Virginia Soil and Water Conservation Board
Virginia Transportation Research Council, Charlottesville
July 24, 2026; 11:30 a.m.

AGENDA

A. Call to Order and Introductions

B. Approval of Minutes from June 17, 2026

C. Director's report

D. Update on FOIA meeting rules

Soil and Water Conservation Division

E. Approval of Board Policy on Soil and Water Conservation District Administration and Operations Funding Allocations for Fiscal Year 2027
F. Approval of Administration and Operations Support Grant Agreement for Fiscal Year 2027
G. Approval of Board Policy on Soil and Water Conservation District Cost-Share and Technical Assistance Funding Allocations for Fiscal Year 2027
H. Approval of Cost-Share and Technical Assistance Grant Agreement for Fiscal Year 2027
I. Approval of District Director appointments and resignations
J. Discussion involving letters received regarding cover crop decisions at June meeting
    I. Subcommittee charge

K. Old Business

L. New Business

M. Public Comment

N. Next Meetings
- September 14-15, 2026; location to be determined
- December 10, 2026; Hotel Roanoke, Roanoke, Virginia

For copies of the Virginia Soil and Water Conservation Board meeting materials contact Breanne Lindsey, Board and Constituent Liaison at 804.786.8445 or by email at breanne.lindsey@dcr.virginia.gov.

Virginia Soil and Water Conservation Board
Wednesday, June 17, 2026
Virginia Transportation Research Council – Research Council Auditorium
Charlottesville, Virginia

TIME AND PLACE

The meeting of the Virginia Soil and Water Conservation Board took place at 11:30 a.m. on Wednesday, June 17, 2026, at the Virginia Transportation Research Council, Research Council Auditorium in Charlottesville, Virginia.

VIRGINIA SOIL AND WATER CONSERVATION BOARD MEMBERS PRESENT

Charles Newton, Chair
Adam Wilson
Robert Mills
Kevin Dunn
Nick Thomas
John Womack on behalf of Dr. Edwin Martinez
John Schick, Vice Chair
Jason De La Cruz
Leigh Pemberton
Stephanie Cornnell
Matt Lail, on behalf of Dr. Dan Gorelich

VIRGINIA DEPARTMENT OF CONSERVATION AND RECREATION STAFF PRESENT

Nikki Rovner, DCR Director
Sarah Spota, DCR Deputy Director
Darryl Glover, Deputy Director, Soil and Water Conservation, Dam Safety, and Floodplain Management
James Martin, Director, Division of Soil and Water Conservation
Christine Watlington Jones, Policy and District Services Manager
Breanne Lindsey, Board and Constituent Liaison
Paul Saunders, Senior Policy Analyst
Blair Gordon, District Operations Coordinator
Andrea Henry, Chief Engineer
Nico Robichaud, Policy and Program Assistant
Debbie Cross, DCR
Crystal Lavin, DCR
Olivia Leatherwood, DCR

OTHERS PRESENT

Darrell Kuntz, Office of the Attorney General
Kendall Tyree, VASWCD
Meghan Jones, VASWCD Intern
Anne Coates, TJSWCD
Luke Longanecker, TJSWCD
Matt Kowalski, Chesapeake Bay Foundation

ESTABLISHMENT OF A QUORUM

With nine (9) members of the Virginia Soil and Water Conservation Board present a quorum was established.

CALL TO ORDER AND INTRODUCTIONS

Chairman Newton called the meeting to order at 11:30 a.m. and asked for introductions.

APPROVAL OF THE MINUTES FROM APRIL 15, 2026

BOARD ACTION

Mr. Pemberton moved to approve the April 17, 2026, Board meeting minutes as amended. Ms. Cornnell seconded the motion, which was unanimously approved by: Cornnell, De La Cruz, Dunn, Mills, Newton, Pemberton, Schick, Thomas, and Wilson.

DIRECTOR'S REPORT – *Nikki Rovner, DCR Director*

Director Rovner briefed the Board on the status of the state budget, noting that although it had not yet been finalized, there is optimism that a completed budget would be adopted in the coming weeks.

She reflected on her tenure with the agency to date, highlighting what she has learned about its many programs and divisions, including Natural Heritage, Virginia State Parks, planning and recreation, administration, finance, procurement, and other units that provide both internal and external services. Director Rovner also acknowledged the important work of the divisions responsible for soil and water conservation, dam safety, and floodplain management.

She announced that Darryl Glover, Deputy Director, will retire on August 1, 2026, and expressed appreciation for his years of dedicated service and significant contributions to the agency and the Commonwealth. Mr. Glover thanked Director Rovner and shared that during his 43 years of service, it has been a pleasure to work with the Board and its predecessors.

DAM SAFETY DIVISION REPORT – *Andrea Henry, Chief Engineer*

Ms. Henry provided the division report on dam safety.

- Schnabel has created a new Emergency Action Plan (EAP) template, incorporating review checklists, tabletop exercise guidelines, and owner instructions, with input from DCR Dam Safety and Soil and Water staff, VDEM, local emergency managers, and consulting engineers. They are using the template to update six EAPs, emphasizing reorganized content for emergency managers and new action sheets outlining short-term measures to prevent dam failure during Stage I or II activations. The project is expected to be complete by July 2026 and the updated format will be considered during the upcoming regulatory revisions.
- DCR Dam Safety staff conducted an impact analysis of the proposed incremental damage assessment methodology on 16 dams. Staff found similar but slightly more conservative results for hazard reductions, which would allowgreater spillway design flood reductions; these findings will also inform regulatory updates.

- FEMA's 2024 HHPD grant is supporting nine high-hazard dam owners, with eight projects moving through FEMA review and one deemed ineligible. Funding is anticipated to return in 2027.
- For this year's grant round, the Dam Safety Flood Prevention and Protection Assistance Fund received 111 applications requesting over $19 million, with proposed awards for 10 Type I and 7 Type II grants.
- Additionally, Justin Deel has been appointed Lead Dam Safety Engineer and will oversee daily regional engineering operations as the program expands to six regions in July.
- Finally, 25 dams remain on DCR's pre-enforcement list, with one recently removed after receiving an agricultural exemption.

APPROVAL OF PROJECTS FUNDED BY THE DAM SAFETY, FLOOD PREVENTION AND PROTECTION ASSISTANCE FUND AND PROVIDE EXCEPTION FOR CERTAIN PRACTICES FROM REAPPLYING FOR THE NEXT GRANT PERIOD – *Christine Watlington Jones, Policy and District Services Manager*

Ms. Watlington Jones provided an overview of the projects funded by the Dam Safety, Flood Prevention, and Protection Assistance Fund along with an exception for the Board to consider.

BOARD ACTION

Mr. Mills made the following motion:

The Virginia Soil and Water Conservation Board approves the 17 grant applications, with an approval amount of $4,964,092.69, as recommended by the Department.

Approval of these grants is conditioned on the following:

1. All grants are made on a reimbursement basis and will be governed by a Grant Agreement developed in consultation with the Virginia Resources Authority. All applicants will be given a period of 90 days to enter into a Grant Agreement following the Agreement being sent. The Department of Conservation and Recreation (Department) is authorized to further extend this date in its discretion and following consultation with VRA.

2. All grant agreements will require that projects be completed within 24 months of the date of execution of the Agreement. Upon receipt of a written request for a project extension with a specified completion date by the Grantee to the Department with a copy to VRA, the Department is authorized to consider such request and may amend the terms of the Agreement and allow a specified extension upon the Department's and the Authority's written approval. Extension requests must be received by the Department not later than 90 days prior to the expiration of the original agreement or grant funds are subject to rescission at the Department's discretion. No extensions shall exceed an additional year without specific Board approval.

3. In the event that any of the above applicants fail to execute a Grant Agreement with VRA within 90 days of such an Agreement being sent to the applicant, the Department, in consultation with VRA, is authorized to rescind those grant funds and allocate in subsequent grant rounds.

The Department is authorized to communicate this approval to the Virginia Resources Authority (VRA) so that VRA's review of applications may proceed. The Department is also authorized to take any action necessary to proceed with the closing and administration of grants subsequent to VRA's approval of the application.

Additionally, for the 85 applications that have been deemed eligible to receive funding, but were not recommended due to insufficient funds in this grant round, the Board waives the requirement to reapply for funding in the 2027 grant round. These applications are not guaranteed funding and will be scored against any other applications that are received in the future grant round.

Mr. Pemberton seconded the motion, which was unanimously approved by: Cornnell, De La Cruz, Dunn, Mills, Newton, Pemberton, Schick, Thomas, and Wilson.

APPROVAL OF NOTICE OF INTENDED REGULATORY ACTION (NOIRA) FOR IMPOUNDING STRUCTURE REGULATIONS (4VAC50-20) – *Christine Watlington Jones, Policy and District Services Manager*

Ms. Watlington Jones provided the Board with an overview of the regulatory sections that will be reviewed.

BOARD ACTION

Mr. Pemberton made the following motion:

The Virginia Soil and Water Conservation Board authorizes the Department to convene a regulatory advisory panel to make recommendations on potential regulatory changes, to hold other stakeholder group meetings as it deems necessary, and to prepare a draft proposed regulation and any associated documents for the Board's review and consideration. The Board directs the Department to conduct these activities in accordance with the Administrative Process Act, Executive Order 19 (2022), and all other applicable laws, policies, and procedures. Additionally, the Board authorizes the Department to coordinate, as necessary, with the Office of Regulatory Management and other reviewing agencies to develop any additional documents needed to file this Notice of Intended Regulatory Action.

Mr. Mills seconded the motion, which was unanimously approved by: Cornnell, De La Cruz, Dunn, Mills, Newton, Pemberton, Schick, Thomas, and Wilson.

SOIL AND WATER CONSERVATION DIVISION REPORT – *James Martin, Director, Division of Soil and Water Conservation*

Mr. Martin provided the report for the soil and water conservation division.

Mr. Martin informed the Board that agency staff continue to collaborate with and support the Joint Legislative Audit and Legislative Review Commission (JLARC) in its review of the VACS program. JLARC is currently interviewing district staff, district directors, and other stakeholders, and a producer survey will be released once finalized. The survey results will be incorporated into the JLARC report.

He reported that development of the Conservation Application Suite (CAS) is progressing, with enhancements made to the nutrient management module at the end of April. To support planners working in areas with limited internet access, an import/export tool was added, enabling offline work that can later be uploaded into the system. An infrastructure project supporting CAS has also been completed. CAS has now entered phase three, which focuses on improvements to mapping, general assistance, certification tracking, and the financial module.

Mr. Martin noted that the Nutrient Management Training and Certification Regulations Regulatory Advisory Panel (RAP) held its third meeting on May 20. Recommended changes from the RAP (Regulatory Advisory Panel) are being incorporated into the regulations and the Standards and Criteria document, with proposed amendments scheduled for presentation to the Board in September.

Finally, he reported that the Alliance to Advance Climate Smart Agriculture Project, conducted in partnership with the agency, several districts, and Virginia Tech, has completed its third application cycle in Virginia. A fourth cycle will be opened to allocate the remaining grant funds' it will be focused on cover crop practices for fall implementation.

APPROVAL OF FUNDING FOR DISTRICT DAM REHABILITATION PROJECT– *Christine Watlington Jones, Policy and District Services Manager*

Ms. Watlington Jones provided an overview of the funding from the Water Quality Improvement Fund for a rehabilitation project at Leatherwood Creek #5 for the Board to consider.

BOARD ACTION

Mr. Pemberton made the following motion:

The Virginia Soil and Water Conservation Board (Board) approves $22,996,000 in funding for the rehabilitation project at Leatherwood Creek Dam #5. The Board authorizes additional funding of up to 5% of the total project cost for any project contingencies.

Mr. Wilson seconded the motion, which was unanimously approved by: Cornnell, De La Cruz, Dunn, Mills, Newton, Pemberton, Schick, Thomas, and Wilson.

APPROVAL OF CORRECTION TO FISCAL YEAR 2027 VIRGINIA AGRICULTURAL COST-SHARE MANUAL – *Christine Watlington Jones, Policy and District Services Manager*

Ms. Watlington Jones provided background information and prior action taken by the Board regarding the FY 2027 Virginia Agricultural Cost-Share Manual.

BOARD ACTION

Ms. Cornnell made the following motion:

The Virginia Soil and Water Conservation Board (Board) approves these corrections to the 2027 Virginia Agricultural Cost-Share BMP Manual.

Mr. Wilson seconded the motion, which was unanimously approved by: Cornnell, De La Cruz, Dunn, Mills, Newton, Pemberton, Schick, Thomas, and Wilson.

<u>APPROVAL OF DESKTOP PROCEDURES FOR DISTRICT OPERATIONS</u> – *Christine Watlington Jones, Policy and District Services Manager*

Ms. Watlington Jones provided an overview of the desktop procedures.

<u>BOARD ACTION</u>

Mr. Mills made the following motion:

The Virginia Soil and Water Conservation Board approves the 2026 Desktop Procedures for District Operations as presented by the Department. The Department is authorized to make nonsubstantive changes to include formatting and stylistic changes as necessary to the document.

Ms. Cornnell seconded the motion, which was unanimously approved by: Cornnell, De La Cruz, Dunn, Mills, Newton, Pemberton, Schick, Thomas, and Wilson.

<u>APPROVAL OF DISTRICT APPOINTMENTS AND RESIGNATIONS</u> – *Christine Watlington Jones, Policy and District Services Manager*

The Board reviewed the following Soil and Water Conservation District Director resignation:

Appomattox River

Resignation of Mr. Michael Storrs, of Petersburg, effective 5/27/2026, elected director (term of office expires 12/31/2027).

Colonial

Resignation of Mr. Tim Beale, of York County, effective 5/31/2026, at-large appointed director (term of office expires 12/31/2026).

Evergreen

Appointment of Mr. Clegg Williams, of Smyth County, effective 6/17/2026, to fill the vacant at large director position (term of office expires 12/31/2026).

> Mr. Williams is a local farmer. He also serves as the Assistance County Administrator, working closely with the erosion and sediment and stormwater management programs.

Lord Fairfax

Resignation of Mr. Jack Owens, of Frederick County, effective 5/29/2026, elected director (term of office expires 12/31/2027).

Resignation of Mr. Robert “Bobby” Clark, of Shenandoah County, effective 6/30/2026, extension agent director (term of office expires 12/31/2028).

Appointment of Ms. Cynthia Fairbanks, of Warren County, effective 7/1/2026, to fill the vacant unexpired extension agent director (term of office expires 12/31/2028).

Piedmont

Recognition of the passing of Mr. Juan Whittington, of Amelia County, 5/21/2026, at-large appointed director (term of office expires 12/31/2026).

New River

Recognition of the passing of Mr. Pete Farmer, of Galax, 2/7/2026, elected director (term of office expires 12/31/2027).

Robert E. Lee

Resignation of Ms. Joetricia Humbles, of Appomattox County, effective 4/23/2026, elected director (term of office expires 12/31/2027).

Appointment of Mr. Glenn Dye, of Appomattox County, effective 6/17/2026, to fill the vacant elected director position (term of office expires 12/31/2027).

> Mr. Dye has been serving as an Associate Director since November 2025. He is a certified crop advisor and Virginia nutrient management plan writer. He is the winner of the Clean Water Farm Award from both Tri-County/City SWCD and Robert E. Lee SWCD, and was the 2020 runner up for the American Farm Bureau Federation National Achievement Award. He is the current President of the Appomattox County Farm Bureau and is a member of the VANTAGE board. He's a past president of the Soybean Growers Association.

Appointment of Mr. Kahlial Smith, of Amherst County, effective 6/17/2026, to fill the vacant elected director position (term of office expires 12/31/2027).

> Mr. Smith is the Executive Assistant and Youth Pastor at Providence Transformation International Church and is an Instructional Assistant at Sandusky Middle School. He is very involved in the Virginia Young Democrats Black Caucus and serves as the Co-Vice President for the Central Virginia Young Democrats. He graduate from Amherst High School in 2025 and is currently enrolled at New Hampshire University. He is looking forward to being a leader in his community.

<u>BOARD ACTION</u>

After review, Mr. Wilson made the following motion: The Virginia Soil and Water Conservation Board approves the appointments of the individuals being recommended.

Ms. Cornnell seconded the motion, which was unanimously approved by: Cornnell, Dunn, Mills, Pemberton, Schick, and Wilson.

<u>OLD BUSINESS</u>

There was no old business for the Board to consider.

<u>NEW BUSINESS</u> – *Christine Watlington Jones, Policy and District Services Manager*

The Board received a letter from the Thomas Jefferson Soil and Water Conservation District (TJSWCD) requesting improvements to the Virginia Agricultural Cost Share Program to ensure more consistent implementation and verification of cover crops across all Districts. The District noted that differences in interpretation and administration among Districts have created inconsistencies for both producers and staff. They asked the Board, in coordination with DCR, to consider developing clearer statewide guidance, standardized verification protocols, staff training opportunities, enhanced oversight measures, and engagement of experienced District staff in this process.

The District emphasized that greater consistency would help ensure equitable treatment of producers, strengthen confidence in reported conservation outcomes, and support the effective use of public funds. They expressed appreciation for the Board's leadership and offered to assist further as improvements for program year 2027 are considered.

The Board held an in-depth discussion regarding the letter from the Thomas Jefferson Soil and Water Conservation District, with several members sharing their experiences with the cover crop program. The discussion highlighted the need for additional training and further clarification of program requirements to ensure consistent implementation across all Districts. The Board agreed to establish a smaller working group to review the recommendations outlined in the letter, along with suggestions raised by Board members. This group will consist of Mr. Dunn, Mr. Pemberton, and Ms. Cornnell.

<u>BOARD ACTION</u>

The Board discussed the agricultural BMP standards. After discussion, Mr. Mills made a motion to implement the following language:

"A good stand and good growth of vegetative winter cover must be obtained by January 1 to protect the area from nutrient leaching and runoff in the fall and winter. All cover crop plantings must maintain a minimum of 60% cover crop plant material on the enrolled acres from January 1 through the lifespan of the practice. District staff will conduct field visits no later than January 31 to verify required cover has been established."

Ms. Cornnell seconded the motion, which was approved by: Cornnell, Dunn, Mills, Pemberton, Schick, and Wilson.

Mr. Pemberton opposed the motion.

<u>PARTNER REPORTS</u>

Natural Resources Conservation Service – John Womack

Mr. Womack gave the report for the Natural Resources Conservation Service.

Virginia Cooperative Extension – Matt Lail, Virginia Cooperative Extension

Mr. Lail gave the report for the Virginia Cooperative Extension.

Virginia Association of Soil and Water Conservation Districts – Dr. Kendall Tryree, VASWCD Executive Director

Dr. Tyree gave the report for the Virginia Association of Soil and Water Conservation Districts.

PUBLIC COMMENT

There was no public comment.

NEXT MEETINGS

The Board discussed scheduling its next meeting, which will be held in July. Ms. Watlington Jones requested that Board members complete the scheduling survey that Ms. Lindsey d distributed following the meeting.

Mr. Mills also provided additional information regarding the Board's planned field visit to his farm in September.

ADJOURN

The meeting adjourned at 1:34 p.m.

Approval of Policy on Soil and Water Conservation District Administration and Operations Funding Allocations for Fiscal Year 2027

Chapter _____, 2026 Special Session 1 Acts of Assembly, Item 362

A.1. Out of the amounts appropriated for Financial Assistance to Virginia Soil and Water Conservation Districts, $40,044,091 the first year and $15,044,091 the second year from the general fund shall be provided to soil and water conservation districts for administrative and operational support. These funds shall be distributed upon approval by the Virginia Soil and Water Conservation Board to the districts in accordance with the Board's established financial allocation policy. Of this amount, $12,809,091 the first year and $12,809,091 the second year from the general fund shall be distributed to the districts for core administrative and operational expenses (personnel, training, travel, rent, utilities, office support, and equipment) based on identified budget projections and in accordance with the Board's financial allocation policy; $468,000 the first year and $468,000 the second year from the general fund shall be distributed at a rate of $4,500 per dam for maintenance; $26,500,000 the first year and $1,500,000 the second year from the general fund for small dam repairs of known or suspected deficiencies; and $267,000 the first year and $267,000 the second year to the department to provide district support in accordance with Board policy, including, but not limited to, services related to auditing, bonding, contracts, and training. The amount appropriated for small dam repairs of known or suspected deficiencies and the purchase and installation of remote monitoring equipment is authorized for transfer to the Soil and Water Conservation District Dam Maintenance, Repair, and Rehabilitation Fund. Notwithstanding the provisions of §10.1-611.1, Code of Virginia, the department is authorized to use interest earnings from the Soil and Water Conservation District Dam Maintenance, Repair, and Rehabilitation Fund to support two positions to oversee maintenance, repair, and rehabilitation projects necessary for District-owned dams to be in compliance with the Dam Safety Act (§10.1-604 et seq.) and attendant regulations.

§ 10.1-505. Duties of Board.

In addition to other duties and powers conferred upon the Board, it shall have the following duties and powers:
1. To give or loan appropriate financial and other assistance to district directors in carrying out any of their powers and programs.
3. To oversee the programs of the districts.
11. To provide, from such funds appropriated for districts, financial assistance for the administrative, operational and technical support of districts.

Recommended Motion:

The Virginia Soil and Water Conservation Board approves the Policy on Soil and Water Conservation District Administration and Operations Funding Allocations for Fiscal Year 2027.

NOTE: This agenda item contains correspondence received from the Colonial Soil and Water Conservation District regarding the administration and operations allocations and the additional funding scenario that was provided to the Board on June 1, 2026. In this scenario, Districts that requested increased funding received that increase, up to 14.84%. Districts that received exactly the increase requested are highlighted in blue; Districts that were capped at the 14.84% increase are highlighted in green. For Districts that requested less funding, the reduction was capped at 15% (highlighted in yellow).

VIRGINIA SOIL AND WATER CONSERVATION BOARD POLICY ON SOIL AND WATER CONSERVATION DISTRICT ADMINISTRATION AND OPERATIONS FUNDING ALLOCATIONS FOR FISCAL YEAR ~~2026~~ 2027

(Approved by Board on ~~May 28, 2025~~ July 24, 2026)

1. Purpose:

This Policy document specifies the Virginia Soil and Water Conservation Board's (Board) process by which funds are to be allocated by the Department of Conservation and Recreation (Department) to the Commonwealth's 47 local Soil and Water Conservation Districts (Districts) for administrative and operational support in Fiscal Year ~~2026~~ 2027. A separate Policy shall govern the Fiscal Year ~~2026~~ 2027 distribution of cost-share and technical assistance funds to Districts.

2. Authority:

This funding distribution Policy is required in accordance with Item ~~359~~ 362 of Chapter ~~725~~ [ ] of the ~~2025~~ 2026 Session Acts of Assembly (the ~~2025~~ 2026 Appropriation Act) that specifies that the "funds shall be distributed upon approval by the Virginia Soil and Water Conservation Board to the districts in accordance with the Board's established financial allocation policy". Funds subject to this Policy are set out in Sub-program 50320 (Financial Assistance to Soil and Water Conservation Districts) and are guided by the following specific budget provisions within Item ~~359~~ 362:

> ~~A.1. Out of the amounts appropriated for Financial Assistance to Virginia Soil and Water Conservation Districts, $15,044,091 the first year and $15,044,091 the second year from the general fund shall be provided to soil and water conservation districts for administrative and operational support. These funds shall be distributed upon approval by the Virginia Soil and Water Conservation Board to the districts in accordance with the Board's established financial allocation policy. Of this amount, $12,809,091 the first year and $12,809,091 the second year from the general fund shall be distributed to the districts for core administrative and operational expenses (personnel, training, travel, rent, utilities, office support, and equipment) based on identified budget projections and in accordance with the Board's financial allocation policy; $468,000 the first year and $468,000 the second year from the general fund shall be distributed at a rate of $4,500 per dam for maintenance; $1,500,000 the first year and $1,500,000 the second year from the general fund for small dam repairs of known or suspected deficiencies; and $267,000 the first year and $267,000 the second year to the department to provide district support in accordance with Board policy, including, but not limited to, services related to~~

~~auditing, bonding, contracts, and training. The amount appropriated for small dam repairs of known or suspected deficiencies and the purchase and installation of remote monitoring equipment is authorized for transfer to the Soil and Water Conservation District Dam Maintenance, Repair, and Rehabilitation Fund. Notwithstanding the provisions of § 10.1-611.1, Code of Virginia, the department is authorized to use interest earnings from the Soil and Water Conservation District Dam Maintenance, Repair, and Rehabilitation Fund to support two positions to oversee maintenance, repair, and rehabilitation projects necessary for District-owned dams to be in compliance with the Dam Safety Act (§ 10.1-604 et seq.) and attendant regulations.~~

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A.1. Out of the amounts appropriated for Financial Assistance to Virginia Soil and Water Conservation Districts, $40,044,091 the first year and $15,044,091 the second year from the general fund shall be provided to soil and water conservation districts for administrative and operational support. These funds shall be distributed upon approval by the Virginia Soil and Water Conservation Board to the districts in accordance with the Board's established financial allocation policy. Of this amount, $12,809,091 the first year and $12,809,091 the second year from the general fund shall be distributed to the districts for core administrative and operational expenses (personnel, training, travel, rent, utilities, office support, and equipment) based on identified budget projections and in accordance with the Board's financial allocation policy; $468,000 the first year and $468,000 the second year from the general fund shall be distributed at a rate of $4,500 per dam for maintenance; $26,500,000 the first year and $1,500,000 the second year from the general fund for small dam repairs of known or suspected deficiencies; and $267,000 the first year and $267,000 the second year to the department to provide district support in accordance with Board policy, including, but not limited to, services related to auditing, bonding, contracts, and training. The amount appropriated for small dam repairs of known or suspected deficiencies and the purchase and installation of remote monitoring equipment is authorized for transfer to the Soil and Water Conservation District Dam Maintenance, Repair, and Rehabilitation Fund. Notwithstanding the provisions of § 10.1-611.1, Code of Virginia, the department is authorized to use interest earnings from the Soil and Water Conservation District Dam Maintenance, Repair, and Rehabilitation Fund to support two positions to oversee maintenance, repair, and rehabilitation projects necessary for District-owned dams to be in compliance with the Dam Safety Act (§ 10.1-604 et seq.) and attendant regulations.

In addition to the authorities set out in the ~~2025~~ 2026 Appropriation Act, the *Code of Virginia* contains the following Board duties applicable to this Policy:

> **§ 10.1-505. Duties of Board.**
> In addition to other duties and powers conferred upon the Board, it shall have the following duties and powers:
>
> 1. To give or loan appropriate financial and other assistance to district directors in carrying out any of their powers and programs….
> 3. To oversee the programs of the districts….
> 9. To provide for the conservation of soil and water resources, control and prevention of soil erosion, flood water and sediment damages thereby preserving the natural resources of the Commonwealth….
> 11. To provide, from such funds appropriated for districts, financial assistance for the administrative, operational and technical support of districts.

3. Definitions:

"District" or "local soil and water conservation district" or "SWCD" means a political subdivision of the Commonwealth organized in accordance with the provisions of the Code of Virginia contained in Chapter 5 of Title 10.1 (§ 10.1-500 et seq.) and with the powers and duties set out in Chapters 1, 5, 6, and 21.1 of Title 10.1 of the *Code of Virginia*.

"FTE" means a full time equivalent position.

"Total Maximum Daily Load" or "TMDL" means a calculation of a maximum amount of a pollutant that a waterbody can receive and still meet water quality standards.

4. Allocation Process:

For Fiscal Year ~~2026~~ 2027, $12,809,091 (Item ~~359~~ 362 A.1 - see Part 2, Authority) is available for allocations to the Districts for administrative and operational support. Additional ~~, including~~ funding is available for small dam repairs ($468,000)~~,~~ and to the Department f~~or the~~

~~administration of contracts in support of the Districts~~ to provide support to Districts including services related to auditing, bonding, contracts, and training ($267,000). Those allocations are set out in Attachment A and are developed in accordance with Part 4.

SWCD (Column 1)

For Fiscal Year ~~2026~~ 2027, the 47 listed Districts will be eligible for administration and operations funding allocations.

ADMINISTRATION AND OPERATIONS CORE FUNDING (Column 2):

For the purposes of the Fiscal Year ~~2026~~ 2027 Policy allocations, District allocations have been based on the budget templates submitted by each District as part of the ~~FY2025~~ FY2026 end-of-year reporting requirements. The Board has funded Districts based on their needs as demonstrated in the budget template. Districts shall ensure that funds provided in Fiscal Year ~~2026~~ 2027 are utilized to support and deliver the Virginia Agricultural Cost-Share Program and other *Code of Virginia* specified responsibilities. No funds shall be obligated or expended for the design, implementation, or installation of BMPs unless they are fully consistent with BMP specifications that have been formally approved by the Virginia Soil and Water Conservation Board, the Department, the Department of Environmental Quality or the Natural Resources Conservation Service.

DAM MAINTENANCE $4,500/dam) (Column 3)

For Fiscal Year ~~2026~~ 2027, $468,000 is provided for out of the amounts appropriated in Item ~~359~~ 362 A.1. of the ~~2024~~ 2026 Appropriation Act (Sub-program 50320) for the maintenance of the Districts' ~~104~~ 103 impounding structures. The funds will be distributed at a rate ~~This represents a total~~ of $4,500 per dam.

NUMBER OF DAMS (Column 4)

This column indicates the distribution of the Districts' ~~104~~ 103 impounding structures within the 12 Districts that have dams.

SUBTOTAL ADMINISTRATION AND OPERATIONS ALLOCATIONS (Column 5)

This column represents the total amounts the specified District will receive during Fiscal Year ~~2026~~ 2027 to support the administration and operations within the District (Sum of Columns 2 and 3). The District may also be eligible for additional allocations from the Small Dam Repair funds (Column 6). For Fiscal Year ~~2026~~2027, this total amount (the Sum of Columns 2 and 3) is ~~$13,277,091~~ $13,272,591.

SMALL DAM REPAIR Item 357 A.1. (Column 6)

For Fiscal Year ~~2026~~ 2027, $1,500,000 for small dam repairs is appropriated in Item ~~359~~ 362 A.1. of the ~~2025~~ 2026 Appropriation Act (Sub-program 50320) for the maintenance and small repairs to the Districts' ~~104~~103 impounding structures. Purchasing procedures consistent with the Virginia Public Procurement Act shall be followed. To be eligible for the funding, Districts shall apply for consideration in accordance with guidance issued by the Department's District Engineering Services Unit in the Division of Soil and Water Conservation. Once awards are determined, at the District's request, the Department is authorized to provide an initial drawdown of the approved funding amount based on actual contract needs. Final disbursement of grant funds shall be disbursed on a reimbursement basis only. A project close-out letter will be issued by the District Dam Engineer once all required documentation has been reviewed and approved. The project close-out letter will authorize the final disbursement of project funds as supported by the financial documentation provided, up to a total amount not to exceed the amount of the award. Upon the final disbursement of project funds, any unexpended funds shall be returned to the Soil and Water Conservation District Dam Maintenance, Repair, and Rehabilitation Fund, shall be unobligated, and shall be available for subsequent project awards. The Dam Maintenance, Repair, and Rehabilitation Fund Grant Agreement for each award contains additional procedural and compliance details.

DCR MANAGED FUNDS FOR DISTRICT SUPPORT (Column 7)

An amount of $267,000 is set aside to provide for support of District requirements and responsibilities set out in Chapter 5 of Title 10.1 of the Code of Virginia including, but not limited to, those relating to audits in § 10.1-535 of the Code as follows:

AUDITS OF DISTRICTS $~~140,000~~ $132,000)

Twenty-four audits (at up to $5,500) per audit) will be budgeted for during Fiscal Year ~~2026~~ 2027 for the Fiscal Year ~~2024~~ 2025 and ~~2025~~ 2026 period. These funds shall be used for any additional audit approved by the Audit Subcommittee of the Board and for which the Subcommittee directs the Department to pay and for any audit needed for a District if they exceed ~~$750,000~~ $1,000,000 in expenditures of federal funds in a one-year period. However, should it be found that audit expenses are less than that budgeted, the balance of these funds may be transferred to address **Other Support Expenses**.

> **§ 10.1-535. Bonds of officers and employees; records and accounts.**
> The district directors shall (i) provide for the execution of surety bonds for all employees and officers who shall be entrusted with funds or property; (ii) provide for the keeping of a full and accurate record of all proceedings and of all resolutions, regulations, and orders issued or adopted; and (iii) provide for an annual audit of the accounts of receipts and disbursements by the Auditor of Public Accounts or a certified public accountant approved by him.

VIRGINIA ASSOCIATION OF SOIL AND WATER CONSERVATION DISTRICTS (ASSOCIATION) CONTRACT ($78,000):

For Fiscal Year ~~2026~~ 2027, $78,000 has been set aside to contract with the Association to perform duties that generally include, but are not limited to, the following:

a. Administrative ($12,000)
    - Communications
      This item supports maintaining and updating an Association website; maintaining a District e-mail list serve; conducting conference calls relating to board meetings, committee meetings, and other partner meetings; and conducting appropriate mailings.
    - Accounting Services
      This item supports the reimbursement of costs associated with performance of accounting services and fiscal management related to Association financial

records and accounts.

b. Statewide Training Initiatives that Enhance Skills & Capabilities of District Directors & Staff ($61,000)
   - Minimum of four statewide partner meetings during the grant period
     This item supports forums for discussion of issues relevant to Districts and the Department and their partners.
   - Provide assistance and support to Districts
   - This item includes costs associated with assisting District committees, including the Executive Board meetings.
   - District Director Trainings
     This item supports the Association conducting statewide director trainings throughout the year in varying locations across the state or electronically, including at the annual meeting. As schedules permit, staff will also provide training to individual districts on topics at their request.
   - District Staff Trainings
     This item supports the Association conducting statewide trainings throughout the year in varying locations across the state or electronically, including at the annual meeting. Training opportunities will be provided for both administrative and technical staff and will be coordinated with the Department to address any identified training needs. As schedules permit, staff will also provide training to individual districts on topics at their request.
   - Annual Meeting of Soil & Water Conservation Districts
     This item supports the expenses associated with planning, promoting, and implementing a statewide annual meeting event for Virginia's 47 districts.
   - Additional Professional Services for Districts
     This item supports the Association providing additional professional services for Districts. Professional services may include services within the practice of accounting, human resources, information technology, or other needed resource. Any service should include a training component, in addition to being a continuing resource for Districts.

c. District Development & Outreach ($5,000)
   - Area Meetings
     This item supports the Association in their support and assistance in work related to hosting six Area meetings. Each Area will be provided up to $200 per Area meeting.
   - Compile, revise, post on the Association web site, print (limited quantity) the SWCD Directory, assist with printed copy distribution and maintain an online directory.
     This item supports Directory production and online updates throughout the year.

Use of any funds made available by the Department through this Agreement are prohibited from being utilized to support any lobbying activities by Association members or others.

The Department shall release funding to the Association on a cost reimbursement basis upon receipt and approval of the Association's quarterly and final reports. Any cost overruns incurred by the Association during the time of performance shall be the responsibility of the Association.

OTHER SUPPORT EXPENSES (~~$49,000~~ $57,000):

- Clean Water Farm Award (CWFA) support. This includes, but is not limited to, production of local CWFA signs; production of Basin Winner Medallion signs; the framing of resolutions; and reception costs, mileage, and lodging for program winners.
- Revisions or limited printings of the *Virginia Agricultural Cost-share Manual*, *Desktop Procedures for District ~~Fiscal~~ Operations*, the SWCD Director ~~Handbook~~ Resource Notebook and Director Orientation materials.
- Training opportunities related to conservation planning, engineering job approval authority, implementation of the Virginia Agricultural Best Management Practices Cost-Share (VACS) Program, and administrative and financial operations of Districts.
- Training opportunities for Department staff that will enhance their ability to assist Districts including attending spring area meetings and the annual meeting of Soil and Water Conservation Districts.
- Printing of educational and marketing brochures.
- To cover identified shortages in other estimated categories.

During the fiscal year, the Department shall make periodic assessments of any unused balance in the DCR Managed Funds for District Support category and determine where adjustments should be made to optimize expenditure of category funding.

In accordance with this Policy, the Department is authorized to enter agreements or contracts for the activities specified above.

5. Disbursement Schedule:

Disbursements to Districts shall be conducted on a semi-annual basis in accordance with the DEPARTMENT OF CONSERVATION AND RECREATION AND VIRGINIA SOIL AND WATER CONSERVATION DISTRICT (Department/ District) GRANT AGREEMENT: Administrative and Operational Support from the Commonwealth of Virginia. Except due to extenuating circumstances or as otherwise set out in the Grant Agreement, disbursements to Districts will be executed within 45 calendar days following the beginning of the first and third quarter contingent upon the satisfactory completion of database updates and the receipt of complete and accurate reports.

6. Grant Agreements and Accountability:

On behalf of the Board and in accordance with this Policy and a Grant Agreement entered between the Department and each District, such District shall receive administrative and operational support funding only after the Fourth Quarter Fiscal Year ~~2025~~ 2026 report has been submitted (including the District's End of Year Cash Balance Report, and Carry Over Report) and upon the complete execution of the Grant Agreement and the return of an original signed Agreement to the District's assigned Department Conservation District Coordinator (CDC). The

Grant Agreement shall include the Board's expected outcomes or "deliverables" for each District as a result of the funding provided. The Fiscal Year ~~2026~~ 2027 Grant Agreement template shall be approved by the Board.

The Department is directed by the Board to assess at the end of Fiscal Year ~~2026~~ 2027 each District's success in meeting the deliverables utilizing an A (fully satisfied), B (partially fulfilled), and C (did not fulfill) evaluation scale.

The results of the assessment, the two-year financial audit, and the cost-share file audit shall be shared with the Audit Subcommittee~~,~~ and the Board as needed. In conjunction with the results, any explanations or actions taken by the District as result of the assessment, financial audit, or cost-share file audit should be presented to the Audit Subcommittee. For any Districts where deficiencies were noted in the assessment, financial audit, or the cost-share file audit, the Audit Subcommittee shall direct actions for the District, and the Department if applicable, to take to address the deficiencies. The timeframe for the actions to be taken shall also be established by the Audit Subcommittee. A letter to the District Chair from the Audit Subcommittee Chair shall provide notice of the actions taken by the Subcommittee, or Board if applicable, and the expectations for District action. Additionally, the Audit Subcommittee or the Board may request the District Board Chair or a designated Director attend the next scheduled Audit Subcommittee meeting to discuss the actions taken by the District or to address concerns raised by the Subcommittee.

