monitor climatic conditions to evaluate future risk profile.
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| 2 | High | * Sustained transmission activity in mosquitoes or birds.-or-
* Veterinary cases reported.-or-
* Human case or viremic blood donor reported.
* Regional WNV cases or veterinary cases active
 |  Response as in category 1 plus:* Intensify and expand adult mosquito control in areas using ground and/or aerial applications where surveillance indicates human risk.
* Consider 14 to 21-day ULV intervals
* Intensify visible activities in community to increase attention to WNV transmission risk and personal protection measures.
* Work to address high risk populations.
* Intensify and expand surveillance for human cases.
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| 3 | Outbreak in progress | * Conditions favor continued transmission to humans (i.e., persistent high infection rate in mosquitoes, continued avian mortality, seasonal mosquito population decreases not anticipated for weeks)-or-
* Multiple confirmed human cases or viremic blood donors.
 | * Response as in category 2 plus:
* Intensify emergency adult mosquito control program repeating applications as necessary to achieve adequate control.
* Monitor effectiveness of vector control efforts
* Emphasize urgency of personal protection, including use of repellents, through community leaders and media.
* Engage in 14 to 21-day interval region wide adult mosquito treatment regimen
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