If during a District's financial audit, either additional or repeat comments are cited, the Audit Subcommittee may require the District undergo a special audit to ensure the integrity of the District's financial policies and procedures. Any special audits will be conducted at the expense of the District and will be reduced from the upcoming fiscal year's allocation.

The Board continues to reserve the right to make funding adjustments to future fiscal year's funding allocations and/or other fiscal corrective actions, including those related to special audits, in accordance with Part 7.

7. Noncompliance with this Policy:

In the event any District fails to comply with the provisions of this Policy, the Board reserves the right to require repayment of previously issued funds and/or direct further appropriate actions based upon noncompliance circumstances. Should an issue arise that impacts funding, the affected District(s) will be apprised of the issue(s) and provided an opportunity to address the concerns of the Board prior to Board action. The Board may reduce future funding to Districts that fail to act upon guidance and recommendations from auditors, the Department, the Audit Subcommittee, and the Board. Decisions and Board actions will be addressed on a case-by-case basis.

8. Unexpended State Funds Maintained by Districts:

Administration and operational support funds issued to Districts that remain unexpended at the close of the grant period will remain in the District's account(s).

It is unadvisable for any District to accumulate more than about twelve months of undedicated reserve funds. Public funds from local, state, and federal sources are provided to Districts not for savings, but strictly for performance of conservation. The Department will monitor the growth of unexpended funds through Grant Agreement required audit reports and report situations of concern to the Board.

9. Criteria for Financial Assistance:

Funding granted to Districts is contingent upon appropriations by the General Assembly. Should a reduction of funds occur during the course of Fiscal Year ~~2026~~ 2027, after the Department has utilized all unallocated and unobligated balances it may have available, every District will receive an equal percent reduction which will be calculated and deducted from each District's total approved administrative and operational funding specified within this Policy and the Department/District Grant Agreement (excluding dam maintenance funding). If additional direction is necessary, the Department shall consult with the Board. Should a reduction of funds occur, every District must return funding within 30 days of receiving notice of such reduction from the Department.

In the event a new District is formed or an existing District alters its boundaries, the Board will examine the total financial resources under its control and its priorities for use of these funds and adhere to its Policy titled Financial Commitments For Establishment of a New Soil & Water Conservation District (SWCD/district), or Realignment of an Existing District on all funding decisions in this Policy. The newly created or altered District may be funded at a reduced level, or may be required to share funding in an arrangement determined by the Board until sufficient funding is made available to fulfill provisions of this Policy and priorities of the Board.

Expenditure of District funds, regardless of source, will be made without regard to any person's race, color, religion, sex, age, national origin, handicap, or political affiliation.

All funds received by Districts are public funds and provision of the Freedom of Information Act shall apply to financial records, unless otherwise specified within the Act or elsewhere in the *Code of Virginia*. Each District shall safeguard, provide accountability, and expend funds only for approved purposes.

10. Electronic Copy:

An electronic copy of this policy guidance in PDF format is available on the Department of Conservation and Recreation's website at http://www.dcr.virginia.gov/laws-and-regulations/lr8a.

11. Contact Information:

Please contact the Department of Conservation and Recreation's Soil and Water Conservation Division by calling the Division's Administrative Support at 804-225-3653 with any questions regarding the application of this Policy. The call shall be referred to program staff accordingly.

12. Authorization:

Upon the approval of this Policy, the Department shall, in accordance with its fiduciary powers and responsibilities, make and enter into any and all Grant Agreements and contracts, and take all actions necessary, to fully implement and administer this Policy.

13. Adoption, Amendments, and Repeal:

This document supersedes the Board's Policy titled Policy on Soil and Water Conservation District Administration and Operations Funding Allocations for Fiscal Year ~~2025~~ 2026 adopted ~~June 26, 2024~~May 28, 2025 and will remain in effect until rescinded or superseded.

Attachment A: Fiscal Year 2026 Virginia Soil and Water Conservation District Administration and Operations Funding Allocations

District	FY2026 Adminstration and Operations Core Funding	# of dams	Dam Maintenance ($4,500 per dam)	Subtotal Administration and Operations Allocations	Small Dam Repair Funds	DCR Managed Funds for District Support	Total
APPOMATTOX RIVER	$220,331		$0	$220,331			$220,331
BIG SANDY	$175,690		$0	$175,690			$175,690
BIG WALKER	$282,231		$0	$282,231			$282,231
BLUE RIDGE	$285,638	10	$45,000	$330,638			$330,638
CHOWAN BASIN	$198,840		$0	$198,840			$198,840
CLINCH VALLEY	$191,821		$0	$191,821			$191,821
COLONIAL	$327,693		$0	$327,693			$327,693
CULPEPER	$553,384	11	$49,500	$602,884			$602,884
DANIEL BOONE	$204,477		$0	$204,477			$204,477
EASTERN SHORE	$249,006		$0	$249,006			$249,006
EVERGREEN	$136,096		$0	$136,096			$136,096
HALIFAX	$147,886		$0	$147,886			$147,886
HANOVER-CAROLINE	$384,673	1	$4,500	$389,173			$389,173
HEADWATERS	$486,608	11	$49,500	$536,108			$536,108
HENRICOPOLIS	$192,660		$0	$192,660			$192,660
HOLSTON RIVER	$178,603		$0	$178,603			$178,603
JAMES RIVER	$310,727		$0	$310,727			$310,727
JOHN MARSHALL	$269,438		$0	$269,438			$269,438
LAKE COUNTRY	$254,072		$0	$254,072			$254,072
LONESOME PINE	$155,599		$0	$155,599			$155,599
LORD FAIRFAX	$413,183	2	$9,000	$422,183			$422,183
LOUDOUN	$246,695		$0	$246,695			$246,695
MONACAN	$255,289		$0	$255,289			$255,289
MOUNTAIN	$157,147		$0	$157,147			$157,147
MOUNTAIN CASTLES	$144,547	4	$18,000	$162,547			$162,547
NATURAL BRIDGE	$216,910		$0	$216,910			$216,910
NEW RIVER	$249,129		$0	$249,129			$249,129
NORTHERN NECK	$300,047		$0	$300,047			$300,047
NORTHERN VA	$411,003		$0	$411,003			$411,003
PATRICK	$249,579		$0	$249,579			$249,579
PEAKS OF OTTER	$173,555		$0	$173,555			$173,555
PEANUT	$242,246		$0	$242,246			$242,246
PETER FRANCISCO	$204,261	17	$76,500	$280,761			$280,761
PIEDMONT	$273,946	14	$63,000	$336,946			$336,946
PITTSYLVANIA	$222,697		$0	$222,697			$222,697
PRINCE WILLIAM	$335,595		$0	$335,595			$335,595
ROBERT E. LEE	$197,675	6	$27,000	$224,675			$224,675
SCOTT COUNTY	$241,195		$0	$241,195			$241,195
SHENANDOAH VALLEY	$488,657	8	$36,000	$524,657			$524,657
SKYLINE	$228,350		$0	$228,350			$228,350
SOUTHSIDE	$222,420	12	$54,000	$276,420			$276,420
TAZEWELL	$174,208		$0	$174,208			$174,208
THOMAS JEFFERSON	$573,557	8	$36,000	$609,557			$609,557
THREE RIVERS	$442,717		$0	$442,717			$442,717
TIDEWATER	$279,194		$0	$279,194			$279,194
Tri-County/City	$319,802		$0	$319,802			$319,802
Virginia Dare	$340,014		$0	$340,014			$340,014
TOTAL	$12,809,091	104	$468,000	$13,277,091	$1,500,000	$267,000	$15,044,091

Attachment A: Fiscal Year 2027 Virginia Soil and Water Conservation District Administration and Operations Funding Allocations							
District	**FY2026 Adminstration and Operations Core Funding**	**# of dams**	**Dam Maintenance ($4,500 per dam)**	**Subtotal Administration and Operations Allocations**	**Small Dam Repair Funds**	**DCR Managed Funds for District Support**	**Total**
APPOMATTOX RIVER	$220,331		$0	$220,331			$220,331
BIG SANDY	$175,690		$0	$175,690			$175,690
BIG WALKER	$282,231		$0	$282,231			$282,231
BLUE RIDGE	$285,638	10	$45,000	$330,638			$330,638
CHOWAN BASIN	$198,840		$0	$198,840			$198,840
CLINCH VALLEY	$191,821		$0	$191,821			$191,821
COLONIAL	$327,693		$0	$327,693			$327,693
CULPEPER	$553,384	11	$49,500	$602,884			$602,884
DANIEL BOONE	$204,477		$0	$204,477			$204,477
EASTERN SHORE	$249,006		$0	$249,006			$249,006
EVERGREEN	$136,096		$0	$136,096			$136,096
HALIFAX	$147,886		$0	$147,886			$147,886
HANOVER-CAROLINE	$384,673	1	$4,500	$389,173			$389,173
HEADWATERS	$486,608	11	$49,500	$536,108			$536,108
HENRICOPOLIS	$192,660		$0	$192,660			$192,660
HOLSTON RIVER	$178,603		$0	$178,603			$178,603
JAMES RIVER	$310,727		$0	$310,727			$310,727
JOHN MARSHALL	$269,438		$0	$269,438			$269,438
LAKE COUNTRY	$254,072		$0	$254,072			$254,072
LONESOME PINE	$155,599		$0	$155,599			$155,599
LORD FAIRFAX	$413,183	2	$9,000	$422,183			$422,183
LOUDOUN	$246,695		$0	$246,695			$246,695
MONACAN	$255,289		$0	$255,289			$255,289
MOUNTAIN	$157,147		$0	$157,147			$157,147
MOUNTAIN CASTLES	$144,547	4	$18,000	$162,547			$162,547
NATURAL BRIDGE	$216,910		$0	$216,910			$216,910
NEW RIVER	$249,129		$0	$249,129			$249,129
NORTHERN NECK	$300,047		$0	$300,047			$300,047
NORTHERN VA	$411,003		$0	$411,003			$411,003
PATRICK	$249,579		$0	$249,579			$249,579
PEAKS OF OTTER	$173,555		$0	$173,555			$173,555
PEANUT	$242,246		$0	$242,246			$242,246
PETER FRANCISCO	$204,261	17	$76,500	$280,761			$280,761
PIEDMONT	$273,946	14	$63,000	$336,946			$336,946
PITTSYLVANIA	$222,697		$0	$222,697			$222,697
PRINCE WILLIAM	$335,595		$0	$335,595			$335,595
ROBERT E. LEE	$197,675	6	$27,000	$224,675			$224,675
SCOTT COUNTY	$241,195		$0	$241,195			$241,195
SHENANDOAH VALLEY	$488,657	8	$36,000	$524,657			$524,657
SKYLINE	$228,350		$0	$228,350			$228,350
SOUTHSIDE	$222,420	12	$54,000	$276,420			$276,420
TAZEWELL	$174,208		$0	$174,208			$174,208
THOMAS JEFFERSON	$573,557	7	$31,500	$605,057			$605,057
THREE RIVERS	$442,717		$0	$442,717			$442,717
TIDEWATER	$279,194		$0	$279,194			$279,194
Tri-County/City	$319,802		$0	$319,802			$319,802
Virginia Dare	$340,014		$0	$340,014			$340,014
TOTAL	$12,809,091	103	$463,500	$13,272,591	$1,500,000	$267,000	$15,039,591

Colonial Soil and Water Conservation District
205 Bulifants Blvd. Suite C, Williamsburg, VA 23188
www.colonialswcd.org

Date: May 26, 2026

To: Leigh Pemberton, Area III Representative
Soil and Water Conservation Board

From: Colonial Soil and Water Conservation District

RE: **FY27 Administrative and Operational Funds**

During the April 15 business meeting of the Soil and Water Conservation Board (SWCB), members discussed the Fiscal Year 2027 Policy on Soil and Water Conservation District Administration and Operations Funding Allocation.

During the discussion, DCR staff presented several funding allocation options based on the Attachment D submissions provided by Districts. A number of Districts requested less funding than they currently receive, indicating that existing allocation levels exceed their current administrative and operational needs.

Under funding allocation options based strictly on Attachment D submissions, those Districts would receive reduced Administrative and Operational funding for FY27. SWCB members expressed concern regarding the potential impact of these reductions, and the possibility of maintaining flat funding levels for FY27 was discussed. While flat funding would, in effect, "do no harm" to Districts that reported lower funding needs, it would create challenges for Districts that demonstrated increased need through their projected budgets.

Maintaining flat funding for FY27 would also diminish the value of the Attachment D submission process, limit funding adjustments for Districts with documented increased needs, and significantly weaken the ability of partners to justify requests for additional Administrative and Operational funding through the General Assembly process. Attachment D submissions showing that current funding levels are adequate could be interpreted as evidence that additional statewide funding is unnecessary.

Additionally, Administrative and Operational costs continue to rise for a variety of reasons. If Attachment D is intended to serve as the mechanism for allocating available

Administrative and Operational funding, then the information provided through that process should be meaningfully considered in funding decisions.

If DCR is able to provide an option that minimizes the impact on Districts reporting reduced funding needs while also increasing support for Districts demonstrating greater need, the Colonial SWCD Board of Directors respectfully requests that the SWCB move forward with that option.

The Colonial SWCD Board of Directors recognizes that reduced funding may create hardships for some sister Districts. However, this process may also encourage more accurate identification and communication of funding needs in future Attachment D submissions required as part of the FY27 grant agreements.

Respectfully submitted,

E Wayne Davis

E. Wayne Davis, Chair
Colonial Soil and Water Conservation District

CC: Charles Newton, Chair, Soil and Water Conservation Board
Christine Watlington-Jones, Policy and District Services Manager, DCR

A	B	C	D	E	F	G	H	I		
District	**FY2024 base administration and operations funding**	**Funding requested for base operations***	**Funding requested to implement CREP**	**Total funding requested for base operations + CREP**	**Funding requested for staff related to dams***	**Total funding requested by Districts (E+F)**	**Percent difference between FY2024 base and total funding requested**	**Pro-rata distribution before floor adjustment**	**Department recommendation for funding (capped at 15% reduction from FY2024 base)**	**Percent difference between FY2024 base and final recommended funding**
Appomattox River	$220,331	$218,191	$0	$218,191		$218,191	-1%	$218,191	$218,191	-1%
Big Sandy	$175,690	$158,000	$0	$158,000		$158,000	-10%	$158,000	$158,000	-10%
Big Walker	$282,231	$229,110	$30,900	$260,010		$260,010	-8%	$260,010	$260,010	-8%
Blue Ridge	$285,638	$225,030	$4,493	$229,523	$21,320	$250,843	-12%	$250,843	$250,843	-12%
Chowan Basin	$198,840	$285,000	$0	$285,000		$285,000	43%	$253,830	$228,340	15%
Clinch Valley	$191,821	$169,634	$0	$169,634		$169,634	-12%	$169,634	$169,634	-12%
Colonial	$327,693	$506,429	$0	$506,429		$506,429	55%	$418,318	$376,310	15%
Culpeper	$553,384	$540,698	$5,000	$545,698	$40,000	$585,698	6%	$585,698	$585,698	6%
Daniel Boone	$204,477	$210,500	$0	$210,500		$210,500	3%	$210,500	$210,500	3%
Eastern Shore	$249,006	$204,199	$0	$204,199		$204,199	-18%	$204,199	$211,655	-15%
Evergreen	$136,096	$301,623	$774	$302,397		$302,397	122%	$173,734	$156,287	15%
Halifax	$147,886	$169,440	$0	$169,440		$169,440	15%	$169,440	$169,440	15%
Hanover-Caroline	$384,673	$394,924	$0	$394,924	$9,589	$404,513	5%	$404,513	$404,513	5%
Headwaters	$486,608	$242,479	$7,640	$250,119	$91,211	$341,330	-30%	$341,330	$413,617	-15%
Henricopolis	$192,660	$174,073	$0	$174,073		$174,073	-10%	$174,073	$174,073	-10%
Holston River	$178,603	$189,902	$3,202	$193,104		$193,104	8%	$193,104	$193,104	8%
James River	$310,727	$226,900	$0	$226,900		$226,900	-27%	$226,900	$264,118	-15%
John Marshall	$269,438	$225,257	$0	$225,257		$225,257	-16%	$225,257	$229,022	-15%
Lake Country	$254,072	$216,617	$3,400	$220,017		$220,017	-13%	$220,017	$220,017	-13%
Lonesome Pine	$155,599	$155,599	$0	$155,599		$155,599	0%	$155,599	$155,599	0%
Lord Fairfax	$413,183	$349,881	$8,037	$357,918	$11,571	$369,489	-11%	$369,489	$369,489	-11%
Loudoun	$246,695	$371,590	$0	$371,590		$371,590	51%	$314,920	$283,295	15%
Monacan	$255,289	$395,500	$0	$395,500		$395,500	55%	$325,891	$293,164	15%
Mountain	$157,147	$141,000	$0	$141,000		$141,000	-10%	$141,000	$141,000	-10%
Mountain Castles	$144,547	$176,000	$1,700	$177,700	$17,300	$195,000	35%	$184,522	$165,992	15%
Natural Bridge	$216,910	$226,937	$0	$226,937		$226,937	5%	$226,937	$226,937	5%
New River	$249,129	$280,954	$8,013	$288,967		$288,967	16%	$288,967	$286,090	15%
Northern Neck	$300,047	$393,700	$0	$393,700		$393,700	31%	$383,027	$344,562	15%
Northern Virginia	$411,003	$547,451	$0	$547,451		$547,451	33%	$524,668	$471,979	15%
Patrick	$249,579	$118,652	$37,700	$156,352		$156,352	-37%	$156,352	$212,142	-15%
Peaks of Otter	$173,555	$140,000	$11,300	$151,300		$151,300	-13%	$151,300	$151,300	-13%

Peanut	$242,246	$250,000	$0	$250,000		$250,000	3%	$250,000	$250,000	3%
Peter Francisco	$204,261	$132,967	$0	$132,967	$52,850	$185,817	-9%	$185,817	$185,817	-9%
Piedmont	$273,946	$304,390	$3,300	$307,690	$37,550	$345,240	26%	$345,240	$314,589	15%
Pittsylvania	$222,697	$227,104	$0	$227,104		$227,104	2%	$227,104	$227,104	2%
Prince William	$335,595	$250,008	$0	$250,008		$250,008	-26%	$250,008	$285,256	-15%
Robert E. Lee	$197,675	$161,264	$0	$161,264	$4,100	$165,364	-16%	$165,364	$168,024	-15%
Scott County	$241,195	$240,150	$0	$240,150		$240,150	0%	$240,150	$240,150	0%
Shenandoah Valley	$488,657	$440,386	$0	$440,386	$69,293	$509,679	4%	$509,679	$509,679	4%
Skyline	$228,350	$136,900	$19,245	$156,145		$156,145	-32%	$156,145	$194,098	-15%
Southside	$222,420	$137,329	$0	$137,329	$9,440	$146,769	-34%	$146,769	$189,057	-15%
Tazewell	$174,208	$161,000	$0	$161,000		$161,000	-8%	$161,000	$161,000	-8%
Thomas Jefferson	$573,557	$601,052	$4,709	$605,761	$29,327	$635,088	11%	$635,088	$635,088	11%
Three Rivers	$442,717	$510,552	$0	$510,552		$510,552	15%	$510,552	$508,398	15%
Tidewater	$279,194	$279,200	$0	$279,200		$279,200	0%	$279,200	$279,200	0%
Tri-County/City	$319,802	$309,711	$0	$309,711		$309,711	-3%	$309,711	$309,711	-3%
Virginia Dare	$340,014	$357,000	$0	$357,000		$357,000	5%	$357,000	$357,000	5%
	$12,809,091	**$12,684,283**	**$149,413**	**$12,833,696**	**$393,551**	**$13,227,247**		**$12,809,091**	**$12,809,091**	

*** Information submitted by Districts on the 2027 Budget Template.**

NOTES: **Districts highlighted in blue are receiving an increase over their FY2024 base allocation at the requested amount.**
Districts highlighted in green are receiving an increase over their FY2024 base allocation, capped at 14.84% due to budget constraints
Districts highlighted in yellow are receiving a reduction from their FY2024 base, as requested, but capped at a maximum reduction of 15%.

Approval of Department of Conservation and Recreation and Virginia Soil and Water Conservation District Administration and Operational Support Grant Agreement (Fiscal Year 2027)

Chapter _____, 2026 Special Session 1 Acts of Assembly, Item 362

A.1. Out of the amounts appropriated for Financial Assistance to Virginia Soil and Water Conservation Districts, $40,044,091 the first year and $15,044,091 the second year from the general fund shall be provided to soil and water conservation districts for administrative and operational support. These funds shall be distributed upon approval by the Virginia Soil and Water Conservation Board to the districts in accordance with the Board's established financial allocation policy. Of this amount, $12,809,091 the first year and $12,809,091 the second year from the general fund shall be distributed to the districts for core administrative and operational expenses (personnel, training, travel, rent, utilities, office support, and equipment) based on identified budget projections and in accordance with the Board's financial allocation policy; $468,000 the first year and $468,000 the second year from the general fund shall be distributed at a rate of $4,500 per dam for maintenance; $26,500,000 the first year and $1,500,000 the second year from the general fund for small dam repairs of known or suspected deficiencies; and $267,000 the first year and $267,000 the second year to the department to provide district support in accordance with Board policy, including, but not limited to, services related to auditing, bonding, contracts, and training. The amount appropriated for small dam repairs of known or suspected deficiencies and the purchase and installation of remote monitoring equipment is authorized for transfer to the Soil and Water Conservation District Dam Maintenance, Repair, and Rehabilitation Fund. Notwithstanding the provisions of §10.1-611.1, Code of Virginia, the department is authorized to use interest earnings from the Soil and Water Conservation District Dam Maintenance, Repair, and Rehabilitation Fund to support two positions to oversee maintenance, repair, and rehabilitation projects necessary for District-owned dams to be in compliance with the Dam Safety Act (§10.1-604 et seq.) and attendant regulations.

§ 10.1-505. Duties of Board.

In addition to other duties and powers conferred upon the Board, it shall have the following duties and powers:
1. To give or loan appropriate financial and other assistance to district directors in carrying out any of their powers and programs.
3. To oversee the programs of the districts.
11. To provide, from such funds appropriated for districts, financial assistance for the administrative, operational and technical support of districts.

Recommended Motion:

The Virginia Soil and Water Conservation Board approves the Department of Conservation and Recreation and Virginia Soil and Water Conservation District Administration and Operational Support Grant Agreement (Fiscal Year 2027).

DEPARTMENT OF CONSERVATION AND RECREATION AND VIRGINIA SOIL AND WATER CONSERVATION DISTRICT (Department/ District) GRANT AGREEMENT:

Administrative and Operational Support from the Commonwealth of Virginia

Agreement Number **«AgreementN»**

This Agreement becomes effective as of the 1st day of July, ~~2025~~ 2026, between the Virginia Department of Conservation and Recreation (Department), herein referred to as the Department and the **«SWCD»** Soil and Water Conservation District (District), herein referred to as the District.

The parties of this Agreement, in consideration of the mutual covenants and stipulations set out herein, agree as follows:

(1) SCOPE OF SERVICE:
The District shall provide the services set forth in **Attachment A (*Fiscal Year ~~2026~~ 2027 Performance "Deliverables"*)**, the terms of which are incorporated herein. The Department, as directed by the Virginia Soil and Water Conservation Board (Board), shall assess at the end of Fiscal Year ~~2026~~ 2027 (~~FY26~~ FY27) each District's success in meeting the deliverables utilizing an A (fully satisfied), B (partially fulfilled), and C (did not fulfill) evaluation scale (**Attachment C**).

The results of the assessment, the two-year financial audit, and the cost-share file audit shall be shared with the Audit Subcommittee, and the Board as needed. In conjunction with the results, any explanations or actions taken by the District as result of the assessment, financial audit, or cost-share file audit should be presented to the Audit Subcommittee. For any Districts where deficiencies were noted in the assessment, financial audit, or the cost-share file audit, the Audit Subcommittee shall direct actions for the District, and the Department if applicable, to take to address the deficiencies. The timeframe for the actions to be taken shall also be established by the Audit Subcommittee. A letter to the District Chair from the Audit Subcommittee Chair shall provide notice of the actions taken by the Subcommittee, or Board if applicable, and the expectations for District action. Additionally, the Audit Subcommittee or the Board may request the District Board Chair or a designated Director attend the next scheduled Audit Subcommittee meeting to discuss the actions taken by the District or to address concerns raised by the Subcommittee.

If during a District's financial audit, either additional or repeat comments are cited, the Audit Subcommittee may require the District undergo a special audit to ensure the integrity of the District's financial policies and procedures. Any special audits will be conducted at the expense of the District and will be reduced from the upcoming fiscal year's allocation.

Failure to meet performance deliverables contained in **Attachment A** may result in funding adjustments to the District's future fiscal year's funding allocations by the Board. Such actions shall be taken at the recommendation of the Subcommittee and upon approval of the Board. The Board may also reduce future funding to Districts that fail to act upon guidance and recommendations from auditors, the Department, the Audit Subcommittee, and the Board. In the event the District fails to comply with the provisions of this Agreement, the Board reserves the right to require repayment of previously issued funds and/or direct further appropriate actions based upon noncompliance circumstances. Should an issue arise that impacts funding, the District will be apprised of the issue(s) and be provided an opportunity to address the concerns of the Board prior to Board action. Board actions will be considered on a case-by-case basis.

(2) TIME OF PERFORMANCE:
The services of the District shall commence on July 1, ~~2025~~ 2026 and shall terminate on June 30, ~~2026~~ 2027. All time limits stated are of the essence of this Agreement.

(3) COMPENSATION:
The District shall be funded by the Department for services as set forth in **Attachment A** and per the compensation agreement outlined in **Attachment B**. The Department's fiscal obligation under this Agreement is set forth in **Attachment B**. The Department's fulfillment of funding to the District which is specified within this Agreement is contingent upon appropriations by the Virginia General Assembly. Should a reduction of funds occur during the course of Fiscal Year ~~2026~~ 2027, after the Department has utilized all unallocated and unobligated balances it may have available, every District will receive an equal percent reduction which will be calculated and deducted from each District's total approved administrative and operational funding specified within the Department/District Grant Agreement (excluding dam maintenance funding). If additional direction

is necessary, the Department shall consult with the Board. Should a reduction of funds occur, every District must return funding within 30 days of receiving notice of such reduction from the Department.

The District shall spend the funds according to the specified categories as referenced in **Attachment B**. Completion of **Attachment E (*Project Financial Report*)**, and submission of the District Quarterly Cash Balance Sheet and quarterly Profit and Loss Statement, by deadlines established within this Agreement is required.

(4) MATCHING FUNDS:
The use of funds made available through this Agreement by the Department as a match commitment for other funding opportunities the District may pursue must be approved by the Department in writing in advance of any binding commitment entered into by the District. This requirement must be fulfilled to avoid double counting of match commitments against these funds. Match commitment requests will be considered on a case-by-case basis. The final decision is at the sole discretion of the Department.

(5) ASSISTANCE:
The Department agrees, upon request of the District, to furnish or otherwise make available to the District copies of existing non-proprietary materials in the possession of the Department that are reasonably related to the subject matter of this Agreement and are necessary to the District for completion of performance under this Agreement.

(6) GENERAL PROVISIONS:
The District is expected to comply with generally accepted financial accounting principles; to annually review the current version of **DCR's *Desktop Procedures for District ~~Fiscal~~ Operations*** (Effective date July 1, ~~2024~~ 2026); to modify existing accounting procedures to comply with the auditor and Board recommendations; to abide by laws and standards applicable to employment of staff; to develop and comply with internal policies regarding the Conflict of Interest Act that comport with State law; and to operate under a system of reasonable, adequate internal controls that provide integrity to all facets of District management and delivery of programs and services for the public good.

The District is encouraged to use the web-based purchasing system eVA, especially to announce District bid opportunities, invite bidders, receive quotes, and place orders for goods and services. Furthermore, all Districts shall participate throughout the Agreement period in the Commonwealth of Virginia's Financial Electronic Data Interchange (FEDI) program.

Expenditure of District funds, regardless of source, will be made without regard to any person's race, color, religion, sex, age, national origin, handicap, or political affiliation.

Nothing in this Agreement shall be construed as authority for either party to make commitments which will bind the other party beyond the Fiscal Year ~~2026~~ 2027 Performance Deliverables contained herein. The schedule of service set forth in **Attachment A and Attachment C** shall be deemed to have been consented to upon the execution of this Grant Agreement by the Department.

(7) TERMINATION:
This Agreement is established in the spirit of a conservation partnership. Either party may terminate this Agreement with cause, upon sixty (60) days written notice to the other party. The District shall not expend state funding awarded under this Agreement for services rendered or expenses incurred after receipt of such notice except such fees and expenses incurred prior to the effective date of termination that are necessary for curtailment of work under this Agreement. From the date of such notice, the District shall within 30 days refund a pro-rated amount based on a monthly value, minus any documented fees and expenses referenced above, to the Department.

In the event of breach by either party of this Agreement, either party shall have the right immediately to rescind, revoke, or terminate the Agreement. In such event either party will give written notice to the other specifying the manner in which the Agreement has been breached. When such a breach occurs, either party may be provided opportunity to correct the breach within sixty (60) days of receipt of the written notice. If acceptable corrections have not occurred by the close of that period, either party shall have the right to terminate this Agreement.

In the event of rescission, revocation, or termination, all documents and other materials related to the performance of this Agreement shall become the property of the Department.

(8) FINANCIAL RECORDS AVAILABILITY:
The District agrees to retain all books, records, and other documents relative to this Agreement for three (3) fiscal years from the end of Fiscal Year ~~2026~~ 2027. The Department, its authorized agents, and/or State auditors shall have full access to and the right to examine any of said materials during said period.

All funds received by Districts are public funds and provisions of the Freedom of Information Act shall apply to financial records, unless otherwise specified within the Act or elsewhere in the *Code of Virginia*. Each District shall safeguard, provide accountability, and expend funds only for approved purposes.

(9) PARTNERSHIP ACKNOWLEDGMENTS AND REPORTS:
In the spirit of the conservation partnership, the Board and Department work with, and make available support and assistance to, each District in a variety of ways. The conservation partnership will be enhanced through District recognition of its primary partner agencies within certain printed documents produced by the District. Specifically, the District's Strategic Plan (or SWCD 4-year Program and Resource Plan), Annual Plan, and Annual Report will acknowledge Board and Department support and financial assistance by written acknowledgment in the following format:

The Commonwealth of Virginia supports the (Name of district) Soil and Water Conservation District through financial and administrative assistance provided by the Virginia Soil and Water Conservation Board and the Department of Conservation and Recreation.

Acknowledgment of the Board's and Department's support within other publications and products is encouraged.

(10) REPORTS
The District agrees to provide to the Department timely and accurate reports as specified within this Agreement by the dates contained herein. Reports shall be submitted to the Department's Conservation District Coordinator (CDC) by the District on or before the following deadlines:

Quarters	Report Period	Report Deadline (due to CDC)
First **Quarter***	~~07/01/25 thru 09/30/25~~ 07/01/26 thru 09/30/26	~~**October 15, 2025**~~ **October 15, 2026**
Second **Quarter***	10/01/25 thru 12/31/25 10/01/26 thru 12/31/26	~~**January 15, 2026**~~ **January 15, 2027**
Third **Quarter***	01/01/26 thru 03/31/26 01/01/27 thru 03/31/27	~~**April 15, 2026**~~ **April 15, 2027**
Fourth **Quarter***	~~04/01/26 thru 06/30/26~~ 04/01/27 thru 06/30/27	~~**July 15, 2026**~~ **July 15, 2027**

*Fiscal Year ~~2026~~ 2027 funds will not be disbursed until the Fourth Quarter Fiscal Year ~~2025~~ 2026 reports have been submitted (including the District's End of Year Cash Balance Report and Carry Over Report) and until the complete execution of the Grant Agreement and the return of an original signed Agreement to the District's assigned Department CDC. Except due to extenuating circumstances, disbursements to Districts will be executed within 45 calendar days following the beginning of the first and third quarters contingent upon the satisfactory completion of database updates and the receipt of complete and accurate reports.

When the Report Deadline falls on a weekend, the deadline will be the following Monday. When the reporting deadline falls on a holiday, the deadline will be the next business day.

(11) COMPLIANCE WITH FEDERAL AND STATE LAWS AND REGULATIONS
The District is responsible for ensuring all administrative, financial, and operational activities are conducted in accordance with federal and state laws and the associated regulations including but not limited to the following: Fair Labor Standards Act of 1938, as amended; the State and Local Government Conflicts of Interest Act (§§2.2-3100 et seq.); Freedom of Information Act (§§2.2-3700 et seq.); Virginia Public Procurement Act (§§2.2-4300 et seq.); Virginia Security for Public Deposits Act (§§2.2-4400 et seq.); laws governing the establishment and operations of Soil and Water Conservation Districts (§§10.1-506–10.1-559); Virginia Public

Records Act (§§46.1-76 et seq.); state sales tax exemption (§58.1-609.1(16)); and the Appropriation Act.

In witness whereof the parties have caused this Agreement to be executed by the following duly authorized officials:

SOIL AND WATER CONSERVATION DISTRICT	DEPARTMENT OF CONSERVATION AND RECREATION
By: ______________________________	By: ____________________________________ Nikki Rovner, Director Department of Conservation and Recreation
Title: ________________________________	
Date: ____________________________	Date: ______________________________

Department/District Grant Agreement No. «AgreementN»

ATTACHMENT A
Soil and Water Conservation District (District)
Fiscal Year ~~2026~~ 2027 Performance "Deliverables"
For Acceptance of Department Funds to Administer This Agreement
and for Operating Expenses to the Extent that Funding Permits

- Demonstrates leadership by promoting nonpoint source pollution reduction and related conservation efforts through support of, reporting for, and/or implementation of the following programs:
    - The Virginia Agricultural BMP Cost-Share Program;
    - The Virginia Agricultural BMP Tax Credit Program;
    - Conservation Reserve Enhancement Program (CREP);
    - Voluntary BMP installation;
    - TMDL (Total Maximum Daily Load) development and implementation processes;
    - Agricultural Stewardship Act; and
    - Resource Management Plans (RMP) Program.

- Actively support and foster partnerships to deliver natural resource conservation programs with consideration to resource needs and issues with local governments, the agricultural community, agencies, organizations, councils, roundtables, and others to protect soil resources, improve water quality, and further natural resource conservation.

- Submit complete meeting minutes from all routine, special, and committee meetings of the District Board to the District's assigned Conservation District Coordinator (CDC). Complete meeting minutes follow the guidance provided in the ~~the~~ Desktop Procedures (page 4).

- Submit complete and accurate quarterly financial reports to the District's assigned CDC. Quarterly reporting includes utilizing the Fiscal Year ~~-~~ ~~2026~~ 2027 electronic template of the **Attachment E (Project Financial Report)**, submittal of a quarterly Profit and Loss Statement, and submittal of a quarterly Cash Balance Sheet. The Attachment E submittals must be signed by the District Treasurer or a Director/Associate Director with check signing authority. Two different signatures are required on the Attachment E submittal.

- *DCR's Desktop Procedures for District ~~Fiscal~~ Operations* (Procedures) are annually reviewed by the District Board ~~or their Finance Committee~~ and documented in official Board meeting minutes.

- District staff responsible for the District's administrative functions or financial data management and financial reporting, must attend trainings (i.e. Quickbooks, Accounting, Minutes, etc.) when provided by the Department.

- New directors are required to complete Director Orientation training within six months of qualifying for office.

- Provide data and other information needed for preparation of legislative studies and reports that pertain to programs and services delivered by Districts, as requested by the Department to support nonpoint source pollution reduction initiatives that improve water quality including information necessary to fulfill reporting specified within the Virginia Natural Resources Commitment Fund [§ 10.1-2128.1 of the Code of Virginia.]

- Submit a District Board approved, completed Attachment D (Itemized District Budget Request Form) for Fiscal Year 2029 to the Department no later than July 15, 2027.

- Hosted at least one agricultural community outreach event during the year that:
    - Was marketed through at least one venue that directed towards producers with small farms or producers considered socially disadvantaged;
    - Included an introduction of District, programs, staff and directors; and
    - Included a discussion featuring local agricultural producers that utilized the VACS Program;
    - Provided notice to partners, including the Virginia State University Small Farm Outreach Program, of the event and provided an opportunity to partners to participate in the agenda.

- Perform District Dam Maintenance as needed (if applicable to your District) with allocated funding.

- For Fiscal Year ~~2026~~ 2027, $1,500,000 for small dam repairs is appropriated (Sub-program 50320) for the maintenance and small repairs to the Districts' ~~104~~ 103 impounding structures. Any District receiving funds for the maintenance and small repairs of District-owned dams must adhere to the requirements established in the Virginia Soil and Water Conservation Board Policy on Soil and Water Conservation District Administration and Operations Funding Allocations for Fiscal Year ~~2026~~ 2027.

Department/District Grant Agreement No. «AgreementN»

ATTACHMENT B

COMPENSATION

I. OPERATIONAL

The total grant award by the Department to the District to support specific operational purposes shall be **$«TOTAL»** to support District actions that address the Commonwealth's water quality and natural resource conservation needs and to meet state and federal nutrient and sediment reduction requirements.

Description of Funding	**Amount**
Administration and Operations Core Funding (total to be evenly distributed on a semi-annual basis)	**$ «ESSENTIAL»**
Dam Maintenance (to be distributed the first quarter)	**$ «DAM_MAINT»**
Total Administrative and Operational Support	$ **«TOTAL»**

II. DISBURSEMENT OF FUNDS

Disbursements to Districts shall be conducted on a semi-annual basis.

The first disbursement of Fiscal Year ~~2026~~ 2027 funds will not be disbursed until the Fourth Quarter Fiscal Year ~~2025~~ 2026 reports have been submitted (including the District's End of Year Cash Balance Report and Carry Over Report) and until the complete execution of the Grant Agreement and the return of an original Agreement to the District's assigned Department CDC.

Except due to extenuating circumstances or as otherwise set out in the Grant Agreement, disbursements to Districts will be executed within 45 calendar days following the beginning of the first and third quarters contingent upon the satisfactory completion of database updates and the receipt of complete and accurate reports required under this Agreement.

Correspondence to the District from the Department will specify funding amounts and approved purposes of all funds disbursed. These letters constitute the Department's record of funding to the District.

Any cost overruns incurred by the District during the time of performance shall be the responsibility of the District.

ATTACHMENT C (Evaluation Guidance for Department/District Fiscal Year ~~2026~~ 2027 Grant Agreement Performance Deliverables)

Grant Agreement Performance Deliverable	Fully Satisfied "A"	Partially Fulfilled "B"*	Did Not Fulfill "C"*
1. Demonstrates leadership by promoting nonpoint source pollution reduction and related conservation efforts through support of, reporting for, and/or implementation of the following programs: • The Virginia Agricultural BMP Cost-Share Program • The Virginia Agricultural BMP Tax Credit Program • Conservation Reserve Enhancement Program (CREP) • Voluntary BMP installation • TMDL development and implementation processes • Agricultural Stewardship Act • Resource Management Plan (RMP) Program	Demonstrates implementation of all but one listed program applicable to the District. Demonstrates leadership in the conservation of soil and water resources.	Implements and supports conservation programs and initiatives applicable to the District but fails to effectively carry out or support two programs.	Fails to deliver and/or support programs and initiatives applicable to the District with multiple deficiencies demonstrated. Leadership in the conservation of soil and water resources is lacking or nonexistent.
2. Actively support and foster partnerships to deliver natural resource conservation programs with consideration to resource needs and issues with local governments, the agricultural community, agencies, organizations, councils, roundtables, and others to protect soil resources, improve water quality, and further natural resource conservation.	District actively supports and fosters partnerships.	District does not demonstrate commitment in forming relationships with other conservation groups.	District does not form relationships with other conservation groups. .
3. Holds meetings with a quorum of District board members present.	8 or more meetings.	6 or 7 meetings	5 meetings and fewer.
4. Submit complete meeting minutes from all routine, special, and committee meetings of the District Board to the District's assigned Conservation District Coordinator (CDC). Complete meeting minutes follow the guidance provided in the ~~the~~ Desktop Procedures (page 4).	CDC received complete minutes from all meetings.	CDC received complete minutes from some meetings.	CDC received no complete minutes from a majority of meetings.
5. Submit complete and accurate quarterly financial reports to the District's assigned CDC. Quarterly reporting includes utilizing the Fiscal Year ~~2026~~ 2027 electronic template of the **Attachment E (Project Financial Report)**, submittal of a quarterly Profit and Loss Statement, and submittal of a quarterly Cash Balance Sheet. The Attachment E submittals must be signed by the District Treasurer or a Director/Associate Director with check signing authority. Two different signatures are required.	Three or more reports were on time, complete, and accurate.	Two reports were on time, complete, and accurate.	One or fewer reports were on time, complete, and accurate.
6. *DCR's Desktop Procedures for District ~~Fiscal~~ Operations* (Procedures) annually reviewed by the District Board ~~or their Finance Committee~~ and documented in official Board meeting minutes.	A current copy of the Procedures was reviewed by the Board ~~or Finance Committee~~ once during the fiscal year.	N/A	A current copy of the Procedures was not reviewed by the Board ~~or Finance Committee~~ during the fiscal year.
7. District staff responsible for the District's administrative functions or financial data management and financial reporting, attended trainings (i.e. Quickbooks, Accounting, Minutes, etc.) when provided by the Department.	All District staff responsible for the administrative functions or financial data and reporting attended Department sponsored training(s).	Some of the District staff responsible for the administrative functions or financial data and reporting attended some of the Department sponsored training(s).	No District staff responsible for the administrative functions or financial data and reporting attended Department sponsored training(s).

8. New directors are required to complete Director Orientation training within six months of qualifying for office.	All new directors completed Director Orientation training sessions within six months of qualifying for office	Some new directors completed Director Orientation training or training was completed but not within 6 months.	New director(s) failed to complete Director Orientation training
9. Provide data and other information needed for preparation of legislative studies and reports that pertain to programs and services delivered by Districts, as requested by the Department and/or the Virginia Soil and Water Conservation Board to support nonpoint source pollution reduction initiatives that improve water quality including information necessary to fulfill reporting specified within the Water Quality Improvement Act [§ 10.1-21.1 et seq. of the Code of Virginia], Virginia Natural Resources Commitment Fund [§ 10.1-2128.1 of the Code of Virginia], the Chesapeake Bay and Virginia Waters Clean-up Plan [§.62.1-44.118 of the Code of Virginia] and the Appropriation Act.	All Department and/or the Virginia Soil and Water Conservation Board requests for information/assistance were fully addressed.	The Department's and/or the Virginia Soil and Water Conservation Board's requests were partially addressed with shortcomings that could include incomplete information; response delays, and other factors.	No cooperation and/or assistance provided when requested by the Department and/or the Virginia Soil and Water Conservation Board.
10. Hosted at least one agricultural community outreach event during the year that: • Was marketed through at least one venue that directed towards producers with small farms or producers considered socially disadvantaged; • Included an introduction of District, programs, staff and directors; and • Included a discussion featuring local agricultural producers that utilized the VACS Program; • Provided notice to partners, including the Virginia State University Small Farm Outreach Program, of the event and provided an opportunity to partners to participate in the agenda	The District hosted at least one outreach event that met all criteria.	-The District hosted at least one outreach event that met some criteria.	The District failed to host an outreach event that met criteria.
11. Submit a District Board approved, completed Attachment D (Itemized District Budget Request Form) for Fiscal Year 2029 to the Department no later than July 15, 2027.	Completed Attachment D received by due date and was complete.	Some portion of required Attachment D was late and/or incomplete.	The entire Attachment D was late and/or incomplete.

*

The basis for the ratings that are scored "Partially Fulfilled" or "Did Not Fulfill" will be documented through written comments by the CDC and discussed during a meeting of the District Board and staff. Such results will be shared with the Audit Subcommittee of the Virginia Soil and Water Conservation Board for their review and consideration.

ATTACHMENT E (Project Financial Report)
(Fillable Form Available from the Department)

(Example of 1st Quarter Report)

1st Quarter

Attachment E

*****OFFICIAL FISCAL YEAR 2026 FORM*****

Department of Conservation and Recreation
Virginia Nonpoint Source Management Program
Project Financial Report

SWCD: ______ **Agreement Number:** ______

Contact: ______ **Phone Number:** ______

Address: ______

Reporting Quarter Dates: 7/1/2025 (beginning) thru 9/30/2025 (closing)

NOTE: Only the Yellow fields are unprotected and capable of having data entered into them.
Please remember to enter a negative sign (-) when you enter Exenditures or Transfers Out. Thanks!

	Beginning Balance *	Transfers In/Out *(Must = 0)*	Adjusted Beginning Balance *(1) +/- (2)*	Receipts *(During the report period)*	Expenditures *(During the report period)*	Ending Balance
State Sources	(1)	(2)	(3)	(4)	(5)	(6)
Other: (Specify)			$0.00			$0.00
Other: (Specify)			$0.00			$0.00
Other: (Specify)			$0.00			$0.00
Other: (Specify)			$0.00			$0.00
Other: (Specify)			$0.00			$0.00
Other: (Specify)			$0.00			$0.00
Other: (Specify)			$0.00			$0.00
Other: (Specify)			$0.00			$0.00
Other: (Specify)			$0.00			$0.00
Other: (Specify)			$0.00			$0.00
Other: (Specify)			$0.00			$0.00
Other: (Specify)			$0.00			$0.00
Other: (Specify)			$0.00			$0.00
Other: (Specify)			$0.00			$0.00
Other: (Specify)			$0.00			$0.00
Other: (Specify)			$0.00			$0.00
Other: (Specify)			$0.00			$0.00
Other: (Specify)			$0.00			$0.00
~~Other: (Specify)~~			~~$0.00~~			~~$0.00~~
Other: (Specify)			$0.00			$0.00
Total State Sources	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Federal Sources	(1)	(2)	(3)	(4)	(5)	(6)
Other: (Specify)			$0.00			$0.00
Other: (Specify)			$0.00			$0.00
Other: (Specify)			$0.00			$0.00
Other: (Specify)			$0.00			$0.00
Other: (Specify)			$0.00			$0.00
Total Federal Sources	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Local/Other Sources	(1)	(2)	(3)	(4)	(5)	(6)
Other: (Specify)			$0.00			$0.00
Other: (Specify)			$0.00			$0.00
Other: (Specify)			$0.00			$0.00
Other: (Specify)			$0.00			$0.00
Other: (Specify)			$0.00			$0.00
Other: (Specify)			$0.00			$0.00
Other: (Specify)			$0.00			$0.00
Other: (Specify)			$0.00			$0.00
Other: (Specify)			$0.00			$0.00
Other: (Specify)			$0.00			$0.00
Other: (Specify)			$0.00			$0.00
Other: (Specify)			$0.00			$0.00
Other: (Specify)			$0.00			$0.00
Other: (Specify)			$0.00			$0.00
Other: (Specify)			$0.00			$0.00
Total Local/Other Sources	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
TOTAL (All Sources)	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00

* - The beginning balance is the amount of funds on hand at the start of the report period. The ending balance from the previous report period will become the beginning balance for the new report period. This figure will automatically carry forward to the next report period.

**** Must be signed by the District Treasurer or a Director/Associate Director with check signing authority. Two different signatures are required on the Attachment E submittal.**

Prepared by:			
	Print Name	Signature	Date
****Approved by:**			
	Print Name	Signature	Date

Completed reports should be directed to the district's assigned DCR Conservation District Coordinator by the deadlines established in this agreement.

~~7/1/2025~~

1st Quarter

Attachment E

*******OFFICIAL FISCAL YEAR 2027 FORM*******

Virginia Department of Conservation and Recreation
Division of Soil and Water Conservation
Project Financial Report

SWCD: ____________________ **Agreement Number:** ____________________

Contact: ____________________ **Phone Number:** ____________________

Address: ____________________

Reporting Quarter Dates: **7/1/2026** (beginning) **thru** **9/30/2026** (closing)

NOTE: Only the Yellow fields are unprotected and capable of having data entered into them.
Please remember to enter a negative sign (-) when you enter Expenditures or Transfers Out.

	Beginning Balance *	Transfers In	Transfers Out *must be (-)*	Adjusted Beginning Balance *(1) + (2) - (3)*	Receipts *(During the report period)*	Expenditures *(During the report period)*	Ending Balance	Notes
State Sources	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Other: (Specify)				$0.00			$0.00	
Other: (Specify)				$0.00			$0.00	
Other: (Specify)				$0.00			$0.00	
Other: (Specify)				$0.00			$0.00	
Other: (Specify)				$0.00			$0.00	
Other: (Specify)				$0.00			$0.00	
Other: (Specify)				$0.00			$0.00	
Other: (Specify)				$0.00			$0.00	
Other: (Specify)				$0.00			$0.00	
Other: (Specify)				$0.00			$0.00	
Other: (Specify)				$0.00			$0.00	
Other: (Specify)				$0.00			$0.00	
Other: (Specify)				$0.00			$0.00	
Other: (Specify)				$0.00			$0.00	
Other: (Specify)				$0.00			$0.00	
Other: (Specify)				$0.00			$0.00	
Other: (Specify)				$0.00			$0.00	
Other: (Specify)				$0.00			$0.00	
Other: (Specify)				$0.00			$0.00	
Other: (Specify)				$0.00			$0.00	
Total State Sources	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	
Federal Sources	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Other: (Specify)				$0.00			$0.00	
Other: (Specify)				$0.00			$0.00	
Other: (Specify)				$0.00			$0.00	
Other: (Specify)				$0.00			$0.00	
Other: (Specify)				$0.00			$0.00	
Total Federal Sources	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	
Local/Other Sources	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Other: (Specify)				$0.00			$0.00	
Other: (Specify)				$0.00			$0.00	
Other: (Specify)				$0.00			$0.00	
Other: (Specify)				$0.00			$0.00	
Other: (Specify)				$0.00			$0.00	
Other: (Specify)				$0.00			$0.00	
Other: (Specify)				$0.00			$0.00	
Other: (Specify)				$0.00			$0.00	
Other: (Specify)				$0.00			$0.00	
Other: (Specify)				$0.00			$0.00	
Other: (Specify)				$0.00			$0.00	
Other: (Specify)				$0.00			$0.00	
Other: (Specify)				$0.00			$0.00	
Other: (Specify)				$0.00			$0.00	
Other: (Specify)				$0.00			$0.00	
Total Local/Other Sources	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	
TOTAL (All Sources)	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	

* - The beginning balance is the amount of funds on hand at the start of the report period. The ending balance from the previous report period will become the beginning balance for the new report period. This figure will automatically carry forward to the next report period.

**** Must be signed by the District Treasurer or a Director/Associate Director with check signing authority. Two different signatures are required on the Attachment E submittal.**

Prepared by:	Print Name	Signature	Date
****Approved by:**	Print Name	Signature	Date

Completed reports should be directed to the district's assigned DCR Conservation District Coordinator by the deadlines established in this agreement.

7/1/2026

Approval of Policy and Procedures on Soil and Water Conservation District Cost-Share and Technical Assistance Funding Allocations (Fiscal Year 2027)

Chapter 725, 2025 Session Acts of Assembly, Item 359

X.1. Notwithstanding §10.1-2129 A., Code of Virginia, $26,296,400 the first year from the general fund shall be deposited to the Virginia Water Quality Improvement Fund established under the Water Quality Improvement Act of 1997. Of this amount in the first year, $8,905,800 is designated for deposit to the reserve within the Virginia Water Quality Improvement Fund.

2. Of the remaining amount in the first year, $17,390,600 is authorized for transfer to the Virginia Natural Resources Commitment Fund, a sub fund of the Water Quality Improvement Fund. Notwithstanding any other provision of law, the funds transferred to the Virginia Natural Resources Commitment Fund shall be distributed by the department upon approval of the Virginia Soil and Water Conservation Board in accordance with the board's developed policies to support Agriculture Best Management Practices needs in the next biennium.

3. The appropriation in this paragraph and in Item 365 of this act meets the mandatory deposit requirements associated with the fiscal year 2024 excess general fund revenue collections and discretionary year-end general fund balances.

Chapter _____, 2026 Special Session 1 Acts of Assembly, Item 362

A. 2. Out of the appropriation in this Item, $4,550,000 the first year and $4,550,000 the second year shall be provided for base technical assistance support for the Virginia Soil and Water Conservation Districts. These funds shall be distributed upon approval by the Virginia Soil and Water Conservation Board to the districts in accordance with the Board's established financial allocation policy. These amounts shall be in addition to any other funding provided to the districts for technical assistance for appropriations in excess of $35,000,000. The Virginia Soil and Water Conservation Board is authorized to utilize previous years' unobligated cost-share funds to provide technical assistance funding to Virginia Soil and Water Conservation Districts at a rate no higher than the technical assistance rate percentage funded in the current Appropriation Act.

D.1 Out of the appropriation in this Item, $10,000,000 the first year and $10,000,000 the second year from the Virginia Natural Resources Commitment Fund, a subfund of the Virginia Water Quality Improvement Fund, is hereby appropriated. The funds shall be dispersed by the department pursuant to §10.1-2128.1, Code of Virginia.

2. The source of an amount estimated at $10,000,000 the first year and $10,000,000 the second year to support the nongeneral fund appropriation to the Virginia Natural Resources Commitment Fund shall be the recordation tax fee established in Part 3 of this act.

3. Out of this amount, a total of thirteen percent, or $1,300,000, whichever is greater, shall be appropriated to Virginia Soil and Water Conservation Districts for technical assistance to farmers implementing agricultural best management practices, and $8,700,000 for Agricultural Best

Management Practices Cost-Share Assistance. Of the amount deposited for Cost-Share Assistance, seventy percent shall be used for matching grants for agricultural best management practices on lands in the Commonwealth exclusively or partly within the Chesapeake Bay watershed, and thirty percent shall be used for matching grants for agricultural best management practices on lands in the Commonwealth exclusively outside of the Chesapeake Bay watershed.

T. Notwithstanding §10.1-2129 A., Code of Virginia, $153,669,475 the first year from the general fund shall be deposited to the Virginia Water Quality Improvement Fund established under the Water Quality Improvement Act of 1997. Of this amount in the first year, $7,950,000 shall be appropriated to the Department for the following specified statewide uses: $6,000,000 for nonpoint source projects including direct pay initiatives for nutrient management and resource management plans as well as poultry litter transport; $700,000 for maintenance of the Conservation Application Suite; $500,000 to the Department of Forestry for the Virginia Trees for Clean Water program; $500,000 to the Department of Forestry for water quality grants; and $250,000 for the Commonwealth's match for participation in the Federal Conservation Reserve Enhancement Program (CREP). Notwithstanding Item 361 B., no deposit is designated to the reserve within the Virginia Water Quality Improvement Fund.

2. Of the remaining amount in the first year, $145,719,475 is authorized for transfer to the Virginia Natural Resources Commitment Fund, a sub fund of the Water Quality Improvement Fund. Notwithstanding any other provision of law, the funds transferred to the Virginia Natural Resources Commitment Fund shall be distributed by the Department upon approval of the Virginia Soil and Water Conservation Board in accordance with the board's developed policies, as follows: $88,743,160 shall be used for matching grants for Agricultural Best Management Practices on lands in the Commonwealth exclusively or partly within the Chesapeake Bay watershed, $38,032,783 shall be used for matching grants for Agricultural Best Management Practices on lands in the Commonwealth exclusively outside the Chesapeake Bay watershed, and an additional $18,943,532 in addition to the base funding provided in A.1. shall be appropriated for Technical Assistance for Virginia Soil and Water Conservation Districts.

3. The appropriation in this paragraph of this act meets the mandatory deposit requirements associated with the fiscal year 2025 excess general fund revenue collections and discretionary year-end general fund balances.

U. Notwithstanding any other provision of law, $58,000,000 the first year from interest accrued in the Virginia Natural Resources Commitment Fund is hereby appropriated to be distributed by the Department upon approval of the Virginia Soil and Water Conservation Board in accordance with the board's developed policies, as follows: $35,322,000 shall be used for matching grants for Agricultural Best Management Practices on lands in the Commonwealth exclusively or partly within the Chesapeake Bay watershed, $15,138,000 shall be used for matching grants for Agricultural Best Management Practices on lands in the Commonwealth exclusively outside the Chesapeake Bay watershed, and an additional $7,540,000 in addition to the base funding provided in A.1. shall be appropriated for Technical Assistance for Virginia Soil and Water Conservation Districts.

V. Notwithstanding any other provision of law, $83,883,443 the first year from the Water Quality Improvement Reserve Fund is hereby appropriated to be distributed by the Department upon approval of the Virginia Soil and Water Conservation Board in accordance with the board's developed policies, as follows: $51,085,016 shall be used for matching grants for Agricultural Best Management Practices on lands in the Commonwealth exclusively or partly within the Chesapeake Bay watershed, $21,893,579 shall be used for matching grants for Agricultural Best Management Practices on lands in the Commonwealth exclusively outside the Chesapeake Bay watershed, and an additional $10,904,848 in addition to the base funding provided in A.1. shall be appropriated for Technical Assistance for Virginia Soil and Water Conservation Districts.

§ 10.1-505. Duties of Board.

In addition to other duties and powers conferred upon the Board, it shall have the following duties and powers:
1. To give or loan appropriate financial and other assistance to district directors in carrying out any of their powers and programs.
3. To oversee the programs of the districts.
11. To provide, from such funds appropriated for districts, financial assistance for the administrative, operational and technical support of districts.

Recommended Motion:

The Virginia Soil and Water Conservation Board approves the Policy and Procedures on Soil and Water Conservation District Cost-Share and Technical Assistance Funding Allocations (Fiscal Year 2027).

VIRGINIA SOIL AND WATER CONSERVATION BOARD POLICY AND PROCEDURES ON SOIL AND WATER CONSERVATION DISTRICT COST-SHARE AND TECHNICAL ASSISTANCE FUNDING ALLOCATIONS (FISCAL YEAR ~~2026~~ 2027)

Virginia Department of Conservation & Recreation

(Approved by Board on ~~May 28, 2025~~ ~~June [ ],~~July 24, 2026)

1. Policy Purpose:

This Policy and Procedures document specifies the Virginia Soil and Water Conservation Board's (Board) process by which funds are to be allocated by the Department of Conservation and Recreation (Department) to the Commonwealth's 47 local Soil and Water Conservation Districts (Districts) for cost-share and technical assistance (Fiscal Year ~~2026~~ 2027 or ~~FY26~~ FY27). The Policy also highlights the water quality emphasis of the Virginia Agricultural Best Management Practices Cost-share Program and the targeted use of allocated cost-share funding. The corresponding Grant Agreement will guide the distribution and disbursement of ~~FY26~~ FY27 funds. A separate Board Policy and Grant Agreement governs the ~~FY26~~ FY27 distribution of administrative and operational support funds to Districts.

2. Cost-share Program Mission and Eligibility:

The Virginia Agricultural Best Management Practices Cost-share Program (VACS) is administered by the Board and Department through the Districts. The Program's goal is to improve water quality in the state's streams, rivers, and the Chesapeake Bay. VACS offers cost-share assistance as an incentive to carry out construction or implementation of selected Best Management Practices (BMPs). The basis of VACS is to encourage the voluntary installation of agricultural BMPs to meet Virginia's non-point source pollution reduction water quality objectives. Although resource based problems affecting water quality occur on all land uses, VACS promotes efforts for corrective action on agricultural lands only. VACS emphasizes the implementation of agricultural BMPs in locations that provide the greatest nutrient and sediment reductions for the taxpayer's dollars spent. Cost-shared BMPs must maximize nutrient and sediment reductions and also protect the taxpayer's interest, by implementing the most cost-effective BMPs possible in locations that achieve the greatest pollutant reductions on a field by field basis. VACS objectives include special emphasis on the reduction of nutrients (nitrogen and phosphorus), and sediment delivered to the Chesapeake Bay; by preventing additional pollution from entering state waters; and meeting the criteria for Virginia's compliance with Section 319 of the Clean Water Act. VACS implementation should be based upon sound conservation planning and best professional judgment.

For the purposes of VACS, agricultural land means land being used in a bona fide program of agricultural management and engaged in the production of agricultural, horticultural, or forest products for market. In order to be considered agricultural land, the real estate must consist of a minimum of five contiguous acres and there must be verifiable gross receipts in excess of $1,000 per year from the production or sale of agricultural, horticultural, or forest products produced on the applicant's agricultural land for each of the past three years. The greater than $1,000 threshold may be documented by using crop type acres and livestock numbers collected as part of the conservation planning inventory or other acceptable forms of proof including Internal Revenue Service (IRS) forms or other accounting records certified by a tax preparer that show profit or loss from farm operations. Non-industrial private forest lands are exempt from the $1,000 requirement when managed for commercial production according to a plan prepared by a professional forester. (See Part 4: Definitions for further explanation.)

Readers should refer to the *Program Year ~~2026~~ 2027 Virginia Agricultural Cost Share (VACS) BMP Manual* for additional requirements associated with the implementation of the Virginia Agricultural Best Management Practices Cost-Share Program.

3. Authority:

This funding distribution Policy has been developed to provide transparency, predictability, and consistency to the processes by which the cost-share and technical assistance funding set out in ~~Item 374 S.1, S.2, T.1 and T.2 of Chapter 1 of the 2023 Special Session 1 Acts of Assembly (Chapter 1) , D.1, D.2, D.3, P.1, P.2, and Q of Item 359 of Chapter 2 of the 2024 Special Session 1 Acts of Assembly (Chapter 2), and A.2, D.1, D.2, D.3, AA.1, and AA.2 of~~ Item 359 X.1., X.2, and X.3 of Chapter 725 of the 2025 Session Acts of Assembly, and A.2, D.1, D.2, D.3, T.1, T.2, T.3, U, and V of Item 362 of Chapter [ ] of the 2026 Session Acts of Assembly (the 2026 Appropriation Act) are allocated and distributed to Districts. Funds subject to this Policy are set out in Sub-programs 50320 (Financial Assistance to Soil and Water Conservation Districts), 50322 (Technical Assistance to Soil and Water Conservation Districts) and 50323 (Agricultural Best Management Practices Cost Share Assistance) and are guided by the following specific budget provisions within Item 374:

> ~~S.1. Notwithstanding § 10.1-2129 A., Code of Virginia, and any other provision of law, $131,029,312 the second year from the general fund shall be deposited to the Virginia Water Quality Improvement Fund established under the Water Quality Improvement Act of 1997. Of this amount in the second year, $19,654,397 is designated for deposit to the reserve within the Virginia Water Quality Improvement Fund; and, $1,000,000 is provided to support the upgrade, development, and continued maintenance of the Conservation Application Suite including costs related to servers and necessary software licenses.~~
>
> ~~2. Of the remaining amount in the second year, $110,374,915 is authorized for transfer to the Virginia Natural Resources Commitment Fund, a sub fund of the Water Quality Improvement Fund. Notwithstanding any other provision of law, the funds transferred to the Virginia Natural Resources Commitment Fund shall be distributed by the Department upon approval of the Virginia Soil and Water Conservation Board in accordance with the board's developed policies, as follows: $67,218,323 shall be used for matching grants for Agricultural Best Management Practices on lands in the Commonwealth exclusively or partly within the Chesapeake Bay watershed, $28,807,853 shall be used for matching grants for Agricultural Best Management Practices on lands in the Commonwealth exclusively outside the Chesapeake Bay watershed, and an additional $14,348,739 in addition to the base funding provided in A.1. shall be appropriated for Technical Assistance for Virginia Soil and Water Conservation Districts.~~

~~T.1. Notwithstanding § 10.1-2129 A., Code of Virginia, and any other provision of law, $207,458,556 the second year from the general fund shall be deposited to the Virginia Water Quality Improvement Fund established under the Water Quality Improvement Act of 1997. Of this amount in the second year, $31,118,783 is designated for deposit to the reserve within the Virginia Water Quality Improvement Fund.~~

~~2. Of the remaining amount in the second year, $176,339,773 is authorized for transfer to the Virginia Natural Resources Commitment Fund, a sub fund of the Water Quality Improvement Fund. Notwithstanding any other provision of law, the funds transferred to the Virginia Natural Resources Commitment Fund shall be distributed by the Department upon approval of the Virginia Soil and Water Conservation Board in accordance with the board's developed policies, as follows: $107,390,922 shall be used for matching grants for Agricultural Best Management Practices on lands in the Commonwealth exclusively or partly within the Chesapeake Bay watershed, $46,024,681 shall be used for matching grants for Agricultural Best Management Practices on lands in the Commonwealth exclusively outside the Chesapeake Bay watershed, and an additional $22,924,170 in addition to the base funding provided in A.1. shall be appropriated for Technical Assistance for Virginia Soil and Water Conservation Districts.~~

~~D.1 Out of the appropriation in this Item, $10,000,000 the first year and $10,000,000 the second year from the Virginia Natural Resources Commitment Fund, a subfund of the Virginia Water Quality Improvement Fund, is hereby appropriated. The funds shall be dispersed by the department pursuant to § 10.1-2128.1, Code of Virginia.~~

~~2. The source of an amount estimated at $10,000,000 the first year and $10,000,000 the second year to support the nongeneral fund appropriation to the Virginia Natural Resources Commitment Fund shall be the recordation tax fee established in Part 3 of this act.~~

~~3. Out of this amount, a total of thirteen percent, or $1,300,000, whichever is greater, shall be appropriated to Virginia Soil and Water Conservation Districts for technical assistance to farmers implementing agricultural best management practices, and $8,700,000 for Agricultural Best Management Practices Cost-Share Assistance. Of the amount deposited for Cost-Share Assistance, seventy percent shall be used for matching grants for agricultural best management practices on lands in the Commonwealth exclusively or partly within the Chesapeake Bay watershed, and thirty percent shall be used for matching grants for agricultural best management practices on lands in the Commonwealth exclusively outside of the Chesapeake Bay watershed.~~

~~P.1. Notwithstanding § 10.1-2129 A., Code of Virginia, $138,076,028 the first year from the general fund shall be deposited to the Virginia Water Quality Improvement Fund established under the Water Quality Improvement Act of 1997. Of this amount in the first year, $19,200,000 shall be appropriated to the Department for the following specified statewide uses: $700,000 for maintenance of the Conservation Application Suite; $2,000,000 for the Commonwealth's match for participation in the Federal Conservation Reserve Enhancement Program (CREP); $1,000,000 for increased verification efforts of~~

~~agricultural best management practices; $6,000,000 for nonpoint source projects including direct pay initiatives for nutrient management and resource management plans as well as poultry litter transport; $4,000,000 for the Virginia Conservation Assistance Program administered by the Association of Soil and Water Conservation Districts; $500,000 for voluntary agricultural best management practices data collection by the Virginia Cooperative Extension; $4,000,000 to the Department of Forestry for the Virginia Trees for Clean Water program; and $1,000,000 to the Department of Forestry for water quality grants.~~

~~2. Of the remaining amount in the first year, $118,876,028 is authorized for transfer to the Virginia Natural Resources Commitment Fund, a sub fund of the Water Quality Improvement Fund. Notwithstanding any other provision of law, the funds transferred to the Virginia Natural Resources Commitment Fund shall be distributed by the Department upon approval of the Virginia Soil and Water Conservation Board in accordance with the board's developed policies, as follows: $75,979,754 shall be used for matching grants for Agricultural Best Management Practices on lands in the Commonwealth exclusively or partly within the Chesapeake Bay watershed, $32,562,751 shall be used for matching grants for Agricultural Best Management Practices on lands in the Commonwealth exclusively outside the Chesapeake Bay watershed, and an additional $10,333,523 in addition to the base funding provided in A.1. shall be appropriated for Technical Assistance for Virginia Soil and Water Conservation Districts.~~

~~Q. Notwithstanding § 10.1-2129 A., Code of Virginia, included in this Item is $63,000,000 the first year from nongeneral funds that shall be transferred to the Virginia Natural Resources Commitment Fund, and that shall be distributed by the Department upon approval of the Virginia Soil and Water Conservation Board in accordance with the board's developed policies, as follows: $40,266,524 shall be used for matching grants for Agricultural Best Management Practices on lands in the Commonwealth exclusively or partly within the Chesapeake Bay watershed, $17,257,082 shall be used for matching grants for Agricultural Best Management Practices on lands in the Commonwealth exclusively outside the Chesapeake Bay watershed, and an additional $5,476,394 in addition to the base funding provided in A.1. shall be appropriated for Technical Assistance for Virginia Soil and Water Conservation Districts.~~

~~A.2. Out of the appropriation in this Item, $4,550,000 the first year and $4,550,000 the second year shall be provided for base technical assistance support for the Virginia Soil and Water Conservation Districts. These funds shall be distributed upon approval by the Virginia Soil and Water Conservation Board to the districts in accordance with the Board's established financial allocation policy. These amounts shall be in addition to any other funding provided to the districts for technical assistance for appropriations in excess of $35,000,000. The Virginia Soil and Water Conservation Board is authorized to utilize previous years' unobligated cost-share funds to provide technical assistance funding to Virginia Soil and Water Conservation Districts at a rate no higher than the technical assistance rate percentage funded in the current Appropriation Act.~~

~~D.1 Out of the appropriation in this Item, $10,000,000 the first year and $10,000,000 the second year from the Virginia Natural Resources Commitment Fund, a subfund of the Virginia Water Quality Improvement Fund, is hereby appropriated. The funds shall be dispersed by the department pursuant to § 10.1-2128.1, Code of Virginia.~~

~~2. The source of an amount estimated at $10,000,000 the first year and $10,000,000 the second year to support the nongeneral fund appropriation to the Virginia Natural Resources Commitment Fund shall be the recordation tax fee established in Part 3 of this act.~~

~~3. Out of this amount, a total of thirteen percent, or $1,300,000, whichever is greater, shall be appropriated to Virginia Soil and Water Conservation Districts for technical assistance to farmers implementing agricultural best management practices, and $8,700,000 for Agricultural Best Management Practices Cost-Share Assistance. Of the amount deposited for Cost-Share Assistance, seventy percent shall be used for matching grants for agricultural best management practices on lands in the Commonwealth exclusively or partly within the Chesapeake Bay watershed, and thirty percent shall be used for matching grants for agricultural best management practices on lands in the Commonwealth exclusively outside of the Chesapeake Bay watershed.~~

~~AA.1. In any fiscal year, 50 percent of any funds previously distributed for Agricultural Best Management Practices for the purpose of grants for agriculture best management practices on lands in the Commonwealth that cannot be obligated by June 15 by a soil and water conservation district during such fiscal year, regardless of whether such lands are within or outside of the Chesapeake Bay watershed, may be reallocated by the Virginia Soil and Water Conservation Board to any soil and water conservation district for conservation practices. The Virginia Soil and Water Conservation Board may reallocate the remaining previously distributed funds that cannot be obligated by June 15 to the soil and water conservation districts within the same watershed.~~

~~2. Nothing in this section shall prevent any funds distributed to the Virginia Agricultural Best Management Practices Cost-Share Program for the purpose of matching grants for agricultural best management practices on lands in the Commonwealth that cannot be obligated by a soil and water conservation district during a fiscal year to transfer such funds to another soil and water conservation district within the same watershed within the same fiscal year.~~

X.1. Notwithstanding §10.1-2129 A., Code of Virginia, $26,296,400 the first year from the general fund shall be deposited to the Virginia Water Quality Improvement Fund established under the Water Quality Improvement Act of 1997. Of this amount in the first year, $8,905,800 is designated for deposit to the reserve within the Virginia Water Quality Improvement Fund.

#

2. Of the remaining amount in the first year, $17,390,600 is authorized for transfer to the Virginia Natural Resources Commitment Fund, a sub fund of the Water Quality Improvement Fund. Notwithstanding any other provision of law, the funds transferred to

the Virginia Natural Resources Commitment Fund shall be distributed by the department upon approval of the Virginia Soil and Water Conservation Board in accordance with the board's developed policies to support Agriculture Best Management Practices needs in the next biennium.

3. The appropriation in this paragraph and in Item 365 of this act meets the mandatory deposit requirements associated with the fiscal year 2024 excess general fund revenue collections and discretionary year-end general fund balances.

A.2. Out of the appropriation in this Item, $4,550,000 the first year and $4,550,000 the second year shall be provided for base technical assistance support for the Virginia Soil and Water Conservation Districts. These funds shall be distributed upon approval by the Virginia Soil and Water Conservation Board to the districts in accordance with the Board's established financial allocation policy. These amounts shall be in addition to any other funding provided to the districts for technical assistance for appropriations in excess of $35,000,000. The Virginia Soil and Water Conservation Board is authorized to utilize previous years' unobligated cost-share funds to provide technical assistance funding to Virginia Soil and Water Conservation Districts at a rate no higher than the technical assistance rate percentage funded in the current Appropriation Act.

D.1 Out of the appropriation in this Item, $10,000,000 the first year and $10,000,000 the second year from the Virginia Natural Resources Commitment Fund, a subfund of the Virginia Water Quality Improvement Fund, is hereby appropriated. The funds shall be dispersed by the department pursuant to § 10.1-2128.1, Code of Virginia.

2. The source of an amount estimated at $10,000,000 the first year and $10,000,000 the second year to support the nongeneral fund appropriation to the Virginia Natural Resources Commitment Fund shall be the recordation tax fee established in Part 3 of this act.

3. Out of this amount, a total of thirteen percent, or $1,300,000, whichever is greater, shall be appropriated to Virginia Soil and Water Conservation Districts for technical assistance to farmers implementing agricultural best management practices, and $8,700,000 for Agricultural Best Management Practices Cost-Share Assistance. Of the amount deposited for Cost-Share Assistance, seventy percent shall be used for matching grants for agricultural best management practices on lands in the Commonwealth exclusively or partly within the Chesapeake Bay watershed, and thirty percent shall be used for matching grants for agricultural best management practices on lands in the Commonwealth exclusively outside of the Chesapeake Bay watershed.

T. Notwithstanding §10.1-2129 A., Code of Virginia, $153,669,475 the first year from the general fund shall be deposited to the Virginia Water Quality Improvement Fund established under the Water Quality Improvement Act of 1997. Of this amount in the first year, $7,950,000 shall be appropriated to the Department for the following specified statewide uses: $6,000,000 for nonpoint source projects including direct pay initiatives for nutrient management and resource management plans as well as poultry litter transport; $700,000 for maintenance of the Conservation Application Suite; $500,000 to the Department of Forestry for the Virginia Trees for Clean Water program; $500,000 to the Department of Forestry for water quality grants; and $250,000 for the Commonwealth's match for participation in the Federal Conservation Reserve Enhancement Program (CREP). Notwithstanding Item 361 B., no deposit is designated to the reserve within the Virginia Water Quality Improvement Fund.

2. Of the remaining amount in the first year, $145,719,475 is authorized for transfer to the Virginia Natural Resources Commitment Fund, a sub fund of the Water Quality Improvement Fund. Notwithstanding any other provision of law, the funds transferred to the Virginia Natural Resources Commitment Fund shall be distributed by the Department upon approval of the Virginia Soil and Water Conservation Board in accordance with the board's developed policies, as follows: $88,743,160 shall be used for matching grants for Agricultural Best Management Practices on lands in the Commonwealth exclusively or partly within the Chesapeake Bay watershed, $38,032,783 shall be used for matching grants for Agricultural Best Management Practices on lands in the Commonwealth exclusively outside the Chesapeake Bay watershed, and an additional $18,943,532 in addition to the base funding provided in A.1. shall be appropriated for Technical Assistance for Virginia Soil and Water Conservation Districts.

3. The appropriation in this paragraph of this act meets the mandatory deposit requirements associated with the fiscal year 2025 excess general fund revenue collections and discretionary year-end general fund balances.

U. Notwithstanding any other provision of law, $58,000,000 the first year from interest accrued in the Virginia Natural Resources Commitment Fund is hereby appropriated to be distributed by the Department upon approval of the Virginia Soil and Water Conservation Board in accordance with the board's developed policies, as follows: $35,322,000 shall be used for matching grants for Agricultural Best Management Practices on lands in the Commonwealth exclusively or partly within the Chesapeake Bay watershed, $15,138,000 shall be used for matching grants for Agricultural Best Management Practices on lands in the Commonwealth exclusively outside the Chesapeake Bay watershed, and an additional $7,540,000 in addition to the base funding provided in A.1. shall be appropriated for Technical Assistance for Virginia Soil and Water Conservation Districts.

V. Notwithstanding any other provision of law, $83,883,443 the first year from the Water Quality Improvement Reserve Fund is hereby appropriated to be distributed by the Department upon approval of the Virginia Soil and Water Conservation Board in accordance with the board's developed policies, as follows: $51,085,016 shall be used for matching grants for Agricultural Best Management Practices on lands in the Commonwealth exclusively or partly within the Chesapeake Bay watershed, $21,893,579 shall be used for matching grants for Agricultural Best Management Practices on lands in the Commonwealth exclusively outside the Chesapeake Bay watershed, and an additional $10,904,848 in addition to the base funding provided in A.1. shall be appropriated for Technical Assistance for Virginia Soil and Water Conservation Districts.

The Code of Virginia contains the following Board and Department duties applicable to this Policy:

§ 10.1-104.1. Department to assist in the nonpoint source pollution management program.

A. The Department, with the advice of the Board of Conservation and Recreation and the Virginia Soil and Water Conservation Board and in cooperation with other agencies, organizations, and the public as appropriate, shall assist in the Commonwealth's nonpoint source pollution management program.

B. The Department shall be assisted in performing its nonpoint source pollution management responsibilities by Virginia's soil and water conservation districts. Assistance by the soil and water conservation districts in the delivery of local programs and services may include (i) the provision of technical assistance to advance adoption of conservation management services, (ii) delivery of educational initiatives targeted at youth and adult groups to further awareness and understanding of water quality issues and solutions, and (iii) promotion of incentives to encourage voluntary actions by landowners and land managers in order to minimize nonpoint source pollution contributions to state waters.

C. The provisions of this section shall not limit the powers and duties of other state agencies.

§ 10.1-546.1. Delivery of Agricultural Best Management Practices Cost-Share Program.

Districts shall locally deliver the Virginia Agricultural Best Management Practices Cost-Share Program described under §10.1-2128.1, under the direction of the Board, as a means of promoting voluntary adoption of conservation management practices by farmers and land managers in support of the Department's nonpoint source pollution management program.

§ 10.1-2128. Virginia Water Quality Improvement Fund established; purposes.

A. There is hereby established in the state treasury a special permanent, nonreverting fund, to be known as the "Virginia Water Quality Improvement Fund." The Fund shall be established on the books of the Comptroller. The Fund shall consist of sums appropriated to it by the General Assembly which shall include, unless otherwise provided in the general appropriation act, 10 percent of the annual general fund revenue collections that are in excess of the official estimates in the general appropriation act and 10 percent of any unrestricted and uncommitted general fund balance at the close of each fiscal year whose reappropriation is not required in the general appropriation act. The Fund shall also consist of such other sums as may be made available to it from any other source, public or private, and shall include any penalties or damages collected under this article, federal grants solicited and received for the specific purposes of the Fund, and all interest and income from investment of the Fund. Any sums remaining in the Fund, including interest thereon, at the end of each fiscal year shall not revert to the general fund but shall remain in the Fund. All moneys designated for the Fund shall be paid into the state treasury and credited to the Fund. Moneys in the Fund shall be used solely for Water Quality Improvement Grants. ….

§ 10.1-2128.1. Virginia Natural Resources Commitment Fund established.

A. There is hereby created in the state treasury a special nonreverting fund to be known as the Virginia Natural Resources Commitment Fund hereafter referred to as "the Subfund," which shall be a subfund of the Virginia Water Quality Improvement Fund and administered by the Department of Conservation and Recreation. The Subfund shall be established on the books of the Comptroller. All amounts appropriated and such other funds as may be made available to the Subfund from any other source, public or private, shall be paid into the state treasury and credited to the Subfund. Interest earned on moneys in the Subfund shall remain in the Subfund and be credited to it. Any moneys remaining in the Subfund, including interest thereon, at the end of each fiscal year shall not revert to the general fund but shall remain in the Subfund. Moneys in the Subfund shall be used as provided in subsection B solely for the Virginia Agricultural Best Management Practices Cost-Share Program administered by the Department of Conservation and Recreation…

C. The Department of Conservation and Recreation, in consultation with stakeholders, including representatives of the agricultural community, the conservation community, and the Soil and Water Conservation Districts, shall determine an annual funding amount for effective Soil and Water Conservation District technical assistance and implementation of agricultural best management practices pursuant to § 10.1-546.1. Pursuant to § 2.2-1504, the Department shall provide to the Governor the annual funding amount needed for each year of the ensuing biennial period. The Department shall include the annual funding amount as part of the reporting requirements in § 62.1-44.118.

§ 10.1-2132. Nonpoint source pollution funding; conditions for approval.

A. The Department of Conservation and Recreation shall be the lead state agency for determining the appropriateness of any grant related to nonpoint source pollution to be made from the [Water Quality Improvement] Fund to restore, protect and improve the quality of state waters. ….

C. Grant funding may be made available to local governments, soil and water conservation districts, institutions of higher education and individuals who propose specific initiatives that are clearly demonstrated as likely to achieve reductions in nonpoint source pollution, including, but not limited to, excess nutrients and suspended solids, to improve the quality of state waters. Such projects may include, but are in no way limited to, the acquisition of conservation easements related to the protection of water quality and stream buffers; conservation planning and design assistance to develop nutrient management plans for agricultural operations; instructional education directly associated with the implementation or maintenance of a specific nonpoint source pollution reduction initiative; the replacement or modification of residential onsite sewage systems to include nitrogen removal capabilities; implementation of cost-effective nutrient reduction practices; and reimbursement to local governments for tax credits and other kinds of authorized local tax relief that provides incentives for water quality improvement. The Director shall give priority consideration to the distribution of grants from the Fund for the purposes of implementing tributary strategy plans, with a priority given to agricultural practices. In no single year shall more than 60 percent of the moneys be used for projects or practices exclusively within the Chesapeake Bay watershed.

D. The Director of the Department of Conservation and Recreation shall manage the allocation of Water Quality Improvement Grants from the Virginia Natural Resources Commitment Fund established under § 10.1-2128.1.

Additional authorities are included that authorize Districts to recover a portion of costs of services from landowners in accordance with ~~Item 359 of Chapter 2 and~~ Item 362 of the 2026 Appropriation Act.

G. Notwithstanding §10.1-552, Code of Virginia, Soil and Water Conservation Districts are hereby authorized to recover a portion of the direct costs of services rendered to landowners within the district and to recover a portion of the cost for use of district-owned conservation equipment. Such recoveries shall not exceed the amounts expended by a district on these services and equipment.

4. Definitions:

"Agricultural products" means crops, livestock and livestock products, including but not limited to: field crops, forage, fruits, vegetables, horticultural specialties, cattle, sheep, hogs, goats, horses, poultry, furbearing animals, milk, eggs and furs.

"Agricultural production" means the production for commercial purposes of crops, livestock and livestock products, and includes the processing or retail sales by the producer of crops, livestock or livestock products which are produced on the parcel or in the District.

"Animal Type" means the type of livestock the BMP is being installed to treat. For reporting in the AgBMP Tracking Module, the following animal types are used.

Beef	Dairy	Swine	Layer	Sheep	Goat
Horse	Turkey	Broiler	Pullets	Other	

"Applicant" means a landowner, agent, or operator of record as long as the individual has control of the property and is at least 18 years of age. An applicant may be any corporation, association, partnership, or one or more individuals. Various companies, corporations, and partnership arrangements exist for farm ownership. Farm corporations (signing under Federal Tax Identification number) or partnerships operating under a farm name are classified as a single "applicant." Applicants are identified by a unique social security number and/or Federal Tax Identification number.

"Conservation Efficiency Factor (CEF)" means a factor calculated by the AgBMP Tracking Module to serve as a ranking tool and provide some guidance for ranking applications that would implement different BMPs. This tool is designed to assist Districts with the ranking of their cost share practice applications. The CEF uses eleven different components, including soil loss data that is inputted by the District, as well as the environmental information associated with the location of the practice on the earth to generate a factor used to rank the proposed practice compared with other instances of the same BMPs as well as instances of other BMPs.

"District" or "local soil and water conservation district" or "SWCD" means a political subdivision of the Commonwealth organized in accordance with the provisions of the Code of Virginia contained in Chapter 5 of Title 10.1 (§ 10.1-500 et seq.) and with the powers and duties set out in Chapters 1, 5, 6, and 21.1 of Title 10.1 of the Code of Virginia.

"Drainage basins" for the purposes of funding allocations means the lands within the Chesapeake Bay watershed (CB – Chesapeake Bay) or the lands in the Commonwealth exclusively outside of the Chesapeake Bay watershed (OCB – Outside of Chesapeake Bay).

"Forestal production" means the production for commercial purposes of forestal products, and includes the processing or retail sales by the producer, of forestal products that are produced on the parcel. Forestal products include, but are not limited to; saw timber, pulpwood, posts, firewood, Christmas trees, and other tree and wood products for sale or for farm use.

"Horticultural production" means the production for commercial purposes of horticultural products, and includes the processing or retail sales, by the producer, of horticultural products that are produced on the parcel. Horticultural products include, but are not limited to, fruits of all kinds, grapes, nuts, and berries, nursery and floral products for sale or for farm use.

"Total Maximum Daily Load" or "TMDL" means a calculation of a maximum amount of a pollutant that a waterbody can receive and still meet water quality standards.

5. Allocation Process for Cost-share:

The process for determining the allocation of new cost-share includes the following steps:

A. Review the Appropriation Act language and determine the distribution of amounts deposited to the Virginia Water Quality Improvement Fund (WQIF) or the Virginia Natural Resources Commitment Fund from state surplus allocations, WQIF Reserve, or from other ~~General Fund~~ deposits.
(See **TABLE 1**)

B. Review the Appropriation Act language and determine the total amount available for cost-share and technical assistance in the given fiscal year provided from the:
   i. Close of fiscal year general fund surplus appropriated to the Virginia Water Quality. Improvement Fund (WQIF) and the amounts available for cost-share and technical assistance.
   ii. Special WQIF and VNRCF deposits from the ~~General~~ general ~~Fund~~fund.
   iii. Nongeneral fund appropriation to the Virginia Natural Resources Commitment Fund from the recordation tax fee.
   iv. WQIF and Virginia Natural Resources Commitment Fund Interest.
   v. The Reserve within the WQIF.
   ~~v.~~vi. Any returned and unobligated funds from previous fiscal years.
   (SEE **TABLE 1**)

C. Allocate portions of the funding to the CB and to OCB.

(SEE **TABLE 4**)

D. Develop a cost-share spending plan that allocates appropriated funds to Program elements. (Determine uses of cost-share in CB and OCB Areas.)
   i. Central Service Adjustments
   ii. VACS – Virginia Agricultural Best Management Practices Cost-Share Program (SEE **TABLE 6**)

E. Use the Agricultural Nonpoint Source Hydrologic Unit (HU) Ranking Process to determine cost-share allocations to Districts.
(SEE **TABLES 7-9 and Attachments A-D**)

Review of Appropriation Act Language (Allocation Steps A and B)

In Chapter ~~1, $338,487,868~~725, -$17,390,600 in funding was deposited to the Water Quality Improvement Fund in accordance with Item ~~374~~ 359 that was not allocated by this Board during FY2026 (See Part 2, Authority). ~~Of this amount, $206,747,943 in cost-share funding and $26,804,825 in additional technical assistance funding was allocated for FY2025. An additional $42,693,836 in cost-share funding and $10,468,084 in additional technical assistance funding will be utilized for FY2026.~~ In Chapter **, ~~$211,283,488~~ $250,214,918 in cost-share funding and ~~$31,571,096~~ $37,388,380 in additional technical assistance funding was allocated for FY2027.

~~In Chapter 2 (2024 Special Session 1 Acts of Assembly), $138,076,028 in general funds was deposited to the Water Quality Improvement Fund in accordance with Item 359 and Item 362 (See Part 2 Authority). An additional $63,000,000 in nongeneral funds was transferred to the Virginia Natural Resources Commitment Fund in accordance with Item 359 and Item 362 (See Part 2 Authority).~~

TABLE 1: ~~FY25 (Chapter 2 – 2024 Special Session 1)~~ FY2026 and FY2027 ~~Appropriation Act~~ Distributions for WQIF ~~Surplus~~ and VNRCF

Water Quality Program	Program Distributions
WQIF ~~(Total Deposit)~~ deposit	~~$138,076,028~~ ~~$107,921,142~~ $153,669,475
• Earmark for special nonpoint source projects (poultry litter, NMPs and RMPs)	$6,000,000
• ~~Earmark for the Virginia Conservation Assistance Program~~	~~$4,000,000~~
• ~~Earmark for Department of Forestry for Trees for Clean Water Program~~	~~$4,000,000~~
• Earmark for Commonwealth's match to federal Conservation Reserve Enhancement Program (CREP)	~~$2,000,000~~ $250,000
• ~~Earmark for increased verification efforts~~	~~$1,000,000~~
• ~~Earmark for Department of Forestry for water quality grants~~	~~$1,000,000~~
• ~~Earmark for voluntary data collection by Virginia Cooperative Extension~~	~~$500,000~~
• Earmark for the Department for the development and continued maintenance for the Conservation Application Suite	$700,000

• Transfer to the Virginia Natural Resources Commitment Fund	~~$100,971,142~~ $145,719,475
• Agricultural Best Management Practices Cost-Share Assistance	~~$87,844,894~~ $126,775,943
Additional deposits to the VNRCF (including the funding provided in Chapter 725, the use of interest accrued in the Virginia Natural Resources Commitment Fund, and the use of funds from the WQIF Reserve).	~~$291,816,280~~ $159,284,043
• ~~Transfers to the Virginia Natural Resources Commitment Fund (includes the nongeneral funding provided in Chapter 2).~~	~~$181,876,028~~
• Agricultural Best Management Practices Cost-Share Assistance	~~$166,066,111~~ ~~$260,245,184~~ $140,829,195

For ~~FY26~~FY27, ~~$222,446,237~~ $303,521,499 (see Part 2, Authority) is available for allocations to the Districts for cost-share. For ~~FY26~~FY27, ~~$28,878,001~~ $37,678,225 in additional technical assistance funds, ~~and~~ $4,550,000 in base technical assistance funding, and $1,300,000 in supplemental base technical assistance funding are available.

TABLE 2: ~~FY26~~ FY27 Cost-share and Technical Assistance Allocations by Fund Source

Funding Source	Total	Cost-share Portion of Total	Technical Assistance Portion of Total
~~WQIF deposit~~ Deposit remaining from ~~Chapter 1 (2023 Special Session 1)~~ Chapter 725	~~$53,161,920~~ $17,390,600	~~$42,693,836~~ $17,390,600	~~$10,468,084~~
WQIF deposit for ~~FY25~~ FY27 (~~Chapter 2 of 2024 Special Session 1~~ Chapter ** of 2026 Special Session 1)	~~$118,876,028~~ ~~$100,971,141~~ $145,719,475	~~$108,542,505~~ ~~$87,844,893~~ $126,775,943	~~$10,333,523~~ ~~$13,126,248~~ $18,943,532
Interest deposit to the VNRCF ~~deposit~~ (Chapter ** of 2026 Special Session 1~~Chapter 2 of 2024 Special Session 1~~)	~~$63,000,000~~ $58,000,000	~~$57,523,606~~ $50,460,000	~~$5,476,394~~ $7,540,000

~~Recordation revenue for FY25 and anticipated revenue for FY26~~	~~$8,966,683~~	~~$6,366,683~~	~~$2,600,000~~
Reserve deposit to the VNRCF (Chapter ** of 2026 Special Session 1)	$83,883,443	$72,978,595	$10,904,848
Unobligated funds and returned funds ~~from FY25 Whole Farm Approach reserve~~ from FY2025 and previous years	$36,902,166 ~~$81,650,500~~ ~~$7,876,587~~	$36,612,321 ~~$75,543,371~~ ~~$7,876,587~~	$289,845 ~~$6,107,129~~
Technical Assistance Base Funding (Item ~~374~~ 362 A.2.)	$4,550,000		$4,550,000
Technical assistance funds associated with recordation revenues for FY27	$1,300,000		$1,300,000
TOTAL ALLOCATION for ~~FY26~~FY27* (includes technical assistance funding provided in Item ~~359~~ 362 A.2.)	~~$256,431,218~~ $347,745,684**	$304,217,459 ** ~~$223,003,217**~~	~~$33,428,001~~$ $43,528,225**

~~Chapter 2 (Item 359 – see Part 2, Authority)~~ Chapter ** provides for $10,000,000 in Appropriation from the recordation tax fee, of which $1,300,000 is being provided as supplemental base technical assistance. The remaining appropriation will be allocated as cost-share funding in FY2028.

* The total allocation for ~~FY2026~~ FY2027 meets the funding levels established in the agricultural needs assessment developed in accordance with §10.1-2128.1 C. ~~The remaining cost-share and technical assistance funds will be held in reserve for allocation for FY2027.~~

** The WQIF allocated for ~~FY2026~~ FY2027 cost-share portion of the total column includes ~~$60,950,000~~ $113,000,000 held in reserve for the Districts participating in the Whole Farm Approach specifications, of which ~~$53,000,000~~$100,000,000 is available for the implementation of best management practices. The associated amount of technical assistance is also held in reserve (~~$6,890,000~~$13,000,000). The cost-share portion of the allocation also includes the funding needed to provide for the central service adjustments shown in TABLE 4.

~~Chapter 1 and Chapter 2~~Chapters 725 and ** specify the distributions for ~~both~~ the WQIF ~~Surplus Deposit,~~deposits, and the additional deposits to the Virginia Natural Resources Commitment Fund (VNRCF)~~, and the recordation revenues~~. Distributions within the CB and OCB shall be as follows:

TABLE 3: ~~FY26~~ FY27 Cost-share Allocations by Drainage Basin and Fund Source

Funding Source	Total	Cost-share Portion of Total	Cost-share Portion Allocated to Lands Exclusively or Partly Within the CB*	Cost-share Portion Allocated to Lands Exclusively OCB*
Deposit remaining from Chapter 725	$17,390,600	$17,390,600	$12,173,420	$5,217,180
WQIF general fund deposits	$145,719,475 ~~$105,235,493~~ ~~$172,037,948~~	$126,775,943 ~~$105,235,493~~ ~~$151,236,341~~	$88,743,160 ~~$73,664,845~~ ~~105,865,439~~	$38,032,783 ~~$31,570,648~~ ~~$45,370,902~~
Interest deposit to the VNRCF ~~nongeneral fund deposit~~	$58,000,000 ~~$63,000,000~~	$50,460,000 ~~$57,523,606~~	$35,322,000 ~~$40,266,524~~	$15,138,000 ~~$17,257,082~~
~~Recordation revenue~~	~~$8,966,683,~~	~~$6,366,683~~	~~$4,456,678~~	~~$1,910,005~~
Reserve deposit to the VNRCF	$83,883,443	$72,978,595	$51,085,016	$21,893,579
Unobligated funds and returned funds from FY2025 and previous years~~Unobligated funds from FY25 Whole Farm Approach reserve~~	$36,902,166 ~~$81,650,500~~ ~~$7,876,587~~	$36,612,321 ~~$75,543,371~~ ~~$7,876,587~~	$25,628,625 ~~$52,880,360~~ ~~$5,513,611~~	$10,983,696 ~~$22,663,011~~ ~~$2,362,976~~
TOTAL	$341,895,684 ~~$328,769,436~~ ~~$251,881,218~~	~~$223,003,217~~ $304,217,459	~~$156,102,252~~ $212,952,221	~~$66,900,965~~ $91,265,238

* Amounts rounded to the nearest dollar.

Spending Plan: Allocation of Appropriated Funds (Allocation Step D)
Out of the amounts available for cost-share, the Spending Plan shall allocate funding to BMP practices associated with specific program elements as follows:

TABLE 4: ~~FY26~~ FY27 Cost-share Spending Plan by Drainage Basin and Fund Source

Program Element	Cost-share Portion Allocated to Lands Exclusively or Partly Within the CB	Cost-share Portion Allocated to Lands Exclusively OCB	Totals
Total Available	~~$156,102,252~~ $212,952,221	~~$66,900,965~~ $91,265,238	~~$223,003,217~~ $304,217,459
Central Service Adjustments	~~$389,886~~ $487,172	~~$167,094~~ $208,788	~~$556,980~~ $695,960
VACS	$212,465,049 ~~$155,712,366~~	$91,056,450 ~~$66,733,871~~	$303,521,499 ~~$222,446,237~~

*Rounded to the nearest dollar.

Specifics regarding the process by which such allocations are determined for each Program element within the spending plan are as follows:

Explanation of Spending Plan Distribution Components:

Central Service Adjustments (Allocation Step D1)
Chapter 1 (Part 3: Miscellaneous) annually applies charges (interfund transfers) to each Agency for expenses incurred by central service agencies associated with Agency funds. For ~~FY26~~ FY27, charges for nongeneral funds are $695,960 ~~$556,980~~ from 0900 funds. If a portion of these expenses need to be paid from cost-share amounts provided for in the Appropriation Act, it should be allocated from non-budgeted "cash transfer in (CTI)" funds or non-budgeted recordation fee tax deposits before reallocations are made.

VACS – Virginia Agricultural Best Management Practices Cost-Share Program Allocations (Allocation Step D2)
After the other noted distributions have been met in the spending plan (SEE TABLE 4 there is $303,521,499 ~~$222,446,237~~ available for distribution as VACS cost-share. (Table 3 outlines the drainage basin split and fund sources.) Specific allocations to Districts in ~~FY26~~ FY27 shall be made using science-based targeting of funds so that areas with the greatest potential to contribute agricultural nonpoint source pollution have the financial resources to implement BMP to reduce nutrient and sediment contamination of surface and ground waters. The process utilized to make these allocations is called the Agricultural Nonpoint Source Hydrologic Unit (HU) Ranking Process.

Agricultural Nonpoint Source Hydrologic Unit (HU) Ranking Process (Step E)

The Department utilizes a component of Virginia's Nonpoint Source Assessment to focus its cost-share allocations where funds can produce the greatest reductions in surface and ground water contamination. Currently, the ~~2024~~ 2026 Nonpoint Source Assessment represents the most recent information available for use. The Department utilizes the agricultural component of the most current and approved NPS assessment to focus agricultural cost-share funds.

Hydrologic unit assessment scores are calculated using a nonpoint source pollutant load simulation model and data developed by the Department, DEQ, and the Virginia Tech, Department of Biological Systems Engineering. The model includes statewide data from:

- Detailed land use from interpreted imagery supplemented with tillage practice data;
- USDA Cropland data;
- National Agricultural Statistics Service data;
- Grazing and manure application practices;
- Hydrologic soil groups;
- Average water content and K factors of all soils;
- Stream flows from gauge stations;
- Climate records from a multi-state area;
- Growing seasons;
- Dominant crop types by hydrologic unit;
- CB Watershed Model output;
- Animal numbers by type and location;
- Distribution and extent of agricultural conservation practices; and
- Slope.

Additional technical information regarding modeling processes are set out in Department documents titled: *~~2024~~ 2026 NPS Assessment and Prioritization Primer*.

The computer model estimates and ranks the pollutant loads of nitrogen, phosphorus, and sediment in 1,240 of the 1,251 6th level hydrologic units in Version 5 of Virginia's National Watershed Boundary Dataset (NWBD), each identified by a unique code (VAHU6). Those units not modeled are primarily water. Each of three per hectare agricultural pollutant loads are sorted Low to High and assigned their sort order for each Hydrologic Unit (HU). The rank score of a HU is the sum of these three values. For example:

Hydrologic Unit (VAHU6)	Nitrogen Load Sort Order (NSEQ)	Phosphorous Load Sort Order (PSEQ)	Sediment Load Sort Order (SSEQ)	Sum (NSEQ + PSEQ + SSEQ)	Agricultural Pollutant Potential Rank
PS14	~~978~~ 897	~~1058~~ 1025	~~812~~ 918	~~2848~~ 2840	High (H)
RA64	~~1034~~ 962	~~959~~ 899	~~306~~ 447	~~2299~~ 2308	Medium (M)
NE28	~~473~~ 417	~~152~~ 96	~~561~~ 110	~~716~~ 623	Low (L)

The higher the composite ranking score, the higher its potential to contribute agricultural NPS pollution (based on Nitrogen, Phosphorus, and Sediment loads). In accordance with this process, Attachment A includes the Unit Area Loads for Nitrogen (kg/Ag ha-yr), Phosphorus (kg/Ag ha-yr), and Sediment (mt/Ag ha-yr); the Sorted Sequence (Rank Order) between HUs for each pollutant's load; a Sum Order for each HU; and the resulting Agricultural Pollutant Potential Rank for each HU to be utilized in ~~FY25~~ FY27 cost-share allocation computations.

The Department has designated the highest 20% of the ranked composite scores as High (H) potential, the middle 30% as Medium (M), and the lowest 50% are ranked Low (L) for their potential to contribute agricultural NPS pollution (natural breaking points in the data are looked for around these percentiles; not to exceed a 0.50 deviation).

For ~~FY26~~FY27 (see **Attachment A**) the data breaks were as follows:

TABLE 5: Agricultural Pollutant Potential Ranking

Agricultural Pollutant Potential Rank	Number of HUs included	Percent of modeled HUs included	Percent of Ag land	Sum Order Range
H	~~245~~249	20.0	~~23.17~~ 21.29	~~2605-3623~~ 2608-3526
M	373	30.0	~~28.92~~ 31.71	~~1875-2605~~1789-2606
L	~~622~~ 618	50.0	~~47.91~~ 47.00	~~3-1875~~ 3-1781
Total	1240	100.000	100.000	

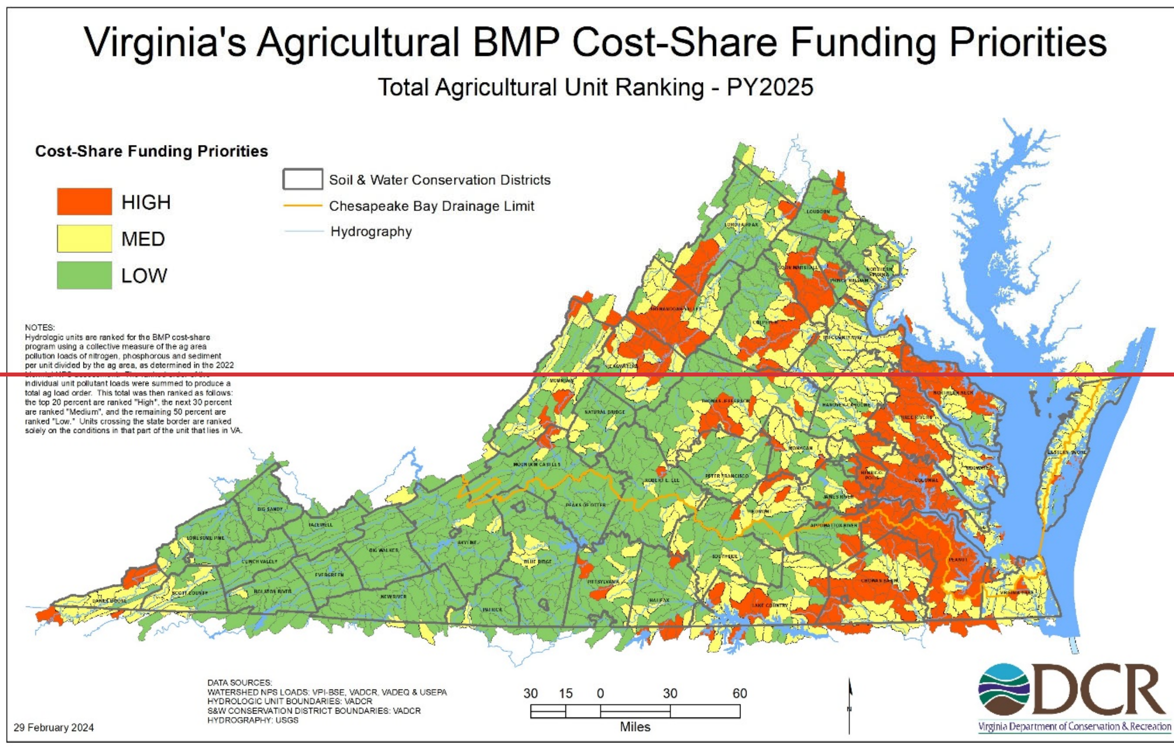
NOTE: Since the installation and distribution of BMPs implemented is part of the calculation of the agricultural NPS loads and ranking, the hydrologic units may change rankings if a large number of BMPs are implemented in a particular HU between assessments. Ranking changes tend to shift the funds between the HUs.

The next step is to compile the HU area (hectares or ha) designated as H, M, and L by county and the District geographic areas. Hydrologic unit boundaries are based upon naturally occurring drainage divides and do not often reflect county boundaries. As a result, any HU may be fully contained within a county or divided between two or more counties. Geographic Information System analysis allows the area (acres) of each ranked HU (H, M, and L) within a county boundary to be calculated and compared to the total number of acres of that pollutant ranking (H, M, and L) within each drainage basin (CB or OCB). The county area (acres) designated as H, M, and L are then rolled up to the 47 Districts. (Those HUs not within a District boundary have been removed from the analysis and do not contribute to the acreage total utilized in calculating the Cost-share Multiplier.)

Some Districts reside in the CB, some are located in only OCB areas, and some contain acreage in both. District drainage basin assignments are outlined in **Attachment B**.

Once a composite area (acres) for H, M, and L HUs has been calculated for each District by drainage basin, a H, M, and L cost-share multiplier based on percentage of agricultural acres in the District (for H, M, and L) compared to the drainage basin total (for H, M, and L) is calculated and then applied respectively to the amount of cost-share funding allocated to the H, M, and L pollutant load categories in the CB and OCB areas. This analysis is set out in **Attachment C**. **Attachment C** provides data by Drainage Basin (CB and OCB), District, Agricultural Pollutant Potential Rank (H, M, and L), Total Area (acres) of Hydrologic Units in each District by Agricultural Pollutant Potential Rank and Drainage Basin, and the resulting Percentage Rank (Cost-share Multiplier).

Attachment D provides a full-page version of the image below **(FIGURE 1)** depicting the statewide distribution of H, M, and L HUs by District and Drainage Basin.



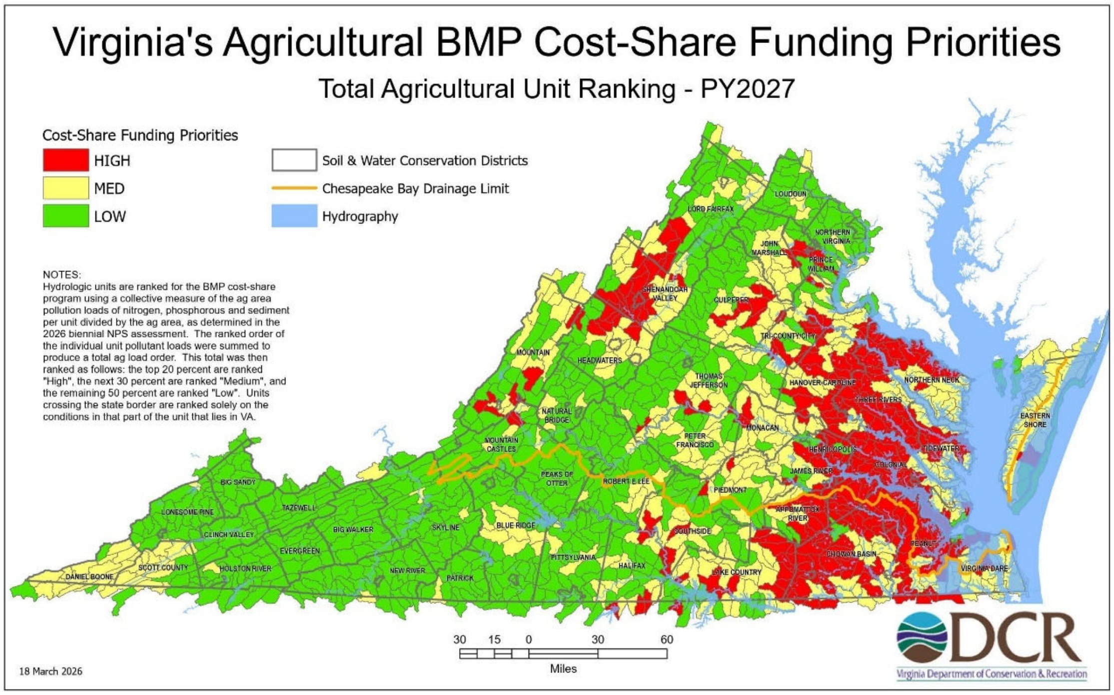


FIGURE 1: Virginia's Agricultural BMP Cost-share Funding Priorities

Utilizing the information in **Attachment C**, the next step is to determine how much of the available cost-share by drainage basin and funding type will be proportioned to H, M, and L HU areas. Percentage allocations are based on providing a high percentage of the funding to the waters with the most pollutant load based on nitrogen, phosphorus, and sediment. For FY27~~6~~, the H ranked HUs are assigned 50 percent of the cost-share funds. The M ranked HUs are assigned 30 percent of the cost-share funds, while the L ranked HUs are assigned 20 percent of the cost-share funds.

TABLE 6: ~~FY26~~ FY27 Cost-share Allocations by Drainage Basin; Fund Source; and H, M, and L HU Areas*

Program Element	Cost-share Portion Allocated to Lands Exclusively or Partly Within the CB (General Fund)	Cost-share Portion Allocated to Lands Exclusively OCB (General Fund)	Totals
VACS (after spending plan distributions – see TABLE 4)	$212,465,049 ~~$155,712,366~~	$91,056,449.70 ~~$66,733,871~~	$303,521,499 ~~$222,446,237~~
H (50%)	$106,232,525 ~~$77,856,183~~	$45,528,225 ~~$33,366,936~~	$151,760,749 ~~$111,223,119~~
M (30%)	$63,739,515 ~~$46,713,710~~	$27,316,935 ~~$20,020,161~~	$91,056,450 ~~$66,733,871~~
L (20%)	$42,493,010 ~~$31,142,473~~	$18,211,290 ~~$13,346,774~~	$60,704,300 ~~$44,489,247~~

*Rounded to the nearest dollar.

The H, M, and L multipliers for each District are then applied to the amount of cost-share funds being made available in each drainage basin (CB and OCB) and funding source (General Funds and Recordation fee) as set out in **TABLE 6**. Each District's drainage basin's H, M, and L funds are then accumulated to provide a total funding amount for the cost-share allocation.

The following table shows ~~FY26~~ FY27 District VACS cost-share allocations by drainage basin and under the cost-share total column, provides the cumulative cost-share allocations to each of the Districts.

TABLE 7: ~~FY26~~ FY27 District Cost-share Allocations by Drainage Basin

SWCD	VACS CB Total	VACS OCB Total	~~FY26~~ FY27 Cost-Share Total (VACS)
APPOMATTOX RIVER	$597,632 ~~$543,677~~	$3,000,000 ~~$1,770,617~~	$3,597,632 ~~$2,314,294~~
BIG SANDY	$0~~$0~~	$35,000 ~~$30,629~~	$35,000 ~~$30,629~~
BIG WALKER	$0 ~~$0~~	$1,334,501 ~~$1,285,189~~	$1,334,501 ~~$1,285,189~~
BLUE RIDGE	$107,167 ~~$190,778~~	$1,600,000 ~~$1,532,649~~	$1,707,167 ~~$1,723,427~~
CHOWAN BASIN	$0~~$0~~	$13,457,940 ~~$12,487,989~~	$13,457,940 ~~$12,487,989~~
CLINCH VALLEY	$0 ~~$0~~	$800,000 ~~$735,129~~	$800,000 ~~$735,129~~
COLONIAL	$5,640,174 ~~$3,006,101~~	$0~~$0~~	$5,640,174 ~~$3,006,101~~
CULPEPER	$10,206,568 ~~$9,932,609~~	$0~~$0~~	$10,206,568 ~~$9,932,609~~
DANIEL BOONE	$0~~$0~~	$4,200,000 ~~$3,147,718~~	$4,200,000 ~~$3,147,718~~
EASTERN SHORE	$5,287,885 ~~$3,723,146~~	$2,021,607 ~~$1,528,926~~	$7,309,492 ~~$5,252,072~~
EVERGREEN	$0~~$0~~	$617,913 ~~$402,114~~	$617,913 ~~$402,114~~
HALIFAX	$0~~$0~~	$1,835,298 ~~$1,410,472~~	$1,835,298 ~~$1,410,472~~
HANOVER-CAROLINE	$9,952,723 ~~$6,505,277~~	$0 ~~$0~~	$9,952,723 ~~$6,505,277~~
HEADWATERS	$7,386,920 ~~$7,263,228~~	$0~~$0~~	$7,386,920 ~~$7,263,228~~
HENRICOPOLIS	$950,000 ~~$895,185~~	$0~~$0~~	$950,000 ~~$895,185~~
HOLSTON RIVER	$0~~$0~~	$1,034,129 ~~$971,212~~	$1,034,129 ~~$971,212~~
JAMES RIVER	$1,477,842 ~~$1,137,412~~	$900,000~~$880,501~~	$2,377,842 ~~$2,017,913~~
JOHN MARSHALL	$6,634,933 ~~$6,549,027~~	$0~~$0~~	$6,634,933 ~~$6,549,027~~
LAKE COUNTRY	$0~~$0~~	$4,000,000 ~~$3,254,288~~	$4,000,000 ~~$3,254,288~~
LONESOME PINE	$0~~$0~~	$400,000 ~~$387,489~~	$400,000 ~~$387,489~~

LORD FAIRFAX	$9,063,261 ~~$8,616,653~~	$0 ~~$0~~	$9,063,261 ~~$8,616,653~~
LOUDOUN	$4,487,353 ~~$3,615,742~~	$0 ~~$0~~	$4,487,353 ~~$3,615,742~~
MONACAN	$3,326,835 ~~$2,442,317~~	$0 ~~$0~~	$3,326,835 ~~$2,442,317~~
MOUNTAIN	$3,382,905 ~~$3,315,892~~	$0 ~~$0~~	$3,382,905 ~~$3,315,892~~
MOUNTAIN CASTLES	$1,975,778 ~~$1,933,899~~	$350,000 ~~$333,809~~	$2,325,778 ~~$2,267,708~~
NATURAL BRIDGE	$2,837,885 ~~$2,316,673~~	$0 ~~$0~~	$2,837,885 ~~$2,316,673~~
NEW RIVER	$0 ~~$0~~	$2,000,000 ~~$1,221,132~~	$2,000,000 ~~$1,221,132~~
NORTHERN NECK	$10,396,929 ~~$8,701,629~~	$0 ~~$0~~	$10,396,929 ~~$8,701,629~~
NORTHERN VIRGINIA	$150,000 ~~$147,730~~	$0 ~~$0~~	$150,000 ~~$147,730~~
PATRICK	$0 ~~$0~~	$500,000 ~~$496,285~~	$500,000 ~~$496,285~~
PEAKS OF OTTER	$336,180 ~~$331,647~~	$1,400,000 ~~$777,671~~	$1,736,180 ~~$1,109,318~~
PEANUT	$6,685,477 ~~$5,926,617~~	$9,420,475 ~~$7,330,085~~	$16,105,952 ~~$13,256,702~~
PETER FRANCISCO	$3,510,311 ~~$3,134,682~~	$0 ~~$0~~	$3,510,311 ~~$3,134,682~~
PIEDMONT	$4,254,087 ~~$4,102,038~~	$268,353 ~~$272,579~~	$4,522,440 ~~$4,374,617~~
PITTSYLVANIA	$0 ~~$0~~	$1,661,390 ~~$2,273,265~~	$1,661,390 ~~$2,273,265~~
PRINCE WILLIAM	$1,806,685 ~~$1,119,163~~	$0 ~~$0~~	$1,806,685 ~~$1,119,163~~
ROBERT E. LEE	$2,408,087 ~~$2,117,483~~	$1,439,569 ~~$896,432~~	$3,847,656 ~~$3,013,915~~
SCOTT COUNTY	$0 ~~$0~~	$1,143,881 ~~$1,685,514~~	$1,143,881 ~~$1,685,514~~
SHENANDOAH VALLEY	$8,035,934 ~~$7,241,835~~	$0 ~~$0~~	$8,035,934 ~~$7,241,835~~
SKYLINE	$102,892 ~~$60,876~~	$2,009,667 ~~$1,694,039~~	$2,112,559 ~~$1,754,915~~
SOUTHSIDE	$101,553 ~~$57,031~~	$2,372,389 ~~$1,643,789~~	$2,473,942 ~~$1,700,820~~
TAZEWELL	$0 ~~$0~~	$800,000 ~~$717,928~~	$800,000 ~~$717,928~~
THOMAS JEFFERSON	$9,429,671 ~~$7,480,616~~	$0 ~~$0~~	$9,429,671 ~~$7,480,616~~

THREE RIVERS	$12,300,258 ~~$8,937,775~~	$0~~$0~~	$12,300,258 ~~$8,937,775~~
TIDEWATER	$5,584,765 ~~$4,247,324~~	$0~~$0~~	$5,584,765 ~~$4,247,324~~
TRI-COUNTY/CITY	$3,731,640 ~~$2,809,608~~	$0~~$0~~	$3,731,640 ~~$2,809,608~~
VIRGINIA DARE	$314,719 ~~$208,696~~	$2,454,338 ~~$1,666,421~~	$2,769,057 ~~$1,875,117~~
Grand Total	$142,465,049 ~~$118,612,366~~	$61,056,450 ~~$50,833,871~~	$203,521,499 ~~$169,446,237~~

*Rounded to the nearest dollar.

NOTE: The distribution of cost-share allocations is dependent on income and state finances. See the procedure outlined in Part 13: Criteria for Cost-Share and Technical Assistance for what procedures are implemented should funding availability fall short of appropriation projections.

6. Deputy Director Approved Transfer of Cost-share (and Technical Assistance):
After Grant Agreement issuance, Districts may choose to work with the Department to determine if cost-share allocations should be transferred from one District to another District to maximize water quality improvements. Cost-share shall not be transferred between CB and OCB drainage allocations. Prior to a District Board taking formal action to either transfer cost-share allocation or to accept additional cost-share allocation, the Conservation District Coordinator(s) assigned to each District must authorize the transfer or acceptance of cost-share allocation. Adjustments in the cost-share allocations that are approved by the Conservation District Coordinator(s) and the District Boards shall be advanced through the Division's Central Office to the Deputy Director for consideration as District contract adjustments. A completed Transfer of Virginia Agricultural Best Management Practices Cost-Share Program (VACS) Allocated Cost-Share Funds Form 199-225 (Form) from the affected Districts will be required to document their approval of the recommended transaction. The completed Form regarding reallocations/transfers shall be routed to the Comptroller to update the Department's records. For amounts already distributed to Districts, funds shall be returned back to the Department, or deducted from the next quarterly ~~FY26~~ FY27 disbursement(s) for redistribution to the approved receiving District (accordingly such funds shall not be directly sent between Districts). A proportional amount (~~13%~~12%) of Technical Assistance shall be transferred with the cost-share funds. Such motions and all documentation required to execute the voluntary transfer of cost-share must be submitted to the Department prior to ~~June 15, 2026~~ June 1, 2027.

Additionally, should a District decline a recommended cost-share allocation, technical assistance allocations may also be reduced accordingly if such an allocation has been recommended. Aside from transfers of funds approved under this Section, no other movements of cost-share or technical assistance funding may occur between Districts.

7. Targeting the Expenditure of Cost-share Funds in each District to Maximize Water Quality Improvements:
Once cost-share has been allocated to Districts, cost-share expenditures within Districts, in accordance with the VACS mission (See Part 2), should be targeted towards maximizing

nutrient and sediment reductions by implementing the most cost-effective BMPs possible in locations that achieve the greatest pollutant reductions on a field by field basis. The VACS Program gives Districts the responsibility to determine the recipients of state cost-share funds. The better the Districts recruit and evaluate applications, the more successful the local program will be at improving local water quality. Participants are to be recruited based upon those primary and secondary factors, which most influence their existing land uses impact upon water quality. The objective of the VACS Program is to solve water quality problems by fixing the worst problems first on a field by field basis. The ~~2024~~ 2026 agricultural non-point source ranking of the National Watershed Boundary Dataset units (VAHU6) currently provides the most accurate identification at a landscape scale, of the lands with the greatest potential to contribute agricultural non-point source pollution into Virginia's rivers and streams.

Statewide water quality considerations shall be used by all Districts to qualify cost-share applications for District Board consideration for funding. Districts should prioritize the implementation of appropriate BMPs that will reduce the greatest amount of nutrient and sediment contamination while utilizing the least amount of cost-share funds to address site-specific water quality problems in identified HU priority watersheds with all program cost-share funds. Additional programmatic guidelines and specific criteria related to both priority and secondary considerations are set out in the *Program Year ~~2026~~ 2027 Virginia Agricultural Cost-Share (VACS) BMP Manual*.

Districts shall be prepared to verify and document that their cost-share allocations are being spent in accordance with the priority considerations, their approved secondary considerations, and in accordance with the *Program Year ~~2026~~ 2027 Virginia Agricultural Cost Share (VACS) BMP Manual*.

Each District shall, when comparing projects for cost-share funding, utilize the Conservation Efficiency Factor (CEF). A CEF is calculated by the AgBMP Tracking Module and uses eleven different components, including installation costs and soil loss data that is input by the District, as well as the environmental information associated with the location of the practice to generate a factor that can be used to rank the proposed practice compared with other instances of the same BMPs as well as instances of other BMPs (See **TABLE 8**). Although the CEF can be used to rank different BMPs it will more accurately rank different BMPs that are oriented toward reduction of the same contaminate with the lower the value the more preferred the project.

The relative weights of **TABLE 8** reflect the weight distribution of the CEF components for practices where every component is used in the final CEF calculation. For many practices one or more of these components is not used and the relative weights of the point variables that are used will therefore be proportionally increased. Details on this procedure may be found in a Department discussion document titled *Assignment of Priority Values to BMP Instances at the Time of District ACSTP Data Entry*.

TABLE 8: CEF Ranking Components and Values

Ranking Component	Relative Weight	Value Range	Point or Credit Variable	Assigned Rank Points
Deliverable Sediment Reduction Cost Efficiency points	12.5	not calculated / equation results	DSEDXCE_P	0 / 1 - 10
Priority Practice points	16.25	yes / maintenance / no	PRI_P	1 / 9 / 13
NPS Ag Priority Hydrologic Unit points	16.25	not used / Ag Priorities SUM Order	NPSAG_P	0 / 1 - 13
NPS Biological Priority HU credit	5.0	2+ flags / 1 flag / none	NPSBIO_C	-4 / -2 / 0
Ag Bacteria Impairment Area points	6.25	Not used/7/6/5/4/3/ 2/1/0	BIMP_P	0 / 1 / 2 / 1 / 3 / 1 / 4 / 1 / 5
Ag Nutrient Impairment Area points	6.25	Not used/7/6/5/4/3/ 2/1/0	NIMP_P	0 / 1 / 1 / 4 / 4 / 1 / 1 / 4 / 5
Septic Impairment Area points	6.25	Not used/7/6/5/4/3/ 2/1/0	SIMP_P	0 / 1 / 1 / 1 / 1 / 2 / 4 / 3 / 5
Chesapeake Bay Program Efficiency credit	3.75	>50% / 35-50% / <35% / not reported	CBEFF_C	-3 / -2 / -1 / 0
Practice Contract Period points	6.25	1 - 15	PCP_P	1 - 5
Installation Cost Efficiency points	15.00	not calculated / equation results	ICE_P	0 / 1 - 12
Environmental Preferences credit	6.25	% hardwood or % early/rye cover or buffer width and contract period	ENV_C	0 / -5 - 0

Final approval of practice funding is the responsibility of the local District Board of Directors. All actions taken must be voted upon and the outcome recorded in the minutes of the meeting where such action is taken. Districts should be prepared to verify and document that their cost-share allocations are being spent in accordance with their priority and secondary considerations and in accordance with the *Program Year ~~2026~~ 2027 Virginia Agricultural Cost Share (VACS) BMP Manual*.

Any application must meet appropriate technical agency standards and specifications of that practice before cost-share payment is made. Payment is issued after the participant and technical representative have certified practice installation in their Virginia BMP Incentives Contract. The amount of the cost-share payment is calculated based upon the approved estimated cost or eligible actual cost whichever is less. When completed practices are scheduled for combined funding from a District and other sources, the District cost-share payment must reflect the balance due (not to exceed the amount approved by the District for the cost-share payment) after payment has been approved or issued by the other sources. Total VACS cost-share payments must not exceed the amount allowed within the *Program Year ~~2026~~ 2027 Virginia Agricultural Cost Share (VACS) BMP Manual*, or this Policy.

Department personnel will confer with District staff at least quarterly to determine their projected needs for cost-share payments for projected completed BMPs. Department personnel will generate a disbursement letter based upon the projected needs and AgBMP Tracking Module data showing obligations.

8. Cost-share Funding Caps:

For ~~FY26~~ FY27, the VACS applicant cost-share limit or "cap" is $300,000/applicant/year. This cap is automatically monitored for any applicant across Districts based upon data available from within the AgBMP Tracking Module.

- Each District Board may establish an applicant cost-share limit or "cap" for the program year which may not exceed the program applicant cost-share limit. Applicants may receive the amount of the District established cost-share limits or "caps" for implemented BMPs as long as the amount does not exceed the established programmatic cost-share limit or "cap". This cap is automatically monitored for any applicant across Districts based upon data available from within the AgBMP Tracking Module. Districts may view all approved cost-share funds for a participant by utilizing the "participant's contracts" button. This authority to set District cost-share limits in accordance with the provisions of this paragraph does not extend to RMP-1 and RMP-2 practices.
- Cost-share funds received for RMP-1 and RMP-2 practices do not contribute to a participant's annual cost-share cap for other specified practices. Additionally, certain initiatives, such as the *Small Herd Initiative*, do not contribute to a producer's annual cost-share cap.
- Certain practices, such as the WFA-CC and the WFA-NM, are authorized to exceed the annual cost-share cap.

A producer may be eligible to receive a variance from the cap in accordance with the procedures established in the *Program Year ~~2026~~ 2027 Virginia Agricultural Cost-Share (VACS) BMP Manual*.

State participant caps are based upon the fiscal year that the practice is approved rather than the fiscal year in which the cost-share payment is distributed. This allows each participant to maximize the amount of cost-share that they may receive in each fiscal year.

9. Reallocation of Cost-Share:

Following the end of each fiscal year, the Board shall reallocate (redistribute) unobligated VACS allocations, including unobligated funds from prior fiscal years, and unobligated CREP or RCPP funds (keeping cost-share within the drainage basin it was originally allocated within). These funds will be used for VACS programmatic priorities which may include funding for Chesapeake Bay Watershed Implementation Plan implementation or targeted agricultural BMPs. VACS funds that have not been approved by the District's Board of Directors by ~~June 15, 2026~~ June 15, 2027 to fund an existing cost-share application are considered to be unobligated and must be returned to the Department.

A proportional amount (~~13%~~12%) of technical assistance funds shall be returned with any unobligated ~~FY2026~~ FY2027 cost-share funds.

For any contracts that (i) were entered into prior to ~~FY2026~~ FY2027, (ii) were carried over in in accordance with the guidelines established in the applicable Virginia Agricultural Cost-Share (VACS) BMP Manual, and (iii) were cancelled after the fiscal year in which the contract was entered into:

- The District is authorized to reobligate the cost-share funds associated with the cancelled contract to new contracts during ~~FY2026~~ FY2027;
- The District must return to the Department any cost-share funds associated with the cancelled contract that are not reobligated by the end of ~~FY2026~~ FY2027; and
- The District is not required to return any technical assistance funds associated with the cancelled contract's cost-share funds.

Reallocation cost-share amounts and the associated technical assistance amounts shall be specifically noted in cost-share disbursement letters to Districts and become part of the financial record.

10. Allocation Process for Technical Assistance:

Technical assistance funds are made available to Districts by the Department for VACS Program implementation by District technical staff. ~~FY26~~ FY27 technical assistance fund allocations approved in the amount $4,550,000 represents a base allocation for ~~FY26~~ FY27for technical assistance; an additional $1,300,000 of technical assistance provided through recordation revenues is being used as supplemental base technical assistance for FY2027. Technical assistance funding provided in addition to the base will be distributed proportionally to the allocation of cost-share funding provided. Results for ~~FY26~~ FY27 (Total Technical assistance allocations by District) are presented in **TABLE 9**. In future years, should technical assistance amounts available fall below the $4,550,000 base level, total technical assistance to Districts would be proportionally reduced.

TABLE 9: FY26 Technical Assistance Computations and District Allocations

SWCD	~~FY26~~ FY27 Cost-Share Total (VACS)	~~FY26~~ FY27 TA Addition to the FY27 ~~FY26~~ TA Base	~~FY26~~ FY27 TA Base	~~FY26~~ FY27 Total Technical Assistance Allocated
APPOMATTOX RIVER	$3,597,632 ~~$2,314,294~~	$436,235 ~~$300,330~~	$82,032 ~~$54,559~~	$518,267 ~~$354,889~~
BIG SANDY	$35,000 ~~$30,629~~	$4,244 ~~$4,024~~	$31,195 ~~$24,013~~	$35,439 ~~$28,037~~
BIG WALKER	$1,334,501 ~~$1,285,189~~	$161,817 ~~$166,803~~	$37,606 ~~$31,517~~	$199,423 ~~$198,320~~
BLUE RIDGE	$1,707,167 ~~$1,723,427~~	$207,005 ~~$223,665~~	$61,526 ~~$55,805~~	$268,531 ~~$279,470~~
CHOWAN BASIN	$13,457,940 ~~$12,487,989~~	$1,631,857 ~~$1,620,366~~	$132,878 ~~$105,991~~	$1,764,735 ~~$1,726,357~~
CLINCH VALLEY	$800,000 ~~$735,129~~	$97,005 ~~$95,433~~	$94,993 ~~$68,479~~	$191,998 ~~$163,912~~
COLONIAL	$5,640,174 ~~$3,006,101~~	$683,905 ~~$390,092~~	$139,348 ~~$110,340~~	$823,253 ~~$500,432~~
CULPEPER	$10,206,568 ~~$9,932,609~~	$1,237,609 ~~$1,288,806~~	$458,841 ~~$365,609~~	$1,696,450 ~~$1,654,415~~
DANIEL BOONE	$4,200,000 ~~$3,147,718~~	$509,276 ~~$408,466~~	$105,253 ~~$88,449~~	$614,529 ~~$496,915~~
EASTERN SHORE	$7,309,492 ~~$5,252,072~~	$886,321 ~~$681,506~~	$108,417 ~~$88,699~~	$994,738 ~~$770,205~~
EVERGREEN	$617,913 ~~$402,114~~	$74,927 ~~$52,224~~	$85,876 ~~$71,700~~	$160,803 ~~$123,924~~
HALIFAX	$1,835,298 ~~$1,410,472~~	$222,542 ~~$183,059~~	$117,282 ~~$104,555~~	$339,824 ~~$287,614~~
HANOVER-CAROLINE	$9,952,723 ~~$6,505,277~~	$1,206,828 ~~$844,110~~	$183,447 ~~$138,899~~	$1,390,275 ~~$983,009~~
HEADWATERS	$7,386,920 ~~$7,263,228~~	$895,709 ~~$942,454~~	$230,282 ~~$185,960~~	$1,125,991 ~~$1,128,414~~
HENRICOPOLIS	$950,000 ~~$895,185~~	$115,194 ~~$116,200~~	$52,486 ~~$49,470~~	$167,680 ~~$165,670~~
HOLSTON RIVER	$1,034,129 ~~$971,212~~	$125,395 ~~$126,065~~	$137,257 ~~$115,321~~	$262,652 ~~$241,386~~
JAMES RIVER	$2,377,842 ~~$2,017,913~~	$288,328 ~~$261,874~~	$49,998 ~~$31,517~~	$338,326 ~~$293,391~~
JOHN MARSHALL	$6,634,933 ~~$6,549,027~~	$804,526 ~~$849,786~~	$212,848 ~~$163,886~~	$1,017,374 ~~$1,013,672~~
LAKE COUNTRY	$4,000,000 ~~$3,254,288~~	$485,026 ~~$422,294~~	$170,851 ~~$146,710~~	$655,877 ~~$569,004~~
LONESOME PINE	$400,000 ~~$387,489~~	$48,502 ~~$50,327~~	$52,693 ~~$47,275~~	$101,195 ~~$97,602~~

LORD FAIRFAX	$9,063,261 ~~$8,616,653~~	$1,098,976 ~~$1,118,061~~	$269,166 ~~$173,139~~	$1,368,142 ~~$1,291,200~~
LOUDOUN	$4,487,353 ~~$3,615,742~~	$544,119 ~~$469,193~~	$213,932 ~~$168,089~~	$758,051 ~~$637,282~~
MONACAN	$3,326,835 ~~$2,442,317~~	$403,400 ~~$316,941~~	$150,740 ~~$121,504~~	$554,140 ~~$438,445~~
MOUNTAIN	$3,382,905 ~~$3,315,892~~	$410,199 ~~$430,287~~	$62,910 ~~$39,621~~	$473,109 ~~$469,908~~
MOUNTAIN CASTLES	$2,325,778 ~~$2,267,708~~	$282,015 ~~$294,285~~	$48,809 ~~$38,660~~	$330,824 ~~$332,945~~
NATURAL BRIDGE	$2,837,885 ~~$2,316,673~~	$344,111 ~~$300,638~~	$87,968 ~~$64,034~~	$432,079 ~~$364,672~~
NEW RIVER	$2,000,000 ~~$1,221,132~~	$242,512 ~~$158,492~~	$63,997 ~~$45,024~~	$306,509 ~~$203,516~~
NORTHERN NECK	$10,396,929 ~~$8,701,629~~	$1,260,691 ~~$1,129,086~~	$151,261 ~~$130,309~~	$1,411,952 ~~$1,259,395~~
NORTHERN VIRGINIA	$150,000 ~~$147,730~~	$18,188 ~~$19,218~~	$22,248 ~~$12,026~~	$40,436 ~~$31,244~~
PATRICK	$500,000 ~~$496,285~~	$60,628 ~~$64,443~~	$88,384 ~~$74,553~~	$149,012 ~~$138,996~~
PEAKS OF OTTER	$1,736,180 ~~$1,109,318~~	$210,522 ~~$143,984~~	$48,128 ~~$40,341~~	$258,650 ~~$184,325~~
PEANUT	$16,105,952 ~~$13,256,702~~	$1,952,944 ~~$1,720,107~~	$198,971 ~~$134,135~~	$2,151,915 ~~$1,854,242~~
PETER FRANCISCO	$3,510,311 ~~$3,134,682~~	$425,646 ~~$406,775~~	$94,644 ~~$73,346~~	$520,290 ~~$480,121~~
PIEDMONT	$4,522,440 ~~$4,374,617~~	$548,373 ~~$567,657~~	$125,124 ~~$80,562~~	$673,497 ~~$648,219~~
PITTSYLVANIA	$1,661,390 ~~$2,273,265~~	$201,454 ~~$295,006~~	$155,132 ~~$148,278~~	$356,586 ~~$443,284~~
PRINCE WILLIAM	$1,806,685 ~~$1,119,163~~	$219,071 ~~$145,261~~	$58,367 ~~$39,707~~	$277,438 ~~$184,968~~
ROBERT E. LEE	$3,847,656 ~~$3,013,915~~	$466,551 ~~$391,105~~	$81,022 ~~$68,878~~	$547,573 ~~$459,983~~
SCOTT COUNTY	$1,143,881 ~~$1,685,514~~	$138,702 ~~$218,745~~	$80,457 ~~$67,536~~	$219,159 ~~$286,281~~
SHENANDOAH VALLEY	$8,035,934 ~~$7,241,835~~	$974,405 ~~$939,678~~	$309,962 ~~$226,067~~	$1,284,367 ~~$1,165,745~~
SKYLINE	$2,112,559 ~~$1,754,915~~	$256,160 ~~$227,750~~	$139,122 ~~$111,659~~	$395,282 ~~$339,409~~
SOUTHSIDE	$2,473,942 ~~$1,700,820~~	$299,980 ~~$220,731~~	$80,789 ~~$73,688~~	$380,769 ~~$294,419~~
TAZEWELL	$800,000 ~~$717,928~~	$97,005 ~~$93,201~~	$69,432 ~~$54,125~~	$166,437 ~~$147,326~~
THOMAS JEFFERSON	$9,429,671 ~~$7,480,616~~	$1,143,405 ~~$970,660~~	$258,538 ~~$178,251~~	$1,401,943 ~~$1,148,911~~

THREE RIVERS	$12,300,258 ~~$8,937,775~~	$1,491,481 ~~$1,159,726~~	$144,433 ~~$103,505~~	$1,635,914 ~~$1,263,231~~
TIDEWATER	$5,584,765 ~~$4,247,324~~	$677,186 ~~$551,140~~	$76,853 ~~$61,088~~	$754,039 ~~$612,228~~
TRI-COUNTY/CITY	$3,731,640 ~~$2,809,608~~	$452,484 ~~$364,597~~	$150,013 ~~$130,069~~	$602,497 ~~$494,666~~
VIRGINIA DARE	$2,769,057 ~~$1,875,117~~	$335,766 ~~$243,346~~	$74,489 ~~$43,056~~	$410,255 ~~$286,402~~
Grand Total	$203,521,499 ~~$169,446,237~~	$24,678,225 ~~$21,985,698~~	$5,850,000 ~~$4,550,000~~	$30,528,225 ~~$26,538,001~~

*Rounded to the nearest dollar.

~~The Culpeper Soil and Water Conservation District is authorized to utilize up to $500,000 of the District's "FY26 Cost-Share Total (VACS)" allocation to incentivize the implementation of the soil health pilot best management practice (SL-10E) as it was approved by this Board.~~

11. Disbursement Schedule

~~FY26~~ FY27 Technical assistance allocations (See **TABLE 9**) shall be disbursed to Districts over ~~FY25~~FY26 in accordance with the following procedures. After the ~~FY25~~FY26 Fourth Quarter and End of Year reports (including District's End of Year Cash Balance Report and Carry Over Report) have been submitted to the Department, the ~~FY26~~FY27 Grant Agreement has been executed and a copy of the executed Agreement has been returned to the Department, all of the District's ~~FY26~~ FY27 base technical assistance allocation shall be disbursed during the first quarter of ~~FY26~~ FY27.

~~FY26~~ FY27 cost-share funds will be disbursed quarterly after Department personnel and District staff determine each District's obligations for cost-share contracts in that quarter. ~~FY26~~ FY27 additional technical assistance funds will be disbursed proportionally (~~13%~~12%) with the cost-share funds, provided updates to the AgBMP Tracking Module are being entered monthly to the satisfaction of the Department. Except due to extenuating circumstances or as otherwise set out in the Grant Agreement, disbursements to Districts will be executed within 45 calendar days following the beginning of a quarter contingent upon the satisfactory completion of database updates and the receipt of complete and accurate reports.

Should new ~~FY26~~ FY27 funding be transferred between Districts or reallocated, technical assistance funds noted in the column "~~FY26~~ FY27 TA Addition to the ~~FY26~~ FY27 TA Base" shall proportionally be transferred with the cost-share.

12. Signatures on the VACS Contract

For any practice funded in whole or in part by the VACS Program, a VACS contract must be completed and signed in its entirety by both the appropriate District staff, District Director, and the participant. For any practice marked complete and issued payment on or after July 1, 2022, failure to obtain the appropriate signatures on a VACS contract in its entirety will result in the amount provided in VACS cost-share funding for the practice, including the associated technical assistance funding, being withheld from the District's cost-share and technical assistance allocation for the next fiscal year by the Department. VACS cost-share files will be examined during financial audits, administrative cost share file reviews, and verifications to ensure the appropriate signatures have been obtained.

13. Noncompliance with this Policy:
In the event any District fails to comply with the provisions of this Policy, the Department reserves the right to require repayment of previously issued funds and/or direct further appropriate actions based upon noncompliance circumstances. Should an issue arise that impacts funding, the affected District(s) will be apprised of the issue(s) and will be provided an opportunity to address the concerns to the Department prior to Department action.

14. Unexpected State Funds Maintained by Districts:
Following the submission of the District's End of Year Cash Balance Report, all unobligated funds will be returned to the Department for reallocation in accordance with Section 9. Public funds from local, state, and federal sources are provided to Districts not for savings, but for performance of conservation and other required deliverables. It is unadvisable for any District to accumulate more than twelve months of Technical Assistance funds. The Department will monitor the growth of unexpended funds through audit reports and other fiscal reports generated by or at the request of the Department. The Department may reduce future funding to Districts that fail to act upon guidance and recommendations from auditors and the Department. Decisions and Department actions will be addressed on a case-by-case basis working with the affected District.

15. Criteria for Cost-share and Technical Assistance:
Funding allocated to Districts as cost-share and technical assistance is contingent upon appropriations by the General Assembly. Should funding availability fall short of appropriation projections during the course of ~~FY26~~ FY27, after the Department has utilized all unallocated and unobligated balances it may have available (such as CTI), every District will receive an equal percent reduction which will be calculated and deducted from each District's unobligated total approved cost-share and technical assistance funding specified within the Department/District Grant Agreement. When a reduction of funds is necessary, the Department will make reductions from available unobligated cost-share first and reduce technical assistance last. Should a reduction of funds occur, every District must return funding within 30 days of receiving notice of such reduction from the Department. Should all cost-share and technical assistance funding within a District be obligated and it becomes necessary to reduce such funds, then adjustments will be made to the next fiscal year's spending plan to honor existing commitments from the prior fiscal year first or during reallocation as determined by the Department. The Department shall refer to working papers for fund source allocations for cost-share and for technical assistance to guide reductions as may be necessary.

In the event a new District is formed or an existing District alters its boundaries, the Board will examine the total financial resources under its control and its priorities for use of these funds and adhere to its Policy titled Financial Commitments For Establishment of a New Soil & Water Conservation District (SWCD/district), or Realignment of an Existing District on all funding decisions in this Policy. The newly created or altered District may be funded at a reduced level, or may be required to share funding in an arrangement determined by the Board until sufficient funding is made available to fulfill provisions of this Policy and priorities of the Board.

Expenditure of District funds, regardless of source, will be made without regard to any person's race, color, religion, sex, age, national origin, handicap, or political affiliation.

All funds received by Districts are public funds and provisions of the Freedom of Information Act shall apply to financial records, unless otherwise specified within the Act or elsewhere in the *Code of Virginia*. Each District shall safeguard, provide accountability, and expend funds only for approved purposes.

16. Electronic Copy:
An electronic copy of this Policy guidance in PDF format is available on the Department of Conservation and Recreation's website at http://www.dcr.virginia.gov/laws-and-regulations/lr8b.

17. Contact Information:
Please contact the Department of Conservation and Recreation's Soil and Water Conservation Division by calling the Division's administrative support at 804-225-3653 with any questions regarding the application of this Policy. The call shall be referred to program staff accordingly.

18. Authorization:
Upon the approval of this Policy, the Department shall, in accordance with its fiduciary powers and responsibilities, make and enter into any and all Grant Agreements and contracts, and take all actions necessary, to fully implement and administer this Policy.

19. Adoption, Amendments, and Repeal:
This document supersedes the Policy titled Policy and Procedures on Soil and Water Conservation District Cost-Share and Technical Assistance Funding Allocations (Fiscal Year ~~2025~~2026) adopted ~~June 26, 2024~~ May 28, 2025 and will remain in effect until rescinded or superseded.

Attachment A

Computer Model Estimates and Ranks Based on the ~~2024~~ 2026 305(b) Report Data of the Agricultural Pollutant Loads of Nitrogen (N), Phosphorus (P), and Sediment (S) in Each of the 1,240 6th Level Hydrologic Units (HU)

(kg/Ag ha-yr – kilograms per agricultural hectare per year; mt/Ag ha-yr – metric tons per agricultural hectare per year)

~~2024~~ 2026 Report Dataset	Unit Area Loads - ~~2024~~ 2026			Sorted Sequence (Rank Order) Between HUs For Each Pollutant Unit Load					
VAHU6	**Ag N (kg/Ag ha-yr)**	**Ag P (kg/Ag ha-yr)**	**Ag S (mt/Ag ha-yr)**	**NSEQ**	**PSEQ**	**SSEQ**	**Sum Order**	**Agricultural Pollutant Potential Rank**	**Row#**
AS03 ~~AS03~~	90.68 ~~91.12~~	3.58 ~~3.73~~	1.34 ~~1.42~~	1199 ~~1220~~	1196 ~~1218~~	1131 ~~1185~~	3526 ~~3623~~	HIGH ~~HIGH~~	1 ~~1~~
JL34 ~~CU60~~	53.81 ~~51.58~~	1.90 ~~2.10~~	1.96 ~~1.80~~	1167 ~~1193~~	1141 ~~1188~~	1186 ~~1217~~	3494 ~~3598~~	HIGH ~~HIGH~~	2 ~~2~~
CU56 ~~JL37~~	46.63 ~~49.47~~	2.30 ~~2.12~~	1.80 ~~1.66~~	1139 ~~1183~~	1173 ~~1190~~	1180 ~~1211~~	3492 ~~3584~~	HIGH ~~HIGH~~	3 ~~3~~
CU60 ~~CU56~~	48.28 ~~45.09~~	1.94 ~~2.68~~	1.89 ~~1.48~~	1144 ~~1166~~	1146 ~~1210~~	1183 ~~1197~~	3473 ~~3573~~	HIGH ~~HIGH~~	4 ~~4~~
JL36 ~~JL36~~	51.41 ~~52.46~~	2.05 ~~2.13~~	1.41 ~~1.28~~	1157 ~~1199~~	1152 ~~1191~~	1143 ~~1168~~	3452 ~~3558~~	HIGH ~~HIGH~~	5 ~~5~~
JL37 ~~CU59~~	47.92 ~~50.09~~	1.97 ~~2.08~~	1.51 ~~1.30~~	1143 ~~1188~~	1147 ~~1187~~	1155 ~~1172~~	3445 ~~3547~~	HIGH ~~HIGH~~	6 ~~6~~
CU59 ~~JL39~~	46.10 ~~46.36~~	2.26 ~~1.96~~	1.39 ~~1.31~~	1134 ~~1170~~	1169 ~~1176~~	1139 ~~1174~~	3442 ~~3520~~	HIGH ~~HIGH~~	7 ~~7~~
CU58 ~~PL69~~	41.42 ~~35.94~~	1.71 ~~1.92~~	2.20 ~~2.86~~	1105 ~~1114~~	1118 ~~1174~~	1196 ~~1226~~	3419 ~~3514~~	HIGH ~~HIGH~~	8 ~~8~~

CU38~~CU58~~	46.27~~36.79~~	1.67~~1.51~~	1.44~~1.67~~	1137 ~~1125~~	1110 ~~1125~~	1145 ~~1212~~	3392~~3462~~	HIGH~~HIGH~~	9~~9~~
CU15~~JL41~~	36.80~~42.66~~	1.68~~1.84~~	1.81~~1.14~~	1074 ~~1154~~	1114 ~~1163~~	1181 ~~1136~~	3369~~3453~~	HIGH~~HIGH~~	10~~10~~
JL39~~CU57~~	45.75~~40.80~~	1.82~~1.61~~	1.22~~1.28~~	1132 ~~1144~~	1133 ~~1136~~	1098 ~~1167~~	3363~~3447~~	HIGH~~HIGH~~	11~~11~~
PL69~~JL33~~	33.01~~44.00~~	1.76~~1.83~~	3.03~~1.12~~	1039 ~~1161~~	1124 ~~1162~~	1200 ~~1121~~	3363~~3444~~	HIGH~~HIGH~~	12~~12~~
CU55~~JL25~~	45.27~~39.46~~	1.70~~1.37~~	1.27~~1.50~~	1129 ~~1136~~	1117 ~~1097~~	1115 ~~1198~~	3361~~3431~~	HIGH~~HIGH~~	13~~13~~
CU57~~JL27~~	41.96~~36.37~~	1.64~~1.33~~	1.36~~1.91~~	1110 ~~1119~~	1106 ~~1089~~	1136 ~~1222~~	3352~~3430~~	HIGH~~HIGH~~	14~~14~~
CU37~~JL34~~	42.94~~36.30~~	1.66~~1.33~~	1.30~~1.52~~	1117 ~~1118~~	1109 ~~1087~~	1123 ~~1201~~	3349~~3406~~	HIGH~~HIGH~~	15~~15~~
JL32~~PL67~~	35.70~~30.76~~	1.47~~1.62~~	1.94~~1.39~~	1064 ~~1079~~	1083 ~~1138~~	1184 ~~1184~~	3331~~3401~~	HIGH~~HIGH~~	16~~16~~
JL11~~RA53~~	40.38~~35.88~~	1.40~~1.28~~	1.61~~1.87~~	1098 ~~1113~~	1068 ~~1069~~	1164 ~~1219~~	3330~~3401~~	HIGH~~HIGH~~	17~~17~~
CM26~~CU55~~	44.09~~40.61~~	1.82~~1.55~~	1.15~~1.13~~	1122 ~~1143~~	1134 ~~1128~~	1071 ~~1126~~	3327~~3397~~	HIGH~~HIGH~~	18~~18~~
JU26~~CU38~~	24.90~~38.25~~	2.56~~1.39~~	1.78~~1.21~~	956~~1131~~	1179 ~~1101~~	1178 ~~1157~~	3313~~3389~~	HIGH~~HIGH~~	19~~19~~
JL24~~JL32~~	40.22~~32.73~~	1.58~~1.35~~	1.29~~1.55~~	1096 ~~1090~~	1097 ~~1095~~	1119 ~~1204~~	3312~~3389~~	HIGH~~HIGH~~	20~~20~~
JL33~~JL24~~	41.26~~39.40~~	1.71~~1.49~~	1.20~~1.13~~	1104 ~~1135~~	1120 ~~1120~~	1088 ~~1131~~	3312~~3386~~	HIGH~~HIGH~~	21~~21~~
JL27~~JL10~~	36.06~~42.92~~	1.32~~1.49~~	2.14~~1.08~~	1068 ~~1157~~	1049 ~~1119~~	1192 ~~1109~~	3309~~3385~~	HIGH~~HIGH~~	22~~22~~
JL41~~JL35~~	43.66~~34.31~~	1.75~~1.32~~	1.13~~1.38~~	1120 ~~1103~~	1123 ~~1082~~	1065 ~~1181~~	3308~~3366~~	HIGH~~HIGH~~	23~~23~~
CU52~~JL14~~	46.29~~35.04~~	1.67~~1.40~~	1.10~~1.20~~	1138 ~~1107~~	1111 ~~1104~~	1055 ~~1148~~	3304~~3359~~	HIGH~~HIGH~~	24~~24~~

JL25~~YO62~~	38.10~~33.10~~	1.31~~1.20~~	1.63~~1.64~~	1082~~1094~~	1046~~1052~~	1165~~1210~~	3293~~3356~~	HIGH~~HIGH~~	25~~25~~
YO62~~JL30~~	36.15~~30.12~~	1.29~~1.26~~	1.73~~1.45~~	1070~~1071~~	1041~~1066~~	1174~~1191~~	3285~~3328~~	HIGH~~HIGH~~	26~~26~~
CM19~~JL29~~	35.73~~49.43~~	1.40~~1.71~~	1.45~~0.89~~	1065~~1182~~	1065~~1147~~	1147~~991~~	3277~~3320~~	HIGH~~HIGH~~	27~~27~~
JL26~~JL15~~	34.42~~27.78~~	1.25~~1.19~~	2.16~~1.91~~	1054~~1048~~	1030~~1049~~	1193~~1221~~	3277~~3318~~	HIGH~~HIGH~~	28~~28~~
JL14~~PS23~~	35.75~~23.67~~	1.43~~1.33~~	1.39~~1.56~~	1066~~1023~~	1071~~1084~~	1138~~1206~~	3275~~3313~~	HIGH~~HIGH~~	29~~29~~
JA36~~JL46~~	34.54~~42.43~~	1.27~~1.79~~	1.73~~0.91~~	1057~~1152~~	1035~~1156~~	1173~~1004~~	3265~~3312~~	HIGH~~HIGH~~	30~~30~~
YO54~~JL40~~	38.08~~40.46~~	1.38~~1.68~~	1.30~~0.93~~	1081~~1142~~	1062~~1143~~	1122~~1024~~	3265~~3309~~	HIGH~~HIGH~~	31~~31~~
CU53~~AO23~~	47.20~~36.24~~	1.71~~1.43~~	1.00~~1.01~~	1142~~1117~~	1119~~1110~~	1002~~1076~~	3263~~3303~~	HIGH~~HIGH~~	32~~32~~
RA53~~PL66~~	33.72~~24.71~~	1.20~~1.31~~	1.99~~1.48~~	1049~~1028~~	1013~~1078~~	1188~~1195~~	3250~~3301~~	HIGH~~HIGH~~	33~~33~~
JL07~~JL42~~	42.80~~45.00~~	1.53~~1.86~~	1.07~~0.85~~	1116~~1165~~	1092~~1168~~	1041~~965~~	3249~~3298~~	HIGH~~HIGH~~	34~~34~~
AO23~~CU61~~	49.01~~50.66~~	1.86~~2.11~~	0.95~~0.81~~	1147~~1190~~	1138~~1189~~	962~~914~~	3247~~3293~~	HIGH~~HIGH~~	35~~35~~
JL01~~CM26~~	40.26~~35.74~~	1.41~~1.48~~	1.11~~0.97~~	1097~~1111~~	1069~~1118~~	1061~~1055~~	3227~~3284~~	HIGH~~HIGH~~	36~~36~~
CU25~~RA57~~	41.00~~32.51~~	1.52~~1.16~~	1.06~~1.17~~	1102~~1088~~	1091~~1039~~	1030~~1142~~	3223~~3269~~	HIGH~~HIGH~~	37~~37~~
JL04~~PL73~~	40.84~~30.24~~	1.47~~1.46~~	1.06~~1.01~~	1101~~1072~~	1082~~1115~~	1036~~1080~~	3219~~3267~~	HIGH~~HIGH~~	38~~38~~
JL22~~PS15~~	36.05~~22.09~~	1.31~~1.20~~	1.24~~1.51~~	1067~~1013~~	1047~~1050~~	1104~~1199~~	3218~~3262~~	HIGH~~HIGH~~	39~~39~~
JL15~~RA59~~	28.31~~30.80~~	1.22~~1.11~~	2.26~~1.20~~	996~~1080~~	1023~~1022~~	1197~~1150~~	3216~~3252~~	HIGH~~HIGH~~	40~~40~~

CU31~~CU41~~	38.74~~30.65~~	1.92~~1.22~~	0.98~~1.11~~	1086~~1076~~	1144~~1055~~	984~~1120~~	3214~~3251~~	HIGH~~HIGH~~	41~~41~~
JL10~~PS05~~	39.41~~18.26~~	1.35~~1.30~~	1.12~~1.24~~	1091~~976~~	1055~~1076~~	1064~~1162~~	3210~~3214~~	HIGH~~HIGH~~	42~~42~~
JL30~~PS19~~	30.10~~20.37~~	1.25~~1.14~~	1.64~~1.35~~	1013~~999~~	1029~~1036~~	1166~~1179~~	3208~~3214~~	HIGH~~HIGH~~	43~~43~~
JL29~~PS16~~	46.94~~23.47~~	1.61~~1.34~~	0.95~~1.07~~	1141~~1022~~	1100~~1091~~	964~~1100~~	3205~~3213~~	HIGH~~HIGH~~	44~~44~~
PL67~~JA45~~	26.36~~30.02~~	1.46~~1.13~~	1.51~~1.10~~	966~~1069~~	1080~~1028~~	1154~~1113~~	3200~~3210~~	HIGH~~HIGH~~	45~~45~~
CM20~~PL38~~	52.96~~28.38~~	1.98~~1.40~~	0.83~~0.96~~	1164~~1052~~	1149~~1105~~	882~~1052~~	3195~~3209~~	HIGH~~HIGH~~	46~~46~~
JL43~~PS58~~	49.06~~18.28~~	2.06~~1.21~~	0.84~~1.32~~	1148~~977~~	1154~~1054~~	892~~1176~~	3194~~3207~~	HIGH~~HIGH~~	47~~47~~
CU28~~PS20~~	44.62~~23.45~~	1.62~~1.29~~	0.95~~1.07~~	1125~~1020~~	1102~~1074~~	966~~1106~~	3193~~3200~~	HIGH~~HIGH~~	48~~48~~
CU41~~CM19~~	33.71~~29.25~~	1.29~~1.12~~	1.24~~1.08~~	1048~~1062~~	1040~~1026~~	1103~~1108~~	3191~~3196~~	HIGH~~HIGH~~	49~~49~~
CU45~~JL05~~	41.99~~26.17~~	3.92~~1.00~~	0.83~~1.26~~	1111~~1037~~	1200~~990~~	876~~1165~~	3187~~3192~~	HIGH~~HIGH~~	50~~50~~
JL13~~JU40~~	36.13~~20.71~~	1.28~~0.91~~	1.18~~2.98~~	1069~~1003~~	1038~~955~~	1079~~1227~~	3186~~3185~~	HIGH~~HIGH~~	51~~51~~
JL12~~PS03~~	37.22~~18.69~~	1.43~~1.40~~	1.05~~1.05~~	1077~~983~~	1072~~1103~~	1026~~1097~~	3175~~3183~~	HIGH~~HIGH~~	52~~52~~
CU44~~YO35~~	49.29~~28.50~~	1.81~~0.97~~	0.84~~1.14~~	1150~~1055~~	1130~~985~~	891~~1134~~	3171~~3174~~	HIGH~~HIGH~~	53~~53~~
JL46~~YO32~~	43.53~~33.04~~	1.73~~1.17~~	0.88~~0.94~~	1119~~1093~~	1122~~1041~~	928~~1036~~	3169~~3170~~	HIGH~~HIGH~~	54~~54~~
CU61~~PL72~~	52.95~~27.41~~	2.09~~1.33~~	0.79~~0.94~~	1163~~1044~~	1159~~1083~~	846~~1035~~	3168~~3162~~	HIGH~~HIGH~~	55~~55~~
CM18~~JL01~~	29.79~~30.69~~	1.19~~1.12~~	1.46~~0.95~~	1009~~1077~~	1010~~1027~~	1148~~1042~~	3167~~3146~~	HIGH~~HIGH~~	56~~56~~

JL05~~JU34~~	31.50~~20.28~~	1.15~~1.44~~	1.35~~0.94~~	1026~~998~~	995~~1113~~	1132~~1034~~	3153~~3145~~	HIGH~~HIGH~~	57~~57~~
JU34~~JL28~~	21.67~~33.69~~	1.44~~1.23~~	1.53~~0.89~~	922~~1097~~	1074~~1056~~	1156~~990~~	3152~~3143~~	HIGH~~HIGH~~	58~~58~~
YO59~~RA55~~	29.92~~32.19~~	1.10~~1.14~~	1.59~~0.93~~	1011~~1084~~	978~~1034~~	1162~~1025~~	3151~~3143~~	HIGH~~HIGH~~	59~~59~~
CU54~~RA54~~	45.43~~29.66~~	1.66~~1.07~~	0.84~~0.98~~	1131~~1066~~	1108~~1011~~	894~~1059~~	3133~~3136~~	HIGH~~HIGH~~	60~~60~~
PL66~~PL71~~	23.98~~30.57~~	1.25~~1.51~~	1.60~~0.82~~	943~~1074~~	1026~~1122~~	1163~~938~~	3132~~3134~~	HIGH~~HIGH~~	61~~61~~
JL42~~YO36~~	46.13~~36.19~~	1.81~~1.32~~	0.82~~0.82~~	1135~~1116~~	1129~~1081~~	867~~935~~	3131~~3132~~	HIGH~~HIGH~~	62~~62~~
CM24~~CM18~~	39.88~~23.46~~	1.55~~0.95~~	0.90~~1.14~~	1094~~1021~~	1095~~969~~	938~~1135~~	3127~~3125~~	HIGH~~HIGH~~	63~~63~~
JL03~~JL43~~	32.46~~42.59~~	1.21~~1.87~~	1.16~~0.72~~	1035~~1153~~	1015~~1169~~	1073~~802~~	3123~~3124~~	HIGH~~HIGH~~	64~~64~~
JL40~~PS11~~	40.67~~19.91~~	1.59~~1.13~~	0.86~~1.04~~	1100~~992~~	1098~~1031~~	915~~1092~~	3113~~3115~~	HIGH~~HIGH~~	65~~65~~
JL23~~CM20~~	32.85~~45.25~~	1.22~~1.72~~	1.08~~0.71~~	1038~~1167~~	1020~~1149~~	1046~~796~~	3104~~3112~~	HIGH~~HIGH~~	66~~66~~
RA57~~PL68~~	30.60~~29.40~~	1.08~~1.51~~	1.25~~0.82~~	1019~~1064~~	972~~1123~~	1108~~924~~	3099~~3111~~	HIGH~~HIGH~~	67~~67~~
JL28~~PS21~~	36.92~~18.55~~	1.34~~1.03~~	0.95~~1.12~~	1076~~981~~	1054~~1001~~	968~~1122~~	3098~~3104~~	HIGH~~HIGH~~	68~~68~~
CB24~~RA43~~	63.72~~18.78~~	2.17~~0.82~~	0.70~~1.42~~	1183~~985~~	1166~~925~~	746~~1186~~	3095~~3096~~	HIGH~~HIGH~~	69~~69~~
CU34~~JL04~~	35.63~~30.12~~	1.37~~1.14~~	0.97~~0.89~~	1063~~1070~~	1059~~1033~~	973~~989~~	3095~~3092~~	HIGH~~HIGH~~	70~~70~~
PS16~~RA40~~	24.15~~22.03~~	1.27~~1.00~~	1.25~~1.04~~	947~~1012~~	1034~~991~~	1109~~1087~~	3090~~3090~~	HIGH~~HIGH~~	71~~71~~
JL08~~RA39~~	27.22~~29.75~~	1.10~~1.25~~	1.32~~0.85~~	978~~1067~~	980~~1062~~	1127~~958~~	3085~~3087~~	HIGH~~HIGH~~	72~~72~~

YO61~~JA36~~	33.05~~21.83~~	1.18~~0.86~~	1.06~~1.13~~	1040~~1011~~	1009~~940~~	1034~~1133~~	3083~~3084~~	HIGH~~HIGH~~	73~~73~~
YO37~~PS64~~	29.59~~17.76~~	1.05~~1.27~~	1.26~~0.95~~	1004~~970~~	959~~1068~~	1112~~1045~~	3075~~3083~~	HIGH~~HIGH~~	74~~74~~
CB07~~AS06~~	33.25~~99.46~~	1.23~~4.07~~	1.01~~0.60~~	1041~~1224~~	1024~~1222~~	1008~~625~~	3073~~3071~~	HIGH~~HIGH~~	75~~75~~
PS19~~RA38~~	21.03~~27.86~~	1.11~~1.19~~	1.68~~0.86~~	914~~1049~~	983~~1048~~	1169~~974~~	3066~~3071~~	HIGH~~HIGH~~	76~~76~~
PL73~~PS22~~	27.94~~17.60~~	1.31~~0.96~~	1.06~~1.10~~	988~~968~~	1045~~980~~	1029~~1115~~	3062~~3063~~	HIGH~~HIGH~~	77~~77~~
PS22~~RD70~~	20.50~~18.49~~	1.14~~0.93~~	1.58~~1.11~~	909~~980~~	993~~962~~	1160~~1117~~	3062~~3059~~	HIGH~~HIGH~~	78~~78~~
CB14~~RA36~~	33.63~~19.45~~	1.27~~0.78~~	0.97~~1.26~~	1047~~989~~	1033~~902~~	972~~1166~~	3052~~3057~~	HIGH~~HIGH~~	79~~79~~
RA59~~JM44~~	28.23~~17.52~~	1.02~~0.97~~	1.25~~1.07~~	994~~966~~	943~~982~~	1110~~1105~~	3047~~3053~~	HIGH~~HIGH~~	80~~80~~
CU24~~RA60~~	36.34~~29.32~~	1.35~~1.06~~	0.86~~0.87~~	1072~~1063~~	1056~~1009~~	914~~977~~	3042~~3049~~	HIGH~~HIGH~~	81~~81~~
YO60~~PS62~~	33.46~~18.38~~	1.20~~1.41~~	0.99~~0.85~~	1043~~979~~	1011~~1107~~	988~~960~~	3042~~3046~~	HIGH~~HIGH~~	82~~82~~
YO52~~RD68~~	29.72~~20.06~~	1.09~~0.90~~	1.10~~1.05~~	1006~~995~~	976~~954~~	1053~~1096~~	3035~~3045~~	HIGH~~HIGH~~	83~~83~~
YO53~~JL09~~	26.61~~30.72~~	0.98~~1.14~~	1.36~~0.82~~	971~~1078~~	926~~1035~~	1135~~928~~	3032~~3041~~	HIGH~~HIGH~~	84~~84~~
CM25~~PS33~~	30.77~~16.52~~	1.36~~1.02~~	0.93~~1.03~~	1021~~954~~	1057~~999~~	952~~1086~~	3030~~3039~~	HIGH~~HIGH~~	85~~85~~
PS64~~RA56~~	18.38~~31.39~~	1.43~~1.13~~	1.10~~0.82~~	893~~1081~~	1073~~1030~~	1054~~927~~	3020~~3038~~	HIGH~~HIGH~~	86~~86~~
JU40~~YO29~~	21.58~~33.97~~	0.92~~1.23~~	3.32~~0.77~~	920~~1099~~	898~~1057~~	1201~~872~~	3019~~3028~~	HIGH~~HIGH~~	87~~87~~
JL35~~CU52~~	26.11~~24.92~~	1.06~~0.96~~	1.20~~0.92~~	963~~1031~~	964~~974~~	1089~~1018~~	3016~~3023~~	HIGH~~HIGH~~	88~~88~~

YO55~~YO30~~	31.93~~18.87~~	1.13~~0.95~~	0.99~~1.00~~	1030~~986~~	991~~970~~	993~~1066~~	3014~~3022~~	HIGH~~HIGH~~	89~~89~~
PS33~~RA29~~	17.59~~16.69~~	1.15~~0.82~~	1.30~~1.16~~	887~~956~~	998~~923~~	1124~~1141~~	3009~~3020~~	HIGH~~HIGH~~	90~~90~~
RU75~~JL06~~	20.14~~30.01~~	1.02~~1.12~~	1.57~~0.82~~	905~~1068~~	945~~1023~~	1158~~925~~	3008~~3016~~	HIGH~~HIGH~~	91~~91~~
PS58~~JL31~~	16.78~~34.06~~	1.11~~1.24~~	1.40~~0.76~~	880~~1100~~	985~~1061~~	1142~~851~~	3007~~3012~~	HIGH~~HIGH~~	92~~92~~
RD68~~YO56~~	23.56~~28.33~~	1.07~~1.08~~	1.23~~0.83~~	938~~1051~~	968~~1014~~	1099~~945~~	3005~~3010~~	HIGH~~HIGH~~	93~~93~~
YO32~~RA21~~	31.00~~24.63~~	1.09~~1.15~~	1.00~~0.83~~	1023~~1027~~	977~~1038~~	998~~944~~	2998~~3009~~	HIGH~~HIGH~~	94~~94~~
YO58~~CM24~~	29.21~~33.03~~	1.08~~1.29~~	1.04~~0.75~~	1002~~1092~~	971~~1073~~	1021~~840~~	2994~~3005~~	HIGH~~HIGH~~	95~~95~~
CU39~~RU93~~	41.06~~15.30~~	1.52~~0.71~~	0.74~~1.82~~	1103~~926~~	1089~~859~~	801~~1218~~	2993~~3003~~	HIGH~~HIGH~~	96~~96~~
CB13~~JL47~~	30.51~~46.56~~	1.11~~1.99~~	0.99~~0.62~~	1018~~1171~~	981~~1181~~	991~~650~~	2990~~3002~~	HIGH~~HIGH~~	97~~97~~
JL06~~JL11~~	35.52~~18.14~~	1.28~~0.66~~	0.84~~1.48~~	1062~~975~~	1037~~827~~	889~~1196~~	2988~~2998~~	HIGH~~HIGH~~	98~~98~~
YO35~~JL03~~	27.29~~21.54~~	0.91~~0.85~~	1.25~~0.95~~	980~~1009~~	897~~935~~	1111~~1043~~	2988~~2987~~	HIGH~~HIGH~~	99~~99~~
AS06~~RA58~~	90.56~~32.88~~	3.57~~1.13~~	0.59~~0.77~~	1198~~1091~~	1195~~1032~~	594~~864~~	2987~~2987~~	HIGH~~HIGH~~	100~~100~~
PS15~~CU37~~	20.17~~27.16~~	0.97~~1.05~~	1.58~~0.83~~	906~~1041~~	919~~1004~~	1161~~939~~	2986~~2984~~	HIGH~~HIGH~~	101~~101~~
PS03~~CU43~~	17.22~~27.42~~	1.20~~1.05~~	1.16~~0.82~~	884~~1045~~	1014~~1007~~	1076~~932~~	2974~~2984~~	HIGH~~HIGH~~	102~~102~~
YO36~~CM25~~	33.60~~26.18~~	1.22~~1.19~~	0.86~~0.79~~	1046~~1038~~	1019~~1047~~	907~~898~~	2972~~2983~~	HIGH~~HIGH~~	103~~103~~
PL72~~RA06~~	25.59~~15.62~~	1.21~~0.87~~	0.98~~1.05~~	961~~933~~	1016~~941~~	987~~1098~~	2964~~2972~~	HIGH~~HIGH~~	104~~104~~

PL71~~CU31~~	28.01~~28.88~~	1.37~~1.33~~	0.86~~0.74~~	990~~1061~~	1060~~1088~~	910~~822~~	2960~~2971~~	HIGH~~HIGH~~	105~~105~~
CU27~~PL36~~	27.04~~19.42~~	1.08~~1.07~~	1.02~~0.85~~	975~~988~~	970~~1013~~	1014~~964~~	2959~~2965~~	HIGH~~HIGH~~	106~~106~~
RA43~~AO15~~	20.42~~69.38~~	0.89~~2.69~~	1.65~~0.56~~	908~~1213~~	881~~1211~~	1167~~539~~	2956~~2963~~	HIGH~~HIGH~~	107~~107~~
YO63~~CU48~~	30.70~~42.70~~	1.08~~1.61~~	0.95~~0.63~~	1020~~1155~~	973~~1137~~	963~~670~~	2956~~2962~~	HIGH~~HIGH~~	108~~108~~
PL51~~JM50~~	22.39~~14.65~~	0.83~~0.80~~	1.69~~1.19~~	928~~901~~	851~~913~~	1170~~1147~~	2949~~2961~~	HIGH~~HIGH~~	109~~109~~
RA55~~CU34~~	29.72~~28.75~~	1.05~~1.11~~	0.97~~0.78~~	1007~~1058~~	961~~1021~~	976~~881~~	2944~~2960~~	HIGH~~HIGH~~	110~~110~~
JM62~~PS25~~	19.75~~16.49~~	0.81~~0.92~~	2.50~~0.95~~	903~~952~~	842~~958~~	1198~~1047~~	2943~~2957~~	HIGH~~HIGH~~	111~~111~~
CU40~~JL07~~	39.17~~19.94~~	1.47~~0.76~~	0.71~~1.00~~	1089~~994~~	1084~~894~~	762~~1068~~	2935~~2956~~	HIGH~~HIGH~~	112~~112~~
CM23~~PS63~~	25.12~~16.02~~	1.00~~1.38~~	1.07~~0.81~~	958~~943~~	933~~1098~~	1038~~915~~	2929~~2956~~	HIGH~~HIGH~~	113~~113~~
CU43~~PS32~~	29.42~~21.28~~	1.12~~1.16~~	0.88~~0.80~~	1003~~1005~~	988~~1040~~	933~~910~~	2924~~2955~~	HIGH~~HIGH~~	114~~114~~
CU18~~JU62~~	31.08~~12.99~~	1.16~~0.92~~	0.85~~1.30~~	1024~~823~~	1002~~960~~	897~~1171~~	2923~~2954~~	HIGH~~HIGH~~	115~~115~~
RA54~~YO28~~	27.13~~19.75~~	1.00~~0.86~~	1.02~~0.93~~	976~~990~~	932~~938~~	1015~~1021~~	2923~~2949~~	HIGH~~HIGH~~	116~~116~~
YO50~~PU06~~	30.50~~12.55~~	1.11~~1.10~~	0.87~~1.13~~	1017~~799~~	984~~1017~~	922~~1129~~	2923~~2945~~	HIGH~~HIGH~~	117~~117~~
JL55~~CU44~~	51.11~~37.11~~	3.10~~1.55~~	0.58~~0.64~~	1154~~1126~~	1187~~1129~~	581~~689~~	2922~~2944~~	HIGH~~HIGH~~	118~~118~~
CU48~~PL39~~	44.83~~22.52~~	1.68~~1.17~~	0.66~~0.78~~	1126~~1016~~	1113~~1044~~	682~~883~~	2921~~2943~~	HIGH~~HIGH~~	119~~119~~
PL41~~PS67~~	20.39~~17.05~~	0.78~~1.13~~	1.94~~0.84~~	907~~961~~	829~~1029~~	1185~~952~~	2921~~2942~~	HIGH~~HIGH~~	120~~120~~

YO51~~YO54~~	26.20~~17.38~~	0.93~~0.67~~	1.09~~1.19~~	964~~964~~	905~~831~~	1051~~1144~~	2920~~2939~~	HIGH~~HIGH~~	121~~121~~
JL09~~CL03~~	29.61~~44.97~~	1.09~~2.61~~	0.90~~0.58~~	1005~~1164~~	974~~1207~~	940~~567~~	2919~~2938~~	HIGH~~HIGH~~	122~~122~~
PL38~~JM49~~	27.65~~13.90~~	1.16~~0.76~~	0.88~~1.32~~	985~~866~~	1000~~895~~	931~~1175~~	2916~~2936~~	HIGH~~HIGH~~	123~~123~~
CB17~~RL12~~	49.18~~15.64~~	1.69~~0.74~~	0.63~~1.11~~	1149~~934~~	1115~~881~~	651~~1119~~	2915~~2934~~	HIGH~~HIGH~~	124~~124~~
PL68~~RA20~~	26.44~~21.42~~	1.36~~0.79~~	0.84~~0.92~~	968~~1007~~	1058~~912~~	886~~1013~~	2912~~2932~~	HIGH~~HIGH~~	125~~125~~
RD71~~RA37~~	16.13~~16.55~~	0.82~~0.73~~	1.99~~1.05~~	870~~955~~	846~~877~~	1189~~1099~~	2905~~2931~~	HIGH~~HIGH~~	126~~126~~
CM22~~JU50~~	26.87~~13.70~~	1.09~~0.70~~	0.93~~1.71~~	972~~861~~	975~~855~~	955~~1213~~	2902~~2929~~	HIGH~~HIGH~~	127~~127~~
PS05~~CB24~~	15.64~~46.69~~	1.02~~1.65~~	1.22~~0.60~~	859~~1172~~	948~~1140~~	1095~~614~~	2902~~2926~~	HIGH~~HIGH~~	128~~128~~
RA39~~JA13~~	27.99~~14.64~~	1.17~~0.84~~	0.85~~1.04~~	989~~899~~	1004~~933~~	906~~1093~~	2899~~2925~~	HIGH~~HIGH~~	129~~129~~
JL20~~JL20~~	27.39~~20.98~~	0.97~~0.81~~	1.00~~0.90~~	981~~1004~~	917~~920~~	999~~997~~	2897~~2921~~	HIGH~~HIGH~~	130~~130~~
RA60~~JL55~~	28.04~~48.62~~	1.00~~2.97~~	0.94~~0.55~~	991~~1179~~	936~~1214~~	958~~525~~	2885~~2918~~	HIGH~~HIGH~~	131~~131~~
JL49~~JU37~~	53.86~~13.23~~	2.16~~0.72~~	0.56~~1.76~~	1168~~835~~	1164~~866~~	550~~1216~~	2882~~2917~~	HIGH~~HIGH~~	132~~132~~
PS68~~RA27~~	16.55~~14.69~~	1.18~~0.78~~	0.99~~1.10~~	878~~902~~	1007~~904~~	992~~1111~~	2877~~2917~~	HIGH~~HIGH~~	133~~133~~
CU26~~JL13~~	32.23~~17.50~~	1.25~~0.64~~	0.75~~1.16~~	1034~~965~~	1028~~811~~	812~~1138~~	2874~~2914~~	HIGH~~HIGH~~	134~~134~~
YO57~~JL49~~	26.97~~52.51~~	0.97~~2.18~~	0.97~~0.55~~	973~~1200~~	920~~1194~~	975~~514~~	2868~~2908~~	HIGH~~HIGH~~	135~~135~~
PS39~~CU47~~	14.49~~36.78~~	1.18~~1.40~~	1.04~~0.63~~	835~~1124~~	1006~~1106~~	1024~~677~~	2865~~2907~~	HIGH~~HIGH~~	136~~136~~

PS62~~JM15~~	16.27~~12.90~~	1.26~~0.74~~	0.93~~1.60~~	872~~815~~	1032~~883~~	954~~1208~~	2858~~2906~~	HIGH~~HIGH~~	137~~137~~
JM50~~PS59~~	15.87~~15.04~~	0.83~~0.87~~	1.40~~0.95~~	865~~914~~	849~~945~~	1141~~1046~~	2855~~2905~~	HIGH~~HIGH~~	138~~138~~
CB10~~PS68~~	29.01~~15.82~~	1.02~~1.10~~	0.85~~0.84~~	1000~~936~~	950~~1016~~	901~~949~~	2851~~2901~~	HIGH~~HIGH~~	139~~139~~
CU47~~YO67~~	38.54~~24.46~~	1.46~~0.95~~	0.66~~0.80~~	1084~~1026~~	1079~~971~~	686~~902~~	2849~~2899~~	HIGH~~HIGH~~	140~~140~~
CB08~~PS55~~	33.52~~13.46~~	1.20~~0.97~~	0.73~~0.99~~	1045~~848~~	1012~~984~~	788~~1065~~	2845~~2897~~	HIGH~~HIGH~~	141~~141~~
PS26~~RL08~~	19.46~~14.99~~	1.06~~0.66~~	0.98~~1.23~~	899~~913~~	966~~825~~	979~~1159~~	2844~~2897~~	HIGH~~HIGH~~	142~~142~~
CU42~~JM42~~	31.71~~13.36~~	1.18~~0.74~~	0.75~~1.24~~	1027~~842~~	1008~~884~~	805~~1164~~	2840~~2890~~	HIGH~~HIGH~~	143~~143~~
JA40~~CU39~~	30.28~~35.53~~	1.16~~1.31~~	0.76~~0.64~~	1015~~1110~~	1001~~1079~~	824~~700~~	2840~~2889~~	HIGH~~HIGH~~	144~~144~~
JL47~~JL22~~	46.00~~16.47~~	1.88~~0.66~~	0.57~~1.10~~	1133~~951~~	1140~~826~~	567~~1112~~	2840~~2889~~	HIGH~~HIGH~~	145~~145~~
PS14~~CU18~~	18.85~~27.65~~	1.24~~1.04~~	0.86~~0.75~~	897~~1047~~	1025~~1003~~	918~~837~~	2840~~2887~~	HIGH~~HIGH~~	146~~146~~
YO56~~PS26~~	26.53~~18.58~~	1.01~~0.83~~	0.88~~0.87~~	969~~982~~	940~~927~~	929~~978~~	2838~~2887~~	HIGH~~HIGH~~	147~~147~~
RD73~~PS10~~	15.13~~14.48~~	0.87~~0.87~~	1.28~~0.96~~	850~~890~~	868~~943~~	1117~~1049~~	2835~~2882~~	HIGH~~HIGH~~	148~~148~~
CU50~~JM62~~	51.54~~15.35~~	1.83~~0.59~~	0.55~~1.74~~	1158~~928~~	1137~~738~~	538~~1215~~	2833~~2881~~	HIGH~~HIGH~~	149~~149~~
PS23~~RA30~~	14.05~~14.89~~	0.79~~0.66~~	1.98~~1.16~~	813~~910~~	833~~828~~	1187~~1140~~	2833~~2878~~	HIGH~~HIGH~~	150~~150~~
YO45~~PS57~~	21.00~~15.50~~	0.84~~0.94~~	1.11~~0.87~~	913~~931~~	858~~967~~	1060~~979~~	2831~~2877~~	HIGH~~HIGH~~	151~~151~~
YO48~~RU92~~	22.69~~14.08~~	0.89~~0.66~~	1.02~~1.33~~	931~~876~~	883~~823~~	1016~~1177~~	2830~~2876~~	HIGH~~HIGH~~	152~~152~~

PS25~~CU53~~	16.50~~20.51~~	0.89~~0.79~~	1.15~~0.85~~	876~~1000~~	882~~911~~	1070~~962~~	2828~~2873~~	HIGH~~HIGH~~	153~~153~~
PS11~~JL12~~	17.74~~17.77~~	0.89~~0.72~~	1.10~~0.93~~	889~~971~~	879~~869~~	1058~~1033~~	2826~~2873~~	HIGH~~HIGH~~	154~~154~~
RA40~~YO06~~	20.67~~14.50~~	0.98~~0.76~~	0.98~~1.03~~	910~~892~~	924~~891~~	985~~1083~~	2819~~2866~~	HIGH~~HIGH~~	155~~155~~
JL31~~CU66~~	24.59~~39.74~~	0.90~~2.30~~	0.97~~0.55~~	950~~1137~~	889~~1199~~	977~~524~~	2816~~2860~~	HIGH~~HIGH~~	156~~156~~
CB26~~CU69~~	55.04~~39.99~~	2.08~~2.37~~	0.51~~0.55~~	1169~~1140~~	1158~~1201~~	487~~519~~	2814~~2860~~	HIGH~~HIGH~~	157~~157~~
YO33~~RA18~~	22.25~~24.35~~	0.81~~1.10~~	1.08~~0.72~~	926~~1025~~	841~~1018~~	1045~~809~~	2812~~2852~~	HIGH~~HIGH~~	158~~158~~
CL03~~PS14~~	44.10~~18.29~~	2.34~~1.23~~	0.53~~0.73~~	1123~~978~~	1174~~1058~~	512~~812~~	2809~~2848~~	HIGH~~HIGH~~	159~~159~~
RA56~~PS56~~	28.10~~15.36~~	1.01~~0.91~~	0.83~~0.85~~	992~~929~~	942~~956~~	874~~963~~	2808~~2848~~	HIGH~~HIGH~~	160~~160~~
RA58~~RL11~~	29.88~~15.92~~	1.03~~0.73~~	0.78~~0.93~~	1010~~939~~	951~~876~~	840~~1026~~	2801~~2841~~	HIGH~~HIGH~~	161~~161~~
RU84~~JA20~~	14.67~~13.40~~	0.81~~0.68~~	1.29~~1.21~~	841~~844~~	839~~840~~	1120~~1154~~	2800~~2838~~	HIGH~~HIGH~~	162~~162~~
RA38~~JM48~~	24.79~~13.97~~	0.99~~0.80~~	0.86~~0.96~~	953~~869~~	927~~915~~	919~~1048~~	2799~~2832~~	HIGH~~HIGH~~	163~~163~~
JA13~~JL19~~	15.39~~23.82~~	0.79~~0.95~~	1.24~~0.75~~	854~~1024~~	832~~972~~	1107~~831~~	2793~~2827~~	HIGH~~HIGH~~	164~~164~~
JA45~~PL37~~	24.35~~20.62~~	0.89~~1.11~~	0.95~~0.72~~	948~~1002~~	880~~1019~~	965~~805~~	2793~~2826~~	HIGH~~HIGH~~	165~~165~~
YO67~~CB26~~	27.29~~47.14~~	1.03~~1.84~~	0.81~~0.53~~	979~~1175~~	952~~1164~~	860~~481~~	2791~~2820~~	HIGH~~HIGH~~	166~~166~~
CB12~~JL23~~	52.75~~15.95~~	1.81~~0.63~~	0.52~~1.03~~	1162~~941~~	1131~~792~~	492~~1085~~	2785~~2818~~	HIGH~~HIGH~~	167~~167~~
JL16~~PS09~~	25.32~~16.09~~	0.97~~1.01~~	0.85~~0.78~~	960~~945~~	918~~994~~	902~~878~~	2780~~2817~~	HIGH~~HIGH~~	168~~168~~

AO15~~CL05~~	61.21~~59.46~~	2.29~~3.54~~	0.49~~0.49~~	1180~~1205~~	1171~~1216~~	428~~391~~	2779~~2812~~	HIGH~~HIGH~~	169~~169~~
CU35~~RD71~~	29.09~~12.57~~	1.15~~0.66~~	0.73~~1.43~~	1001~~801~~	997~~824~~	781~~1187~~	2779~~2812~~	HIGH~~HIGH~~	170~~170~~
PL34~~PS61~~	23.61~~14.43~~	0.98~~0.82~~	0.86~~0.90~~	939~~888~~	925~~926~~	913~~996~~	2777~~2810~~	HIGH~~HIGH~~	171~~171~~
PS56~~PS85~~	15.14~~15.87~~	0.95~~0.98~~	1.01~~0.78~~	851~~938~~	914~~989~~	1009~~882~~	2774~~2809~~	HIGH~~HIGH~~	172~~172~~
YO28~~CU50~~	23.68~~49.52~~	0.94~~1.81~~	0.87~~0.52~~	940~~1184~~	908~~1157~~	926~~466~~	2774~~2807~~	HIGH~~HIGH~~	173~~173~~
PS21~~PL04~~	16.45~~14.64~~	0.88~~0.62~~	1.04~~1.11~~	875~~900~~	876~~786~~	1020~~1118~~	2771~~2804~~	HIGH~~HIGH~~	174~~174~~
YO42~~YO61~~	22.84~~16.15~~	0.89~~0.61~~	0.94~~1.01~~	932~~947~~	878~~775~~	959~~1078~~	2769~~2800~~	HIGH~~HIGH~~	175~~175~~
CU17~~RL02~~	32.83~~12.86~~	1.22~~0.67~~	0.68~~1.20~~	1037~~813~~	1022~~834~~	705~~1152~~	2764~~2799~~	HIGH~~HIGH~~	176~~176~~
YO29~~TP08~~	30.09~~12.64~~	1.06~~0.61~~	0.73~~1.93~~	1012~~804~~	965~~769~~	785~~1223~~	2762~~2796~~	HIGH~~HIGH~~	177~~177~~
RA36~~RL14~~	18.28~~15.20~~	0.69~~0.69~~	1.23~~0.92~~	892~~922~~	768~~849~~	1101~~1020~~	2761~~2791~~	HIGH~~HIGH~~	178~~178~~
RA29~~CU42~~	15.91~~28.16~~	0.75~~1.07~~	1.17~~0.66~~	867~~1050~~	811~~1012~~	1078~~727~~	2756~~2789~~	HIGH~~HIGH~~	179~~179~~
CU49~~CL02~~	39.35~~39.83~~	1.50~~2.35~~	0.58~~0.52~~	1090~~1138~~	1087~~1200~~	577~~448~~	2754~~2786~~	HIGH~~HIGH~~	180~~180~~
RU79~~PS24~~	14.21~~14.39~~	0.79~~0.89~~	1.22~~0.83~~	823~~885~~	835~~950~~	1096~~946~~	2754~~2781~~	HIGH~~HIGH~~	181~~181~~
CU20~~CB14~~	18.45~~17.29~~	0.76~~0.72~~	1.06~~0.84~~	894~~963~~	821~~864~~	1037~~951~~	2752~~2778~~	HIGH~~HIGH~~	182~~182~~
JL02~~YO60~~	23.03~~16.43~~	0.92~~0.64~~	0.86~~0.93~~	934~~948~~	900~~803~~	917~~1027~~	2751~~2778~~	HIGH~~HIGH~~	183~~183~~
JU50~~PL65~~	14.09~~20.55~~	0.66~~0.81~~	2.05~~0.76~~	817~~1001~~	742~~919~~	1190~~848~~	2749~~2768~~	HIGH~~HIGH~~	184~~184~~

RL11~~JR21~~	16.72~~12.13~~	0.78~~0.67~~	1.07~~1.24~~	879~~771~~	828~~833~~	1042~~1163~~	2749~~2767~~	HIGH~~HIGH~~	185~~185~~
JU15~~PL34~~	13.37~~21.49~~	0.83~~0.89~~	1.24~~0.72~~	788~~1008~~	852~~949~~	1105~~810~~	2745~~2767~~	HIGH~~HIGH~~	186~~186~~
PS59~~CU62~~	14.45~~42.42~~	0.86~~1.74~~	1.08~~0.52~~	833~~1151~~	865~~1152~~	1044~~461~~	2742~~2764~~	HIGH~~HIGH~~	187~~187~~
PS67~~TC35~~	15.41~~10.53~~	1.04~~0.77~~	0.88~~1.87~~	856~~641~~	956~~901~~	930~~1220~~	2742~~2762~~	HIGH~~HIGH~~	188~~188~~
YO46~~RA62~~	21.87~~35.85~~	0.85~~1.25~~	0.93~~0.58~~	923~~1112~~	862~~1063~~	953~~586~~	2738~~2761~~	HIGH~~HIGH~~	189~~189~~
CL05~~PL70~~	60.34~~37.67~~	3.28~~1.93~~	0.46~~0.52~~	1178~~1128~~	1191~~1175~~	368~~454~~	2737~~2757~~	HIGH~~HIGH~~	190~~190~~
JM72~~CU40~~	14.32~~32.59~~	0.63~~1.24~~	2.18~~0.59~~	830~~1089~~	712~~1059~~	1194~~607~~	2736~~2755~~	HIGH~~HIGH~~	191~~191~~
JU24~~CB17~~	13.80~~37.79~~	0.67~~1.37~~	1.89~~0.55~~	803~~1129~~	750~~1096~~	1182~~518~~	2735~~2743~~	HIGH~~HIGH~~	192~~192~~
YO20~~JA40~~	14.60~~27.51~~	0.70~~1.04~~	1.31~~0.63~~	838~~1046~~	770~~1002~~	1126~~679~~	2734~~2727~~	HIGH~~HIGH~~	193~~193~~
RU93~~JL48~~	14.04~~51.53~~	0.66~~2.25~~	1.80~~0.47~~	811~~1191~~	743~~1196~~	1179~~340~~	2733~~2727~~	HIGH~~HIGH~~	194~~194~~
RU90~~RD54~~	13.49~~13.99~~	0.66~~0.83~~	2.19~~0.82~~	791~~870~~	746~~929~~	1195~~926~~	2732~~2725~~	HIGH~~HIGH~~	195~~195~~
CU33~~CU54~~	34.35~~20.09~~	1.30~~0.78~~	0.61~~0.73~~	1053~~996~~	1043~~906~~	635~~817~~	2731~~2719~~	HIGH~~HIGH~~	196~~196~~
PS20~~CM22~~	13.56~~21.65~~	0.72~~0.87~~	1.40~~0.68~~	796~~1010~~	792~~942~~	1140~~765~~	2728~~2717~~	HIGH~~HIGH~~	197~~197~~
PS55~~JL08~~	12.77~~13.14~~	0.84~~0.60~~	1.23~~1.13~~	767~~831~~	859~~751~~	1100~~1130~~	2726~~2712~~	HIGH~~HIGH~~	198~~198~~
PS57~~PL33~~	14.90~~20.28~~	0.89~~0.84~~	0.99~~0.70~~	845~~997~~	884~~931~~	995~~782~~	2724~~2710~~	HIGH~~HIGH~~	199~~199~~
RA21~~CU49~~	22.12~~36.61~~	1.01~~1.41~~	0.82~~0.53~~	925~~1123~~	938~~1108~~	861~~478~~	2724~~2709~~	HIGH~~HIGH~~	200~~200~~

RL12~~RU75~~	15.02~~14.64~~	0.73~~0.67~~	1.16~~0.85~~	848~~898~~	801~~838~~	1075~~969~~	2724~~2705~~	HIGH~~HIGH~~	201~~201~~
YO30~~RU36~~	21.58~~12.48~~	0.85~~0.79~~	0.91~~0.90~~	919~~795~~	861~~910~~	943~~999~~	2723~~2704~~	HIGH~~HIGH~~	202~~202~~
CM17~~RA17~~	17.66~~26.41~~	0.86~~1.31~~	0.95~~0.58~~	888~~1039~~	867~~1080~~	967~~581~~	2722~~2700~~	HIGH~~HIGH~~	203~~203~~
RA65~~CM28~~	29.76~~41.08~~	1.06~~1.72~~	0.70~~0.50~~	1008~~1145~~	962~~1150~~	751~~402~~	2721~~2697~~	HIGH~~HIGH~~	204~~204~~
RL14~~TP09~~	16.05~~11.42~~	0.74~~0.63~~	1.09~~1.38~~	868~~716~~	804~~798~~	1049~~1182~~	2721~~2696~~	HIGH~~HIGH~~	205~~205~~
JL19~~PL31~~	28.71~~14.46~~	1.05~~0.81~~	0.70~~0.78~~	999~~889~~	958~~921~~	750~~885~~	2707~~2695~~	HIGH~~HIGH~~	206~~206~~
PL70~~YO55~~	34.31~~15.46~~	1.76~~0.58~~	0.54~~0.95~~	1052~~930~~	1126~~716~~	529~~1044~~	2707~~2690~~	HIGH~~HIGH~~	207~~207~~
JM45~~TP07~~	13.83~~12.07~~	0.70~~0.59~~	1.30~~1.38~~	805~~768~~	773~~731~~	1125~~1183~~	2703~~2682~~	HIGH~~HIGH~~	208~~208~~
JL48~~CU35~~	52.23~~25.39~~	2.19~~1.01~~	0.46~~0.61~~	1161~~1032~~	1167~~997~~	365~~645~~	2693~~2674~~	HIGH~~HIGH~~	209~~209~~
PL33~~YO37~~	22.48~~14.49~~	0.92~~0.53~~	0.82~~1.23~~	929~~891~~	901~~623~~	863~~1160~~	2693~~2674~~	HIGH~~HIGH~~	210~~210~~
CM28~~AS05~~	42.19~~61.56~~	1.76~~2.56~~	0.50~~0.42~~	1113~~1207~~	1125~~1204~~	453~~260~~	2691~~2671~~	HIGH~~HIGH~~	211~~211~~
CU12~~JR16~~	19.67~~11.46~~	0.98~~0.65~~	0.82~~1.13~~	902~~721~~	922~~815~~	866~~1132~~	2690~~2668~~	HIGH~~HIGH~~	212~~212~~
CU23~~RD73~~	18.81~~12.18~~	0.75~~0.67~~	0.98~~0.96~~	896~~775~~	816~~837~~	978~~1054~~	2690~~2666~~	HIGH~~HIGH~~	213~~213~~
CB09~~YO31~~	27.04~~38.97~~	1.00~~1.59~~	0.72~~0.49~~	974~~1134~~	935~~1131~~	780~~399~~	2689~~2664~~	HIGH~~HIGH~~	214~~214~~
PL65~~JL26~~	24.06~~13.26~~	0.90~~0.53~~	0.81~~1.55~~	945~~837~~	886~~614~~	858~~1203~~	2689~~2654~~	HIGH~~HIGH~~	215~~215~~
RU87~~YO58~~	13.84~~14.40~~	0.76~~0.57~~	1.10~~1.00~~	806~~886~~	822~~699~~	1056~~1069~~	2684~~2654~~	HIGH~~HIGH~~	216~~216~~

JM44~~JA26~~	16.53~~13.11~~	0.90~~0.64~~	0.86~~0.91~~	877~~829~~	888~~810~~	916~~1011~~	2681~~2650~~	HIGH~~HIGH~~	217~~217~~
CM21~~RA61~~	51.14~~29.56~~	1.92~~1.05~~	0.46~~0.58~~	1155~~1065~~	1143~~1006~~	380~~579~~	2678~~2650~~	HIGH~~HIGH~~	218~~218~~
CU63~~JM72~~	39.06~~12.79~~	1.63~~0.54~~	0.51~~1.51~~	1088~~809~~	1103~~638~~	485~~1200~~	2676~~2647~~	HIGH~~HIGH~~	219~~219~~
CU69~~JL44~~	39.78~~47.72~~	2.07~~2.01~~	0.49~~0.43~~	1092~~1176~~	1157~~1182~~	425~~288~~	2674~~2646~~	HIGH~~HIGH~~	220~~220~~
RA48~~PL63~~	24.87~~19.19~~	0.95~~0.83~~	0.74~~0.66~~	955~~987~~	915~~928~~	798~~731~~	2668~~2646~~	HIGH~~HIGH~~	221~~221~~
JL56~~PU01~~	60.41~~14.92~~	3.25~~1.40~~	0.41~~0.61~~	1179~~911~~	1190~~1102~~	294~~633~~	2663~~2646~~	HIGH~~HIGH~~	222~~222~~
RA20~~JU24~~	19.63~~11.49~~	0.71~~0.61~~	0.98~~1.23~~	900~~724~~	783~~760~~	980~~1161~~	2663~~2645~~	HIGH~~HIGH~~	223~~223~~
YO64~~PS06~~	26.56~~11.95~~	0.96~~0.72~~	0.72~~0.91~~	970~~762~~	916~~871~~	777~~1009~~	2663~~2642~~	HIGH~~HIGH~~	224~~224~~
CU62~~CB11~~	41.83~~27.25~~	1.64~~0.98~~	0.50~~0.59~~	1107~~1043~~	1104~~988~~	451~~610~~	2662~~2641~~	HIGH~~HIGH~~	225~~225~~
JA20~~CU25~~	14.05~~15.17~~	0.64~~0.60~~	1.26~~0.85~~	814~~919~~	730~~753~~	1113~~966~~	2657~~2638~~	HIGH~~HIGH~~	226~~226~~
PL55~~TP19~~	17.20~~12.30~~	0.68~~0.54~~	1.01~~2.83~~	883~~780~~	762~~633~~	1010~~1225~~	2655~~2638~~	HIGH~~HIGH~~	227~~227~~
JL44~~PL53~~	50.00~~13.68~~	2.03~~0.55~~	0.45~~1.07~~	1152~~860~~	1151~~673~~	351~~1101~~	2654~~2634~~	HIGH~~HIGH~~	228~~228~~
CU09~~RL13~~	14.05~~15.57~~	0.72~~0.72~~	1.08~~0.75~~	812~~932~~	794~~867~~	1047~~834~~	2653~~2633~~	HIGH~~HIGH~~	229~~229~~
YO27~~AO13~~	27.46~~74.24~~	0.99~~2.83~~	0.70~~0.39~~	982~~1216~~	930~~1212~~	740~~204~~	2652~~2632~~	HIGH~~HIGH~~	230~~230~~
CU29~~PL15~~	34.00~~13.37~~	1.31~~0.65~~	0.56~~0.86~~	1050~~843~~	1044~~816~~	556~~971~~	2650~~2630~~	HIGH~~HIGH~~	231~~231~~
JU20~~YO12~~	12.12~~13.60~~	0.77~~0.78~~	1.19~~0.77~~	738~~857~~	824~~905~~	1086~~868~~	2648~~2630~~	HIGH~~HIGH~~	232~~232~~

CU14~~CB07~~	18.21~~15.22~~	0.87~~0.59~~	0.83~~0.86~~	891~~924~~	872~~732~~	884~~973~~	2647~~2629~~	HIGH~~HIGH~~	233~~233~~
CL02~~JA21~~	38.39~~12.99~~	2.07~~0.64~~	0.47~~0.89~~	1083~~824~~	1156~~808~~	395~~993~~	2634~~2625~~	HIGH~~HIGH~~	234~~234~~
JM33~~CB02~~	11.62~~24.89~~	0.94~~0.90~~	1.03~~0.61~~	708~~1029~~	907~~953~~	1019~~639~~	2634~~2621~~	HIGH~~HIGH~~	235~~235~~
RL02~~CU28~~	13.32~~15.78~~	0.63~~0.60~~	1.41~~0.82~~	786~~935~~	703~~756~~	1144~~930~~	2633~~2621~~	HIGH~~HIGH~~	236~~236~~
CB11~~PS34~~	27.75~~16.80~~	0.99~~1.09~~	0.68~~0.61~~	986~~958~~	931~~1015~~	715~~644~~	2632~~2617~~	HIGH~~HIGH~~	237~~237~~
YO10~~YO59~~	16.07~~13.31~~	0.73~~0.52~~	0.93~~1.33~~	869~~839~~	803~~596~~	957~~1178~~	2629~~2613~~	HIGH~~HIGH~~	238~~238~~
AS12~~AS12~~	93.10~~100.89~~	3.87~~4.22~~	0.37~~0.36~~	1201~~1226~~	1199~~1224~~	228~~162~~	2628~~2612~~	HIGH~~HIGH~~	239~~239~~
YO22~~JM83~~	14.18~~14.35~~	0.64~~0.59~~	1.18~~0.90~~	821~~884~~	726~~730~~	1081~~998~~	2628~~2612~~	HIGH~~HIGH~~	240~~240~~
JU62~~RA07~~	11.37~~13.73~~	0.90~~0.75~~	1.07~~0.77~~	695~~863~~	892~~889~~	1039~~859~~	2626~~2611~~	HIGH~~HIGH~~	241~~241~~
RA46~~CU63~~	20.78~~36.59~~	0.81~~1.60~~	0.82~~0.47~~	911~~1122~~	843~~1134~~	872~~353~~	2626~~2609~~	HIGH~~HIGH~~	242~~242~~
RA52~~PS04~~	23.93~~12.34~~	0.90~~0.78~~	0.74~~0.81~~	942~~787~~	887~~903~~	797~~919~~	2626~~2609~~	HIGH~~HIGH~~	243~~243~~
YO11~~YO13~~	17.17~~11.19~~	0.80~~0.68~~	0.84~~0.99~~	882~~701~~	837~~845~~	896~~1063~~	2615~~2609~~	HIGH~~HIGH~~	244~~244~~
AS05~~CM23~~	59.16~~17.92~~	2.39~~0.70~~	0.39~~0.69~~	1176~~973~~	1176~~854~~	260~~780~~	2612~~2607~~	HIGH~~HIGH~~	245~~245~~
RA47~~PS39~~	18.63~~12.33~~	0.71~~1.06~~	0.89~~0.73~~	895~~783~~	781~~1010~~	936~~811~~	2612~~2604~~	HIGH~~MED~~	246~~246~~
CU66~~RA41~~	37.68~~15.17~~	1.86~~0.85~~	0.47~~0.67~~	1078~~920~~	1139~~934~~	394~~749~~	2611~~2603~~	HIGH~~MED~~	247~~247~~
PS54~~RA65~~	16.40~~27.20~~	1.32~~0.98~~	0.66~~0.58~~	873~~1042~~	1048~~987~~	690~~574~~	2611~~2603~~	HIGH~~MED~~	248~~248~~

JM76~~CM21~~	14.60~~46.01~~	0.71~~1.73~~	0.98~~0.43~~	837~~1168~~	788~~1151~~	983~~283~~	2608~~2602~~	HIGH~~MED~~	249~~249~~
PS63~~JU63~~	12.58~~12.07~~	1.02~~0.83~~	0.85~~0.80~~	759~~767~~	947~~930~~	900~~905~~	2606~~2602~~	MED~~MED~~	250~~250~~
PU06~~JA27~~	11.21~~12.50~~	0.99~~0.61~~	0.99~~0.94~~	686~~796~~	928~~765~~	990~~1039~~	2604~~2600~~	MED~~MED~~	251~~251~~
YO68~~JL58~~	31.31~~38.16~~	1.12~~1.24~~	0.58~~0.50~~	1025~~1130~~	989~~1060~~	589~~410~~	2603~~2600~~	MED~~MED~~	252~~252~~
RA62~~RU90~~	32.00~~11.64~~	1.12~~0.55~~	0.58~~1.44~~	1031~~735~~	987~~675~~	584~~1189~~	2602~~2599~~	MED~~MED~~	253~~253~~
YO06~~JA17~~	13.81~~11.91~~	0.69~~0.64~~	1.06~~0.93~~	804~~760~~	765~~799~~	1032~~1030~~	2601~~2589~~	MED~~MED~~	254~~254~~
JM49~~CU15~~	12.66~~14.40~~	0.64~~0.63~~	1.26~~0.80~~	764~~887~~	721~~796~~	1114~~904~~	2599~~2587~~	MED~~MED~~	255~~255~~
RA27~~CU33~~	13.63~~30.54~~	0.65~~1.17~~	1.12~~0.53~~	799~~1073~~	735~~1042~~	1063~~469~~	2597~~2584~~	MED~~MED~~	256~~256~~
JA42~~CB12~~	20.12~~39.99~~	0.88~~1.43~~	0.75~~0.46~~	904~~1139~~	877~~1112~~	814~~330~~	2595~~2581~~	MED~~MED~~	257~~257~~
YO49~~JR22~~	18.94~~11.69~~	0.75~~0.61~~	0.84~~1.00~~	898~~739~~	812~~772~~	885~~1067~~	2595~~2578~~	MED~~MED~~	258~~258~~
CU32~~YO05~~	45.19~~12.44~~	1.64~~0.65~~	0.45~~0.85~~	1128~~793~~	1105~~814~~	354~~970~~	2587~~2577~~	MED~~MED~~	259~~259~~
JL17~~PS07~~	25.18~~12.55~~	0.99~~0.80~~	0.67~~0.76~~	959~~800~~	929~~914~~	699~~858~~	2587~~2572~~	MED~~MED~~	260~~260~~
JA19~~CB25~~	14.16~~48.00~~	0.71~~1.88~~	0.97~~0.40~~	819~~1177~~	790~~1170~~	974~~224~~	2583~~2571~~	MED~~MED~~	261~~261~~
RA61~~PS13~~	28.26~~9.89~~	1.01~~0.68~~	0.62~~1.19~~	995~~583~~	937~~841~~	648~~1146~~	2580~~2570~~	MED~~MED~~	262~~262~~
YO47~~RA46~~	28.16~~18.69~~	1.05~~0.73~~	0.61~~0.65~~	993~~984~~	960~~879~~	626~~707~~	2579~~2570~~	MED~~MED~~	263~~263~~
TC34~~YO52~~	10.63~~13.91~~	0.71~~0.54~~	1.55~~0.99~~	634~~867~~	786~~643~~	1157~~1060~~	2577~~2570~~	MED~~MED~~	264~~264~~

AO25~~RA28~~	28.48~~11.17~~	1.08~~0.61~~	0.60~~1.07~~	997~~698~~	969~~764~~	608~~1107~~	2574~~2569~~	MED~~MED~~	265~~265~~
RU92~~JL50~~	13.13~~51.57~~	0.60~~2.08~~	1.33~~0.37~~	782~~1192~~	662~~1186~~	1130~~186~~	2574~~2564~~	MED~~MED~~	266~~266~~
RL18~~JM78~~	12.49~~12.58~~	0.60~~0.55~~	1.50~~1.07~~	757~~802~~	664~~656~~	1151~~1102~~	2572~~2560~~	MED~~MED~~	267~~267~~
CB06~~AO21~~	31.88~~52.45~~	1.15~~1.98~~	0.56~~0.37~~	1029~~1198~~	996~~1179~~	545~~182~~	2570~~2559~~	MED~~MED~~	268~~268~~
JA09~~AS02~~	13.33~~52.12~~	0.68~~2.17~~	1.04~~0.36~~	787~~1197~~	759~~1193~~	1023~~166~~	2569~~2556~~	MED~~MED~~	269~~269~~
RL08~~CU68~~	14.62~~32.15~~	0.62~~1.51~~	1.06~~0.47~~	839~~1083~~	695~~1126~~	1035~~342~~	2569~~2551~~	MED~~MED~~	270~~270~~
JM15~~PS82~~	12.12~~11.33~~	0.61~~0.74~~	1.58~~0.85~~	739~~712~~	670~~882~~	1159~~957~~	2568~~2551~~	MED~~MED~~	271~~271~~
RL13~~TP16~~	15.80~~10.50~~	0.74~~0.66~~	0.84~~1.04~~	863~~640~~	809~~822~~	895~~1089~~	2567~~2551~~	MED~~MED~~	272~~272~~
PS34~~PS08~~	15.91~~12.91~~	0.98~~0.76~~	0.72~~0.75~~	866~~816~~	921~~897~~	778~~835~~	2565~~2548~~	MED~~MED~~	273~~273~~
RA18~~YO63~~	22.01~~14.85~~	0.92~~0.55~~	0.69~~0.89~~	924~~905~~	902~~654~~	732~~988~~	2558~~2547~~	MED~~MED~~	274~~274~~
PS32~~JU59~~	12.45~~9.43~~	0.83~~0.65~~	0.92~~1.47~~	754~~533~~	854~~820~~	948~~1193~~	2556~~2546~~	MED~~MED~~	275~~275~~
PS53~~CM31~~	16.20~~33.65~~	1.25~~1.35~~	0.63~~0.47~~	871~~1096~~	1027~~1093~~	655~~356~~	2553~~2545~~	MED~~MED~~	276~~276~~
RA06~~JU22~~	14.28~~9.74~~	0.73~~0.61~~	0.87~~1.58~~	828~~567~~	800~~771~~	925~~1207~~	2553~~2545~~	MED~~MED~~	277~~277~~
PL36~~PL24~~	17.54~~14.09~~	0.82~~0.60~~	0.76~~0.81~~	886~~877~~	845~~745~~	821~~923~~	2552~~2545~~	MED~~MED~~	278~~278~~
JA37~~RA63~~	15.36~~28.47~~	0.68~~1.00~~	0.88~~0.54~~	853~~1053~~	764~~992~~	934~~500~~	2551~~2545~~	MED~~MED~~	279~~279~~
PU09~~JM35~~	12.64~~11.72~~	0.68~~0.63~~	1.06~~0.91~~	762~~741~~	757~~790~~	1031~~1008~~	2550~~2539~~	MED~~MED~~	280~~280~~

CB25~~CB08~~	57.43~~16.75~~	2.16~~0.63~~	0.36~~0.70~~	1174~~957~~	1165~~791~~	210~~787~~	2549~~2535~~	MED~~MED~~	281~~281~~
CM31~~PL48~~	34.74~~14.86~~	1.38~~0.58~~	0.49~~0.80~~	1058~~907~~	1063~~715~~	427~~912~~	2548~~2534~~	MED~~MED~~	282~~282~~
JM81~~JA19~~	13.17~~12.08~~	0.65~~0.65~~	1.05~~0.83~~	785~~769~~	734~~819~~	1028~~941~~	2547~~2529~~	MED~~MED~~	283~~283~~
YO26~~CU32~~	24.13~~41.47~~	0.91~~1.53~~	0.67~~0.41~~	946~~1146~~	896~~1127~~	697~~254~~	2539~~2527~~	MED~~MED~~	284~~284~~
AO13~~PU09~~	71.81~~12.05~~	2.61~~0.76~~	0.33~~0.77~~	1189~~766~~	1180~~890~~	165~~871~~	2534~~2527~~	MED~~MED~~	285~~285~~
AS02~~JA25~~	53.35~~12.81~~	2.14~~0.64~~	0.36~~0.81~~	1166~~810~~	1163~~800~~	205~~916~~	2534~~2526~~	MED~~MED~~	286~~286~~
JU27~~CB13~~	11.97~~14.56~~	0.89~~0.58~~	0.87~~0.81~~	727~~893~~	885~~710~~	921~~922~~	2533~~2525~~	MED~~MED~~	287~~287~~
PU17~~CB04~~	13.63~~34.37~~	0.58~~1.20~~	1.24~~0.48~~	800~~1104~~	627~~1051~~	1106~~367~~	2533~~2522~~	MED~~MED~~	288~~288~~
YO23~~JU61~~	15.41~~14.00~~	0.64~~0.96~~	0.92~~0.63~~	855~~871~~	729~~977~~	947~~674~~	2531~~2522~~	MED~~MED~~	289~~289~~
PL37~~AS04~~	19.67~~68.40~~	0.93~~2.85~~	0.68~~0.32~~	901~~1210~~	906~~1213~~	723~~98~~	2530~~2521~~	MED~~MED~~	290~~290~~
PL60~~CU17~~	14.16~~25.84~~	0.57~~0.97~~	1.19~~0.54~~	818~~1035~~	625~~981~~	1085~~505~~	2528~~2521~~	MED~~MED~~	291~~291~~
CL04~~JA09~~	52.10~~11.83~~	2.06~~0.61~~	0.36~~0.89~~	1160~~750~~	1155~~776~~	212~~995~~	2527~~2521~~	MED~~MED~~	292~~292~~
PL15~~PS40~~	14.25~~12.98~~	0.72~~0.96~~	0.86~~0.66~~	827~~821~~	791~~976~~	908~~722~~	2526~~2519~~	MED~~MED~~	293~~293~~
JM84~~JM75~~	17.01~~11.47~~	0.74~~0.52~~	0.78~~1.53~~	881~~722~~	806~~589~~	837~~1202~~	2524~~2513~~	MED~~MED~~	294~~294~~
RD54~~RA42~~	15.01~~14.60~~	0.75~~0.69~~	0.81~~0.69~~	847~~895~~	819~~850~~	857~~768~~	2523~~2513~~	MED~~MED~~	295~~295~~
TP09~~CM03~~	12.08~~14.08~~	0.58~~0.71~~	1.50~~0.69~~	736~~875~~	634~~858~~	1150~~777~~	2520~~2510~~	MED~~MED~~	296~~296~~

JA21~~JL45~~	13.94~~43.94~~	0.64~~1.84~~	0.99~~0.37~~	808~~1160~~	717~~1165~~	994~~183~~	2519~~2508~~	MED~~MED~~	297~~297~~
JA38~~JL21~~	14.80~~17.85~~	0.64~~0.77~~	0.92~~0.61~~	844~~972~~	728~~899~~	946~~636~~	2518~~2507~~	MED~~MED~~	298~~298~~
PL39~~TC34~~	20.98~~9.46~~	0.93~~0.63~~	0.67~~1.29~~	912~~538~~	904~~797~~	702~~1170~~	2518~~2505~~	MED~~MED~~	299~~299~~
AS13~~JL51~~	84.83~~85.08~~	3.24~~3.53~~	0.31~~0.28~~	1196~~1217~~	1189~~1215~~	130~~68~~	2515~~2500~~	MED~~MED~~	300~~300~~
PS61~~CL04~~	12.98~~49.57~~	0.86~~1.99~~	0.82~~0.34~~	778~~1185~~	866~~1180~~	871~~134~~	2515~~2499~~	MED~~MED~~	301~~301~~
PS85~~AS13~~	14.72~~51.62~~	0.81~~2.05~~	0.77~~0.33~~	842~~1194~~	840~~1184~~	830~~111~~	2512~~2489~~	MED~~MED~~	302~~302~~
TP07~~CL01~~	12.43~~43.03~~	0.63~~2.54~~	1.09~~0.34~~	753~~1158~~	709~~1203~~	1050~~125~~	2512~~2486~~	MED~~MED~~	303~~303~~
PS51~~AS09~~	17.40~~95.03~~	1.44~~3.96~~	0.56~~0.25~~	885~~1222~~	1077~~1220~~	549~~40~~	2511~~2482~~	MED~~MED~~	304~~304~~
CB02~~AS08~~	24.41~~115.71~~	0.87~~4.82~~	0.66~~0.22~~	949~~1227~~	869~~1226~~	687~~28~~	2505~~2481~~	MED~~MED~~	305~~305~~
PS09~~AS15~~	13.98~~89.25~~	0.84~~3.84~~	0.78~~0.25~~	809~~1219~~	857~~1219~~	838~~43~~	2504~~2481~~	MED~~MED~~	306~~306~~
CU21~~JU08~~	13.60~~14.60~~	0.64~~0.92~~	0.98~~0.60~~	797~~896~~	724~~961~~	982~~624~~	2503~~2481~~	MED~~MED~~	307~~307~~
JA44~~PS69~~	24.80~~10.79~~	1.00~~0.73~~	0.60~~0.83~~	954~~665~~	934~~874~~	612~~940~~	2500~~2479~~	MED~~MED~~	308~~308~~
AS04~~TP17~~	66.43~~9.49~~	2.70~~0.59~~	0.31~~1.62~~	1185~~541~~	1182~~729~~	131~~1209~~	2498~~2479~~	MED~~MED~~	309~~309~~
CU68~~JM45~~	32.23~~10.98~~	1.44~~0.59~~	0.47~~0.96~~	1033~~684~~	1075~~740~~	390~~1053~~	2498~~2477~~	MED~~MED~~	310~~310~~
JM78~~YO53~~	12.01~~12.33~~	0.59~~0.49~~	1.29~~1.22~~	732~~785~~	648~~532~~	1118~~1158~~	2498~~2475~~	MED~~MED~~	311~~311~~
PS10~~YO50~~	12.34~~14.07~~	0.74~~0.55~~	0.91~~0.82~~	748~~874~~	807~~667~~	942~~933~~	2497~~2474~~	MED~~MED~~	312~~312~~

CB05~~JL52~~	32.14~~93.89~~	1.11~~5.93~~	0.51~~0.21~~	1032~~1221~~	986~~1227~~	476~~25~~	2494~~2473~~	MED~~MED~~	313~~313~~
JU37~~AS10~~	10.68~~86.87~~	0.64~~3.56~~	1.36~~0.23~~	638~~1218~~	719~~1217~~	1137~~35~~	2494~~2470~~	MED~~MED~~	314~~314~~
JL51~~CU45~~	69.09~~24.90~~	2.86~~1.44~~	0.30~~0.46~~	1188~~1030~~	1184~~1114~~	118~~326~~	2490~~2470~~	MED~~MED~~	315~~315~~
CM03~~AO08~~	14.77~~40.45~~	0.73~~1.47~~	0.78~~0.39~~	843~~1141~~	802~~1116~~	842~~212~~	2487~~2469~~	MED~~MED~~	316~~316~~
JR21~~PL60~~	11.08~~12.30~~	0.67~~0.53~~	1.13~~1.02~~	669~~778~~	748~~608~~	1066~~1082~~	2483~~2468~~	MED~~MED~~	317~~317~~
AS16~~CU64~~	43.99~~28.48~~	2.47~~1.27~~	0.34~~0.47~~	1121~~1054~~	1178~~1067~~	183~~345~~	2482~~2466~~	MED~~MED~~	318~~318~~
JL45~~AS07~~	45.09~~100.01~~	1.83~~4.21~~	0.37~~0.19~~	1127~~1225~~	1135~~1223~~	216~~15~~	2478~~2463~~	MED~~MED~~	319~~319~~
RU91~~TP06~~	11.87~~10.74~~	0.68~~0.68~~	1.00~~0.84~~	723~~659~~	753~~847~~	1000~~955~~	2476~~2461~~	MED~~MED~~	320~~320~~
CM27~~YO34~~	40.17~~21.40~~	1.69~~0.92~~	0.39~~0.54~~	1095~~1006~~	1116~~957~~	259~~497~~	2470~~2460~~	MED~~MED~~	321~~321~~
TP17~~CM27~~	11.34~~38.45~~	0.55~~1.63~~	1.77~~0.38~~	693~~1132~~	601~~1139~~	1176~~187~~	2470~~2458~~	MED~~MED~~	322~~322~~
AS14~~JL54~~	80.33~~51.66~~	3.06~~2.59~~	0.28~~0.27~~	1192~~1195~~	1186~~1206~~	91~~57~~	2469~~2458~~	MED~~MED~~	323~~323~~
PS35~~JL53~~	14.21~~69.11~~	0.95~~4.23~~	0.69~~0.19~~	824~~1211~~	913~~1225~~	726~~20~~	2463~~2456~~	MED~~MED~~	324~~324~~
AS09~~TP13~~	88.18~~14.83~~	3.67~~0.59~~	0.26~~0.73~~	1197~~904~~	1197~~734~~	65~~818~~	2459~~2456~~	MED~~MED~~	325~~325~~
JM41~~AS01~~	11.44~~98.39~~	1.01~~4.05~~	0.76~~0.14~~	701~~1223~~	941~~1221~~	817~~10~~	2459~~2454~~	MED~~MED~~	326~~326~~
YO25~~CU14~~	15.12~~15.16~~	0.65~~0.71~~	0.82~~0.63~~	849~~918~~	736~~862~~	869~~673~~	2454~~2453~~	MED~~MED~~	327~~327~~
AS15~~AO02~~	81.45~~32.31~~	3.49~~1.28~~	0.25~~0.43~~	1195~~1086~~	1194~~1070~~	63~~294~~	2452~~2450~~	MED~~MED~~	328~~328~~

JM74~~NE84~~	12.65~~13.34~~	0.52~~0.57~~	1.33~~0.80~~	763~~840~~	560~~701~~	1129~~909~~	2452~~2450~~	MED~~MED~~	329~~329~~
RD70~~AO18~~	12.06~~47.06~~	0.55~~1.75~~	1.33~~0.33~~	734~~1174~~	589~~1155~~	1128~~120~~	2451~~2449~~	MED~~MED~~	330~~330~~
CB18~~CB41~~	61.29~~53.40~~	2.10~~1.98~~	0.29~~0.28~~	1181~~1201~~	1160~~1178~~	109~~69~~	2450~~2448~~	MED~~MED~~	331~~331~~
TP06~~JA42~~	11.50~~17.11~~	0.75~~0.68~~	0.88~~0.61~~	703~~962~~	820~~843~~	927~~643~~	2450~~2448~~	MED~~MED~~	332~~332~~
RL20~~AO11~~	11.67~~57.73~~	0.61~~2.15~~	1.12~~0.25~~	714~~1203~~	673~~1192~~	1062~~45~~	2449~~2440~~	MED~~MED~~	333~~333~~
YO31~~JM34~~	34.03~~9.65~~	1.22~~0.56~~	0.46~~1.47~~	1051~~558~~	1021~~683~~	376~~1194~~	2448~~2435~~	MED~~MED~~	334~~334~~
JL54~~PU05~~	66.48~~15.97~~	3.04~~0.78~~	0.26~~0.58~~	1186~~942~~	1185~~908~~	71~~584~~	2442~~2434~~	MED~~MED~~	335~~335~~
AS08~~AS14~~	102.78~~49.37~~	4.28~~1.97~~	0.22~~0.28~~	1202~~1181~~	1201~~1177~~	35~~75~~	2438~~2433~~	MED~~MED~~	336~~336~~
CU46~~CB28~~	34.47~~61.60~~	1.32~~2.28~~	0.44~~0.22~~	1056~~1208~~	1051~~1197~~	331~~27~~	2438~~2432~~	MED~~MED~~	337~~337~~
RA30~~CB30~~	13.63~~69.36~~	0.53~~2.58~~	1.14~~0.16~~	798~~1212~~	570~~1205~~	1068~~13~~	2436~~2430~~	MED~~MED~~	338~~338~~
TP16~~RU79~~	11.81~~12.43~~	0.57~~0.60~~	1.20~~0.78~~	721~~791~~	624~~759~~	1091~~880~~	2436~~2430~~	MED~~MED~~	339~~339~~
YO65~~JU27~~	25.06~~12.33~~	0.87~~0.96~~	0.60~~0.62~~	957~~784~~	873~~979~~	606~~666~~	2436~~2429~~	MED~~MED~~	340~~340~~
YO13~~CB34~~	10.94~~72.30~~	0.72~~2.68~~	0.98~~0.09~~	654~~1215~~	798~~1209~~	981~~4~~	2433~~2428~~	MED~~MED~~	341~~341~~
JL52~~AO03~~	72.47~~72.01~~	4.60~~2.67~~	0.22~~0.12~~	1191~~1214~~	1202~~1208~~	36~~5~~	2429~~2427~~	MED~~MED~~	342~~342~~
AS10~~AO09~~	80.47~~44.38~~	3.24~~1.60~~	0.24~~0.34~~	1194~~1162~~	1188~~1133~~	46~~132~~	2428~~2427~~	MED~~MED~~	343~~343~~
AS18~~CB31~~	58.34~~63.16~~	2.61~~2.39~~	0.26~~0.19~~	1175~~1209~~	1181~~1202~~	72~~16~~	2428~~2427~~	MED~~MED~~	344~~344~~

CB04~~RL24~~	31.76~~11.57~~	1.10~~0.54~~	0.49~~0.99~~	1028~~729~~	979~~634~~	421~~1064~~	2428~~2427~~	MED~~MED~~	345~~345~~
PL62~~CB35~~	15.78~~60.63~~	0.61~~2.29~~	0.84~~0.20~~	862~~1206~~	676~~1198~~	890~~21~~	2428~~2425~~	MED~~MED~~	346~~346~~
JM82~~YO17~~	11.20~~12.92~~	0.66~~0.62~~	1.01~~0.74~~	683~~817~~	740~~783~~	1004~~823~~	2427~~2423~~	MED~~MED~~	347~~347~~
AS07~~CB38~~	91.30~~50.15~~	3.84~~1.90~~	0.19~~0.27~~	1200~~1189~~	1198~~1173~~	24~~58~~	2422~~2420~~	MED~~MED~~	348~~348~~
CM15~~RL06~~	12.67~~11.78~~	0.59~~0.51~~	1.03~~1.07~~	765~~746~~	640~~570~~	1017~~1103~~	2422~~2419~~	MED~~MED~~	349~~349~~
JM35~~YO57~~	12.76~~13.11~~	0.59~~0.50~~	1.02~~0.93~~	766~~830~~	643~~557~~	1012~~1031~~	2421~~2418~~	MED~~MED~~	350~~350~~
RU94~~PS27~~	11.42~~10.78~~	0.50~~0.73~~	2.57~~0.78~~	700~~662~~	520~~873~~	1199~~877~~	2419~~2412~~	MED~~MED~~	351~~351~~
RA63~~CB01~~	26.31~~32.46~~	0.93~~1.14~~	0.56~~0.43~~	965~~1087~~	903~~1037~~	548~~286~~	2416~~2410~~	MED~~MED~~	352~~352~~
PS40~~CB36~~	12.00~~55.24~~	0.95~~2.08~~	0.72~~0.20~~	731~~1202~~	910~~1185~~	774~~22~~	2415~~2409~~	MED~~MED~~	353~~353~~
JA17~~AO04~~	11.89~~43.67~~	0.61~~1.65~~	1.01~~0.32~~	725~~1159~~	683~~1141~~	1005~~108~~	2413~~2408~~	MED~~MED~~	354~~354~~
YO66~~JM84~~	22.88~~16.51~~	0.80~~0.68~~	0.62~~0.59~~	933~~953~~	838~~842~~	640~~612~~	2411~~2407~~	MED~~MED~~	355~~355~~
CL01~~YO22~~	42.54~~12.31~~	2.30~~0.53~~	0.31~~0.92~~	1115~~782~~	1172~~609~~	123~~1015~~	2410~~2406~~	MED~~MED~~	356~~356~~
JM34~~CB32~~	10.48~~58.25~~	0.57~~2.22~~	1.75~~0.13~~	615~~1204~~	617~~1195~~	1175~~6~~	2407~~2405~~	MED~~MED~~	357~~357~~
CU67~~CU67~~	33.49~~32.19~~	1.32~~1.28~~	0.43~~0.41~~	1044~~1085~~	1050~~1071~~	312~~248~~	2406~~2404~~	MED~~MED~~	358~~358~~
RA37~~RA51~~	14.19~~22.97~~	0.58~~0.88~~	0.93~~0.51~~	822~~1018~~	633~~946~~	951~~431~~	2406~~2395~~	MED~~MED~~	359~~359~~
CU22~~CB39~~	15.86~~49.69~~	0.65~~1.86~~	0.74~~0.23~~	864~~1187~~	737~~1167~~	800~~34~~	2401~~2388~~	MED~~MED~~	360~~360~~

CU64~~RL03~~	28.71~~11.43~~	1.16~~0.56~~	0.48~~0.88~~	998~~717~~	1003~~690~~	400~~981~~	2401~~2388~~	MED~~MED~~	361~~361~~
JM63~~CB44~~	12.31~~44.89~~	0.85~~1.70~~	0.73~~0.29~~	747~~1163~~	864~~1146~~	789~~78~~	2400~~2387~~	MED~~MED~~	362~~362~~
RA41~~CM32~~	14.08~~33.12~~	0.75~~1.35~~	0.71~~0.38~~	816~~1095~~	815~~1094~~	768~~193~~	2399~~2382~~	MED~~MED~~	363~~363~~
AS01~~JM65~~	80.40~~15.08~~	3.32~~0.85~~	0.15~~0.55~~	1193~~916~~	1192~~936~~	11~~530~~	2396~~2382~~	MED~~MED~~	364~~364~~
PL04~~RD75~~	13.53~~11.86~~	0.55~~0.60~~	1.01~~0.78~~	793~~755~~	597~~741~~	1006~~886~~	2396~~2382~~	MED~~MED~~	365~~365~~
RU85~~AS11~~	13.02~~49.63~~	0.77~~2.02~~	0.73~~0.16~~	779~~1186~~	823~~1183~~	791~~12~~	2393~~2381~~	MED~~MED~~	366~~366~~
JL53~~RL04~~	55.19~~11.14~~	3.38~~0.50~~	0.20~~1.13~~	1170~~692~~	1193~~561~~	29~~1127~~	2392~~2380~~	MED~~MED~~	367~~367~~
YO18~~CB10~~	12.16~~14.31~~	0.63~~0.54~~	0.90~~0.76~~	741~~881~~	707~~641~~	941~~855~~	2389~~2377~~	MED~~MED~~	368~~368~~
RA42~~CB42~~	14.34~~49.12~~	0.68~~1.90~~	0.74~~0.21~~	831~~1180~~	763~~1172~~	794~~23~~	2388~~2375~~	MED~~MED~~	369~~369~~
AS20~~TP14~~	51.86~~11.48~~	2.43~~0.62~~	0.25~~0.77~~	1159~~723~~	1177~~782~~	51~~866~~	2387~~2371~~	MED~~MED~~	370~~370~~
CM32~~AO14~~	34.44~~48.55~~	1.40~~1.85~~	0.40~~0.22~~	1055~~1178~~	1066~~1166~~	264~~26~~	2385~~2370~~	MED~~MED~~	371~~371~~
AS11~~JA44~~	71.84~~22.31~~	2.82~~0.88~~	0.13~~0.50~~	1190~~1014~~	1183~~948~~	7~~406~~	2380~~2368~~	MED~~MED~~	372~~372~~
CB15~~JL56~~	51.32~~42.75~~	1.77~~1.81~~	0.28~~0.26~~	1156~~1156~~	1127~~1158~~	94~~51~~	2377~~2365~~	MED~~MED~~	373~~373~~
PS69~~CB23~~	10.57~~52.06~~	0.72~~1.81~~	0.93~~0.14~~	623~~1196~~	797~~1159~~	956~~8~~	2376~~2363~~	MED~~MED~~	374~~374~~
YO12~~YO51~~	12.81~~12.51~~	0.74~~0.47~~	0.74~~1.00~~	769~~797~~	810~~495~~	796~~1070~~	2375~~2362~~	MED~~MED~~	375~~375~~
CB23~~PS84~~	69.07~~10.98~~	2.37~~0.73~~	0.15~~0.71~~	1187~~685~~	1175~~878~~	12~~794~~	2374~~2357~~	MED~~MED~~	376~~376~~

JA41~~RA69~~	17.96~~28.71~~	0.70~~0.94~~	0.67~~0.46~~	890~~1057~~	779~~966~~	704~~334~~	2373~~2357~~	MED~~MED~~	377~~377~~
RD58~~CU51~~	14.36~~46.19~~	0.65~~1.75~~	0.75~~0.22~~	832~~1169~~	731~~1153~~	809~~29~~	2372~~2351~~	MED~~MED~~	378~~378~~
PL53~~YO42~~	12.92~~12.61~~	0.54~~0.55~~	1.03~~0.78~~	775~~803~~	575~~659~~	1018~~889~~	2368~~2351~~	MED~~MED~~	379~~379~~
RU81~~AS18~~	12.17~~36.50~~	0.70~~1.81~~	0.78~~0.28~~	743~~1120~~	776~~1160~~	843~~70~~	2362~~2350~~	MED~~MED~~	380~~380~~
CU65~~JU38~~	30.23~~10.16~~	1.38~~0.75~~	0.41~~0.76~~	1014~~605~~	1061~~888~~	284~~856~~	2359~~2349~~	MED~~MED~~	381~~381~~
AO03~~CB43~~	64.05~~42.23~~	2.27~~1.61~~	0.10~~0.28~~	1184~~1148~~	1170~~1135~~	4~~65~~	2358~~2348~~	MED~~MED~~	382~~382~~
AS19~~YO45~~	46.19~~11.81~~	2.11~~0.52~~	0.25~~0.91~~	1136~~748~~	1162~~588~~	59~~1012~~	2357~~2348~~	MED~~MED~~	383~~383~~
PS60~~CB33~~	9.84~~47.06~~	0.84~~1.89~~	0.88~~0.09~~	566~~1173~~	855~~1171~~	935~~3~~	2356~~2347~~	MED~~MED~~	384~~384~~
YO39~~RA49~~	13.38~~19.88~~	0.68~~0.80~~	0.75~~0.51~~	789~~991~~	755~~917~~	811~~435~~	2355~~2343~~	MED~~MED~~	385~~385~~
CB34~~PL62~~	63.41~~13.09~~	2.25~~0.61~~	0.08~~0.67~~	1182~~827~~	1168~~761~~	2~~752~~	2352~~2340~~	MED~~MED~~	386~~386~~
JU59~~JA24~~	8.86~~12.01~~	0.61~~0.69~~	1.66~~0.66~~	501~~763~~	678~~851~~	1168~~724~~	2347~~2338~~	MED~~MED~~	387~~387~~
CB30~~JM76~~	59.35~~13.45~~	2.11~~0.57~~	0.14~~0.72~~	1177~~846~~	1161~~691~~	8~~801~~	2346~~2338~~	MED~~MED~~	388~~388~~
CB22~~CU46~~	57.09~~30.58~~	1.97~~1.18~~	0.19~~0.39~~	1173~~1075~~	1148~~1045~~	23~~217~~	2344~~2337~~	MED~~MED~~	389~~389~~
RU74~~JM82~~	11.90~~11.44~~	0.64~~0.60~~	0.84~~0.77~~	726~~720~~	722~~748~~	893~~867~~	2341~~2335~~	MED~~MED~~	390~~390~~
CB19~~PS52~~	56.66~~15.18~~	1.90~~1.42~~	0.20~~0.44~~	1172~~921~~	1142~~1109~~	26~~30~~4	2340~~2334~~	MED~~MED~~	391~~391~~
CB16~~PL59~~	41.84~~14.98~~	1.46~~0.64~~	0.32~~0.59~~	1108~~912~~	1078~~813~~	150~~608~~	2336~~2333~~	MED~~MED~~	392~~392~~

CU51~~CU12~~	49.92~~14.30~~	1.83~~0.69~~	0.24~~0.59~~	1151~~880~~	1136~~848~~	44~~604~~	2331~~2332~~	MED~~MED~~	393~~393~~
RA44~~PS60~~	11.20~~10.35~~	0.62~~0.85~~	0.94~~0.69~~	684~~621~~	687~~937~~	960~~774~~	2331~~2332~~	MED~~MED~~	394~~394~~
AO01~~RA34~~	56.40~~12.09~~	2.00~~0.62~~	0.14~~0.69~~	1171~~770~~	1150~~787~~	9~~775~~	2330~~2332~~	MED~~MED~~	395~~395~~
AS17~~PS51~~	43.09~~17.57~~	2.05~~1.47~~	0.25~~0.41~~	1118~~967~~	1153~~1117~~	57~~244~~	2328~~2328~~	MED~~MED~~	396~~396~~
JM42~~CU65~~	11.20~~28.55~~	0.60~~1.28~~	1.00~~0.38~~	682~~1056~~	649~~1072~~	997~~199~~	2328~~2327~~	MED~~MED~~	397~~397~~
CB31~~YO02~~	53.13~~11.84~~	1.92~~0.67~~	0.16~~0.66~~	1165~~751~~	1145~~839~~	14~~734~~	2324~~2324~~	MED~~MED~~	398~~398~~
TP14~~RD58~~	11.98~~12.13~~	0.67~~0.65~~	0.79~~0.66~~	728~~772~~	747~~818~~	849~~733~~	2324~~2323~~	MED~~MED~~	399~~399~~
YO43~~AS19~~	11.08~~34.20~~	0.55~~1.75~~	1.07~~0.27~~	670~~1102~~	609~~1154~~	1043~~63~~	2322~~2319~~	MED~~MED~~	400~~400~~
CB21~~RA19~~	44.54~~14.13~~	1.61~~0.67~~	0.28~~0.59~~	1124~~878~~	1101~~836~~	96~~601~~	2321~~2315~~	MED~~MED~~	401~~401~~
CM30~~AO10~~	24.59~~42.23~~	1.03~~1.50~~	0.48~~0.25~~	951~~1149~~	953~~1121~~	416~~44~~	2320~~2314~~	MED~~MED~~	402~~402~~
RU36~~TP15~~	11.49~~8.85~~	0.71~~0.56~~	0.78~~1.20~~	702~~485~~	780~~680~~	836~~1149~~	2318~~2314~~	MED~~MED~~	403~~403~~
CB01~~JR20~~	30.28~~10.37~~	1.06~~0.58~~	0.44~~0.85~~	1016~~627~~	963~~719~~	337~~967~~	2316~~2313~~	MED~~MED~~	404~~404~~
TP15~~TC32~~	10.52~~8.87~~	0.52~~0.59~~	1.51~~1.05~~	617~~486~~	545~~733~~	1153~~1094~~	2315~~2313~~	MED~~MED~~	405~~405~~
RA51~~AS16~~	24.00~~26.88~~	0.95~~1.59~~	0.50~~0.35~~	944~~1040~~	912~~1132~~	458~~139~~	2314~~2311~~	MED~~MED~~	406~~406~~
TC32~~CB18~~	9.42~~42.40~~	0.65~~1.58~~	1.07~~0.23~~	542~~1150~~	732~~1130~~	1040~~31~~	2314~~2311~~	MED~~MED~~	407~~407~~
TH45~~RA66~~	8.99~~28.88~~	0.58~~0.96~~	1.72~~0.42~~	505~~1060~~	636~~975~~	1172~~275~~	2313~~2310~~	MED~~MED~~	408~~408~~

RA49~~RA45~~	21.59~~14.33~~	0.85~~0.61~~	0.54~~0.62~~	921~~882~~	863~~773~~	527~~653~~	2311~~2308~~	MED~~MED~~	409~~409~~
CM14~~CB46~~	13.71~~37.58~~	0.70~~1.82~~	0.70~~0.19~~	801~~1127~~	771~~1161~~	738~~18~~	2310~~2306~~	MED~~MED~~	410~~410~~
RA64~~PS75~~	25.70~~12.27~~	0.92~~0.64~~	0.50~~0.65~~	962~~777~~	899~~812~~	447~~715~~	2308~~2304~~	MED~~MED~~	411~~411~~
PS06~~RL18~~	10.91~~10.59~~	0.61~~0.49~~	0.97~~1.12~~	652~~645~~	682~~536~~	971~~1123~~	2305~~2304~~	MED~~MED~~	412~~412~~
AO21~~JU83~~	38.56~~8.28~~	1.40~~0.59~~	0.32~~1.17~~	1085~~435~~	1067~~725~~	151~~1143~~	2303~~2303~~	MED~~MED~~	413~~413~~
CB35~~PS37~~	50.81~~11.57~~	1.81~~0.87~~	0.17~~0.60~~	1153~~730~~	1132~~944~~	17~~627~~	2302~~2301~~	MED~~MED~~	414~~414~~
PS38~~CU70~~	10.39~~34.07~~	0.81~~1.69~~	0.80~~0.26~~	606~~1101~~	844~~1144~~	852~~55~~	2302~~2300~~	MED~~MED~~	415~~415~~
AO11~~PL28~~	48.52~~17.93~~	1.73~~0.71~~	0.22~~0.52~~	1145~~974~~	1121~~861~~	34~~464~~	2300~~2299~~	MED~~MED~~	416~~416~~
YO41~~PL50~~	16.43~~13.34~~	0.63~~0.55~~	0.68~~0.71~~	874~~841~~	715~~660~~	706~~798~~	2295~~2299~~	MED~~MED~~	417~~417~~
CU36~~RA64~~	37.93~~25.56~~	1.44~~0.92~~	0.32~~0.44~~	1080~~1034~~	1076~~959~~	137~~306~~	2293~~2299~~	MED~~MED~~	418~~418~~
RD69~~CM30~~	11.66~~22.64~~	0.59~~0.94~~	0.88~~0.45~~	713~~1017~~	647~~968~~	932~~312~~	2292~~2297~~	MED~~MED~~	419~~419~~
AO18~~JM63~~	40.66~~11.81~~	1.48~~0.73~~	0.29~~0.63~~	1099~~747~~	1085~~872~~	106~~678~~	2290~~2297~~	MED~~MED~~	420~~420~~
PS24~~RL01~~	11.75~~11.38~~	0.69~~0.54~~	0.74~~0.82~~	718~~715~~	769~~651~~	802~~931~~	2289~~2297~~	MED~~MED~~	421~~421~~
CB41~~PS53~~	45.37~~15.85~~	1.61~~1.38~~	0.25~~0.42~~	1130~~937~~	1099~~1099~~	56~~258~~	2285~~2294~~	MED~~MED~~	422~~422~~
CM13~~RL16~~	13.40~~10.61~~	0.63~~0.49~~	0.73~~1.10~~	790~~647~~	702~~533~~	792~~1114~~	2284~~2294~~	MED~~MED~~	423~~423~~
TP13~~PS54~~	14.05~~14.57~~	0.59~~1.12~~	0.76~~0.48~~	815~~894~~	641~~1025~~	825~~372~~	2281~~2291~~	MED~~MED~~	424~~424~~

RL16~~JL38~~	10.68~~35.51~~	0.53~~1.35~~	1.18~~0.30~~	639~~1109~~	561~~1092~~	1080~~86~~	2280~~2287~~	MED~~MED~~	425~~425~~
CB32~~YO33~~	48.99~~11.30~~	1.79~~0.48~~	0.11~~1.00~~	1146~~711~~	1128~~504~~	5~~1071~~	2279~~2286~~	MED~~MED~~	426~~426~~
RA69~~AS20~~	26.39~~32.02~~	0.87~~1.68~~	0.49~~0.27~~	967~~1082~~	871~~1142~~	439~~61~~	2277~~2285~~	MED~~MED~~	427~~427~~
YO34~~CM29~~	24.60~~34.91~~	0.88~~1.43~~	0.50~~0.28~~	952~~1106~~	875~~1111~~	449~~67~~	2276~~2284~~	MED~~MED~~	428~~428~~
JM68~~RA23~~	11.13~~13.57~~	0.70~~0.70~~	0.76~~0.58~~	676~~854~~	772~~857~~	823~~568~~	2271~~2279~~	MED~~MED~~	429~~429~~
RL23~~CB22~~	11.07~~42.01~~	0.55~~1.51~~	1.01~~0.13~~	667~~1147~~	593~~1124~~	1011~~7~~	2271~~2278~~	MED~~MED~~	430~~430~~
CB36~~CB45~~	46.69~~35.96~~	1.68~~1.71~~	0.17~~0.18~~	1140~~1115~~	1112~~1148~~	18~~14~~	2270~~2277~~	MED~~MED~~	431~~431~~
RU22~~PL64~~	11.05~~13.10~~	0.51~~0.57~~	1.16~~0.67~~	663~~828~~	529~~705~~	1077~~740~~	2269~~2273~~	MED~~MED~~	432~~432~~
PS52~~TC27~~	12.86~~9.59~~	1.17~~0.63~~	0.51~~0.81~~	772~~554~~	1005~~795~~	482~~921~~	2259~~2270~~	MED~~MED~~	433~~433~~
JA26~~RL07~~	12.40~~11.88~~	0.55~~0.56~~	0.86~~0.74~~	751~~756~~	598~~686~~	909~~826~~	2258~~2268~~	MED~~MED~~	434~~434~~
NE84~~CB16~~	13.07~~34.91~~	0.66~~1.25~~	0.69~~0.31~~	780~~1105~~	745~~1065~~	733~~93~~	2258~~2263~~	MED~~MED~~	435~~435~~
CM29~~PL49~~	36.18~~13.28~~	1.47~~0.50~~	0.29~~0.78~~	1071~~838~~	1081~~549~~	105~~876~~	2257~~2263~~	MED~~MED~~	436~~436~~
JA25~~RL20~~	12.60~~10.56~~	0.60~~0.52~~	0.79~~0.93~~	761~~643~~	652~~597~~	844~~1023~~	2257~~2263~~	MED~~MED~~	437~~437~~
CB38~~PL25~~	42.23~~15.04~~	1.53~~0.56~~	0.23~~0.62~~	1114~~915~~	1094~~677~~	40~~667~~	2248~~2259~~	MED~~MED~~	438~~438~~
AO08~~YO14~~	34.81~~10.66~~	1.22~~0.58~~	0.34~~0.79~~	1059~~652~~	1018~~709~~	170~~897~~	2247~~2258~~	MED~~MED~~	439~~439~~
RA45~~CU24~~	12.87~~13.59~~	0.51~~0.52~~	0.93~~0.72~~	774~~856~~	523~~601~~	949~~800~~	2246~~2257~~	MED~~MED~~	440~~440~~

PL31~~JU20~~	13.52~~10.93~~	0.70~~0.71~~	0.64~~0.66~~	792~~680~~	778~~860~~	672~~717~~	2242~~2257~~	MED~~MED~~	441~~441~~
JM65~~PS31~~	14.32~~13.22~~	0.83~~0.90~~	0.57~~0.53~~	829~~834~~	850~~952~~	562~~471~~	2241~~2257~~	MED~~MED~~	442~~442~~
TC27~~RA16~~	10.37~~11.93~~	0.68~~0.58~~	0.83~~0.69~~	602~~761~~	760~~722~~	879~~770~~	2241~~2253~~	MED~~MED~~	443~~443~~
CU70~~CU09~~	34.84~~11.26~~	1.66~~0.57~~	0.26~~0.76~~	1060~~707~~	1107~~694~~	73~~850~~	2240~~2251~~	MED~~MED~~	444~~444~~
JR16~~CU36~~	10.43~~33.81~~	0.57~~1.30~~	1.00~~0.28~~	610~~1098~~	626~~1077~~	1003~~76~~	2239~~2251~~	MED~~MED~~	445~~445~~
RA07~~PS35~~	12.59~~13.53~~	0.64~~0.88~~	0.70~~0.52~~	760~~853~~	725~~947~~	753~~451~~	2238~~2251~~	MED~~MED~~	446~~446~~
RD49~~PS01~~	11.62~~12.42~~	0.59~~0.78~~	0.84~~0.57~~	710~~789~~	639~~907~~	888~~554~~	2237~~2250~~	MED~~MED~~	447~~447~~
JM48~~YO20~~	11.99~~11.18~~	0.60~~0.49~~	0.79~~0.93~~	730~~700~~	654~~518~~	848~~1032~~	2232~~2250~~	MED~~MED~~	448~~448~~
JM83~~CM01~~	10.91~~11.73~~	0.48~~0.60~~	1.22~~0.68~~	650~~742~~	485~~743~~	1097~~760~~	2232~~2245~~	MED~~MED~~	449~~449~~
AO09~~YO11~~	37.85~~9.93~~	1.30~~0.55~~	0.29~~0.88~~	1079~~588~~	1042~~672~~	108~~982~~	2229~~2242~~	MED~~MED~~	450~~450~~
CB42~~CB09~~	42.02~~13.51~~	1.55~~0.54~~	0.19~~0.68~~	1112~~850~~	1096~~629~~	20~~761~~	2228~~2240~~	MED~~MED~~	451~~451~~
CB44~~CB21~~	38.83~~36.51~~	1.42~~1.33~~	0.26~~0.23~~	1087~~1121~~	1070~~1086~~	69~~33~~	2226~~2240~~	MED~~MED~~	452~~452~~
PS65~~RA52~~	12.55~~12.85~~	1.26~~0.51~~	0.49~~0.77~~	758~~812~~	1031~~567~~	437~~860~~	2226~~2239~~	MED~~MED~~	453~~453~~
CB39~~JU30~~	41.94~~11.91~~	1.50~~0.86~~	0.20~~0.56~~	1109~~759~~	1086~~939~~	27~~536~~	2222~~2234~~	MED~~MED~~	454~~454~~
RA17~~PS28~~	22.26~~13.25~~	0.90~~0.75~~	0.48~~0.54~~	927~~836~~	891~~887~~	404~~508~~	2222~~2231~~	MED~~MED~~	455~~455~~
PU05~~JA02~~	14.99~~10.48~~	0.72~~0.64~~	0.58~~0.70~~	846~~635~~	799~~806~~	576~~786~~	2221~~2227~~	MED~~MED~~	456~~456~~

AO14~~JL16~~	41.47~~12.30~~	1.52~~0.55~~	0.19~~0.71~~	1106~~779~~	1090~~655~~	21~~790~~	2217~~2224~~	MED~~MED~~	457~~457~~
AO04~~RL09~~	36.86~~11.36~~	1.33~~0.51~~	0.28~~0.82~~	1075~~713~~	1052~~574~~	86~~937~~	2213~~2224~~	MED~~MED~~	458~~458~~
RU86~~RU70~~	10.08~~12.93~~	0.52~~0.60~~	1.18~~0.62~~	587~~818~~	544~~754~~	1082~~652~~	2213~~2224~~	MED~~MED~~	459~~459~~
RA28~~PS02~~	10.44~~10.50~~	0.53~~0.82~~	1.05~~0.62~~	612~~639~~	571~~924~~	1027~~660~~	2210~~2223~~	MED~~MED~~	460~~460~~
YO21~~CM15~~	12.19~~11.15~~	0.55~~0.52~~	0.82~~0.82~~	744~~694~~	604~~587~~	862~~936~~	2210~~2217~~	MED~~MED~~	461~~461~~
PS04~~JM64~~	10.61~~12.21~~	0.61~~0.72~~	0.85~~0.58~~	631~~776~~	677~~865~~	899~~575~~	2207~~2216~~	MED~~MED~~	462~~462~~
RL10~~PU20~~	11.65~~12.42~~	0.58~~0.46~~	0.80~~0.84~~	711~~790~~	638~~470~~	851~~947~~	2200~~2207~~	MED~~MED~~	463~~463~~
TC33~~PL32~~	9.14~~12.68~~	0.58~~0.64~~	1.10~~0.58~~	517~~807~~	631~~801~~	1052~~598~~	2200~~2206~~	MED~~MED~~	464~~464~~
RU29~~YO16~~	11.70~~11.86~~	0.54~~0.63~~	0.85~~0.62~~	716~~754~~	576~~793~~	905~~659~~	2197~~2206~~	MED~~MED~~	465~~465~~
JR22~~TP10~~	10.91~~12.03~~	0.50~~0.67~~	1.04~~0.59~~	649~~764~~	521~~830~~	1022~~605~~	2192~~2199~~	MED~~MED~~	466~~466~~
JA28~~CB03~~	15.58~~35.44~~	0.63~~1.21~~	0.61~~0.24~~	858~~1108~~	701~~1053~~	632~~36~~	2191~~2197~~	MED~~MED~~	467~~467~~
CU11~~RA67~~	12.16~~23.24~~	0.60~~0.80~~	0.74~~0.42~~	742~~1019~~	653~~916~~	795~~259~~	2190~~2194~~	MED~~MED~~	468~~468~~
CB33~~CU04~~	39.87~~11.24~~	1.53~~0.58~~	0.08~~0.68~~	1093~~705~~	1093~~723~~	3~~764~~	2189~~2192~~	MED~~MED~~	469~~469~~
JM61~~JU26~~	11.35~~16.82~~	0.63~~1.70~~	0.72~~0.30~~	694~~959~~	713~~1145~~	779~~88~~	2186~~2192~~	MED~~MED~~	470~~470~~
RA66~~RU66~~	27.18~~10.49~~	0.87~~0.52~~	0.44~~0.85~~	977~~638~~	870~~591~~	338~~961~~	2185~~2190~~	MED~~MED~~	471~~471~~
RA71~~PU17~~	23.14~~11.27~~	0.75~~0.49~~	0.49~~0.84~~	935~~708~~	814~~528~~	434~~953~~	2183~~2189~~	MED~~MED~~	472~~472~~

PS37~~TP04~~	10.52~~10.82~~	0.83~~0.46~~	0.68~~0.94~~	618~~669~~	853~~478~~	711~~1041~~	2182~~2188~~	MED~~MED~~	473~~473~~
CB43~~AS17~~	36.37~~26.13~~	1.33~~1.39~~	0.25~~0.26~~	1073~~1036~~	1053~~1100~~	55~~50~~	2181~~2186~~	MED~~MED~~	474~~474~~
PS50~~TH45~~	14.64~~8.59~~	1.51~~0.47~~	0.39~~1.94~~	840~~464~~	1088~~497~~	247~~1224~~	2175~~2185~~	MED~~MED~~	475~~475~~
RU35~~YO15~~	11.57~~11.38~~	0.62~~0.59~~	0.72~~0.67~~	706~~714~~	696~~727~~	773~~744~~	2175~~2185~~	MED~~MED~~	476~~476~~
PL61~~JA28~~	11.05~~13.90~~	0.44~~0.62~~	1.24~~0.55~~	665~~865~~	406~~788~~	1102~~529~~	2173~~2182~~	MED~~MED~~	477~~477~~
RU80~~PL17~~	12.07~~16.45~~	0.60~~0.70~~	0.73~~0.48~~	735~~949~~	655~~856~~	783~~377~~	2173~~2182~~	MED~~MED~~	478~~478~~
AO02~~TP01~~	27.48~~10.83~~	1.03~~0.46~~	0.38~~0.94~~	984~~671~~	954~~473~~	233~~1037~~	2171~~2181~~	MED~~MED~~	479~~479~~
JU30~~CU07~~	10.90~~12.99~~	0.84~~0.60~~	0.63~~0.58~~	647~~825~~	856~~757~~	657~~596~~	2160~~2178~~	MED~~MED~~	480~~480~~
RA70~~CB06~~	21.23~~15.93~~	0.72~~0.59~~	0.50~~0.53~~	916~~940~~	793~~739~~	450~~491~~	2159~~2170~~	MED~~MED~~	481~~481~~
RL24~~JM17~~	11.40~~9.28~~	0.47~~0.57~~	1.00~~0.84~~	697~~516~~	456~~695~~	1001~~954~~	2154~~2165~~	MED~~MED~~	482~~482~~
JA24~~PL52~~	11.20~~11.18~~	0.77~~0.46~~	0.61~~0.91~~	685~~699~~	826~~457~~	637~~1002~~	2148~~2158~~	MED~~MED~~	483~~483~~
JM54~~JU84~~	11.19~~8.55~~	0.69~~0.64~~	0.67~~0.79~~	681~~458~~	767~~802~~	700~~895~~	2148~~2155~~	MED~~MED~~	484~~484~~
TP10~~TC26~~	12.39~~8.11~~	0.70~~0.57~~	0.60~~0.94~~	749~~423~~	775~~692~~	616~~1040~~	2140~~2155~~	MED~~MED~~	485~~485~~
JU22~~JM68~~	8.08~~10.38~~	0.53~~0.74~~	1.36~~0.61~~	433~~628~~	572~~885~~	1134~~641~~	2139~~2154~~	MED~~MED~~	486~~486~~
JM77~~JU80~~	10.67~~8.48~~	0.65~~0.48~~	0.71~~1.43~~	637~~449~~	738~~516~~	763~~1188~~	2138~~2153~~	MED~~MED~~	487~~487~~
TC26~~JA14~~	8.73~~10.80~~	0.60~~0.61~~	0.98~~0.65~~	489~~666~~	659~~768~~	986~~712~~	2134~~2146~~	MED~~MED~~	488~~488~~

CU07~~RU28~~	12.83~~9.36~~	0.61~~0.50~~	0.67~~1.01~~	770~~528~~	671~~540~~	692~~1075~~	2133~~2143~~	MED~~MED~~	489~~489~~
PS84~~RU87~~	10.70~~11.53~~	0.62~~0.53~~	0.74~~0.71~~	641~~726~~	686~~619~~	804~~792~~	2131~~2137~~	MED~~MED~~	490~~490~~
PS07~~YO68~~	10.63~~15.27~~	0.56~~0.58~~	0.83~~0.53~~	633~~925~~	614~~717~~	883~~492~~	2130~~2134~~	MED~~MED~~	491~~491~~
JA23~~JU15~~	12.41~~10.99~~	0.51~~0.72~~	0.78~~0.58~~	752~~686~~	536~~870~~	841~~577~~	2129~~2133~~	MED~~MED~~	492~~492~~
TP18~~PL29~~	10.81~~13.78~~	0.71~~0.54~~	0.67~~0.61~~	643~~864~~	784~~640~~	701~~629~~	2128~~2133~~	MED~~MED~~	493~~493~~
CM08~~JM41~~	10.62~~9.33~~	0.54~~0.49~~	0.86~~1.01~~	632~~521~~	582~~537~~	911~~1074~~	2125~~2132~~	MED~~MED~~	494~~494~~
PS41~~JU04~~	10.75~~14.24~~	0.74~~1.33~~	0.65~~0.36~~	642~~879~~	808~~1085~~	674~~167~~	2124~~2131~~	MED~~MED~~	495~~495~~
CM16~~RD69~~	11.62~~10.90~~	0.61~~0.53~~	0.70~~0.76~~	707~~678~~	672~~607~~	742~~846~~	2121~~2131~~	MED~~MED~~	496~~496~~
JL38~~PS74~~	27.46~~9.79~~	1.02~~0.62~~	0.34~~0.69~~	983~~571~~	949~~778~~	189~~781~~	2121~~2130~~	MED~~MED~~	497~~497~~
PS08~~JU25~~	10.99~~11.29~~	0.64~~1.02~~	0.70~~0.50~~	657~~710~~	716~~1000~~	748~~419~~	2121~~2129~~	MED~~MED~~	498~~498~~
RL07~~RU94~~	11.41~~9.44~~	0.55~~0.43~~	0.76~~1.73~~	699~~536~~	599~~379~~	822~~1214~~	2120~~2129~~	MED~~MED~~	499~~499~~
RA72~~RA47~~	27.78~~13.51~~	0.95~~0.56~~	0.37~~0.58~~	987~~851~~	911~~678~~	219~~597~~	2117~~2126~~	MED~~MED~~	500~~500~~
PL29~~JM33~~	13.17~~8.95~~	0.64~~0.48~~	0.60~~1.13~~	784~~488~~	723~~507~~	609~~1128~~	2116~~2123~~	MED~~MED~~	501~~501~~
RA68~~TC33~~	23.83~~7.99~~	0.78~~0.52~~	0.45~~1.11~~	941~~409~~	831~~598~~	344~~1116~~	2116~~2123~~	MED~~MED~~	502~~502~~
CB46~~PL51~~	32.60~~12.14~~	1.39~~0.47~~	0.16~~0.77~~	1036~~773~~	1064~~486~~	15~~863~~	2115~~2122~~	MED~~MED~~	503~~503~~
RA19~~YO10~~	13.12~~9.12~~	0.63~~0.49~~	0.61~~1.02~~	781~~503~~	706~~538~~	627~~1081~~	2114~~2122~~	MED~~MED~~	504~~504~~

AO10~~YO07~~	35.48~~11.76~~	1.21~~0.62~~	0.22~~0.58~~	1061~~744~~	1017~~780~~	33~~589~~	2111~~2113~~	MED~~MED~~	505~~505~~
JA27~~JM40~~	11.34~~9.24~~	0.49~~0.55~~	0.87~~0.82~~	692~~512~~	493~~666~~	924~~934~~	2109~~2112~~	MED~~MED~~	506~~506~~
RL17~~YO48~~	9.36~~10.76~~	0.43~~0.46~~	1.77~~0.88~~	535~~661~~	396~~467~~	1177~~984~~	2108~~2112~~	MED~~MED~~	507~~507~~
PL59~~JA23~~	13.98~~12.18~~	0.67~~0.54~~	0.56~~0.64~~	810~~774~~	751~~649~~	543~~686~~	2104~~2109~~	MED~~MED~~	508~~508~~
PL14~~NE11~~	11.73~~7.90~~	0.56~~0.47~~	0.71~~1.55~~	717~~405~~	613~~499~~	767~~1205~~	2097~~2109~~	MED~~MED~~	509~~509~~
RU21~~PS86~~	9.93~~14.35~~	0.45~~0.61~~	1.21~~0.52~~	576~~883~~	427~~767~~	1094~~458~~	2097~~2108~~	MED~~MED~~	510~~510~~
JL18~~RU91~~	23.21~~10.64~~	0.83~~0.51~~	0.43~~0.78~~	936~~650~~	848~~575~~	310~~874~~	2094~~2099~~	MED~~MED~~	511~~511~~
JU83~~TC31~~	7.66~~8.37~~	0.55~~0.55~~	1.21~~0.88~~	393~~441~~	608~~669~~	1093~~986~~	2094~~2096~~	MED~~MED~~	512~~512~~
PS82~~PS50~~	10.16~~13.44~~	0.58~~1.30~~	0.82~~0.37~~	593~~845~~	630~~1075~~	864~~175~~	2087~~2095~~	MED~~MED~~	513~~513~~
CB03~~PS65~~	33.43~~12.68~~	1.14~~1.12~~	0.24~~0.42~~	1042~~806~~	994~~1024~~	49~~265~~	2085~~2095~~	MED~~MED~~	514~~514~~
RA67~~YO47~~	22.55~~13.64~~	0.75~~0.55~~	0.44~~0.57~~	930~~859~~	818~~674~~	333~~562~~	2081~~2095~~	MED~~MED~~	515~~515~~
RU78~~RA48~~	11.16~~12.43~~	0.68~~0.53~~	0.62~~0.64~~	678~~792~~	756~~605~~	645~~697~~	2079~~2094~~	MED~~MED~~	516~~516~~
YO09~~RU76~~	12.47~~10.85~~	0.52~~0.58~~	0.72~~0.65~~	755~~674~~	548~~712~~	775~~708~~	2078~~2094~~	MED~~MED~~	517~~517~~
PS31~~PL54~~	11.78~~10.28~~	0.78~~0.42~~	0.54~~1.07~~	720~~614~~	830~~370~~	526~~1104~~	2076~~2088~~	MED~~MED~~	518~~518~~
JM20~~JA04~~	9.92~~10.56~~	0.62~~0.62~~	0.75~~0.62~~	572~~642~~	693~~779~~	810~~665~~	2075~~2086~~	MED~~MED~~	519~~519~~
CB45~~JM20~~	30.82~~9.50~~	1.28~~0.50~~	0.15~~0.87~~	1022~~543~~	1039~~563~~	13~~980~~	2074~~2086~~	MED~~MED~~	520~~520~~

RU28~~JU33~~	10.44~~13.15~~	0.45~~0.96~~	1.06~~0.43~~	611~~832~~	430~~978~~	1033~~276~~	2074~~2086~~	MED~~MED~~	521~~521~~
JM64~~PL41~~	11.38~~10.90~~	0.71~~0.44~~	0.58~~0.90~~	696~~677~~	787~~407~~	588~~1001~~	2071~~2085~~	MED~~MED~~	522~~522~~
PL57~~PS49~~	11.18~~14.01~~	0.46~~1.33~~	0.91~~0.33~~	680~~872~~	445~~1090~~	945~~123~~	2070~~2085~~	MED~~MED~~	523~~523~~
TC31~~YO64~~	8.51~~12.87~~	0.59~~0.50~~	0.93~~0.64~~	468~~814~~	645~~565~~	950~~705~~	2063~~2084~~	MED~~MED~~	524~~524~~
JM58~~RD46~~	11.12~~10.73~~	0.61~~0.58~~	0.68~~0.65~~	675~~658~~	668~~711~~	717~~714~~	2060~~2083~~	MED~~MED~~	525~~525~~
JA32~~RL10~~	12.02~~10.83~~	0.63~~0.54~~	0.60~~0.69~~	733~~672~~	711~~637~~	610~~771~~	2054~~2080~~	MED~~MED~~	526~~526~~
CM01~~JA12~~	10.91~~10.15~~	0.55~~0.50~~	0.75~~0.80~~	651~~604~~	596~~560~~	806~~908~~	2053~~2072~~	MED~~MED~~	527~~527~~
JM75~~YO24~~	8.06~~11.85~~	0.45~~0.56~~	2.07~~0.61~~	430~~752~~	429~~681~~	1191~~637~~	2050~~2070~~	MED~~MED~~	528~~528~~
JU46~~CB19~~	9.04~~28.85~~	0.43~~1.00~~	1.47~~0.19~~	507~~1059~~	386~~993~~	1149~~17~~	2042~~2069~~	MED~~MED~~	529~~529~~
RU66~~RU74~~	11.05~~11.50~~	0.49~~0.55~~	0.84~~0.63~~	664~~725~~	491~~670~~	887~~669~~	2042~~2064~~	MED~~MED~~	530~~530~~
RU69~~CM13~~	11.99~~12.33~~	0.53~~0.53~~	0.70~~0.63~~	729~~786~~	569~~606~~	743~~671~~	2041~~2063~~	MED~~MED~~	531~~531~~
TH44~~YO19~~	8.00~~10.40~~	0.52~~0.53~~	1.11~~0.72~~	422~~630~~	552~~627~~	1059~~806~~	2033~~2063~~	MED~~MED~~	532~~532~~
PL17~~RA26~~	15.73~~10.03~~	0.77~~0.57~~	0.45~~0.69~~	860~~594~~	825~~700~~	345~~767~~	2030~~2061~~	MED~~MED~~	533~~533~~
CU19~~JM13~~	13.13~~9.43~~	0.55~~0.51~~	0.62~~0.83~~	783~~534~~	602~~583~~	639~~942~~	2024~~2059~~	MED~~MED~~	534~~534~~
TP12~~CU29~~	10.96~~14.81~~	0.63~~0.61~~	0.64~~0.49~~	656~~903~~	704~~770~~	663~~384~~	2023~~2057~~	MED~~MED~~	535~~535~~
TC23~~PL30~~	8.67~~14.07~~	0.62~~0.56~~	0.79~~0.54~~	482~~873~~	689~~682~~	847~~501~~	2018~~2056~~	MED~~MED~~	536~~536~~

RU82~~YO21~~	10.04~~11.08~~	0.59~~0.51~~	0.73~~0.70~~	582~~689~~	644~~582~~	787~~785~~	2013~~2056~~	MED~~MED~~	537~~537~~
RU76~~JM58~~	10.44~~10.29~~	0.60~~0.58~~	0.70~~0.66~~	613~~615~~	650~~720~~	747~~720~~	2010~~2055~~	MED~~MED~~	538~~538~~
RU32~~CM09~~	11.11~~11.68~~	0.54~~0.58~~	0.70~~0.58~~	674~~738~~	574~~721~~	754~~593~~	2002~~2052~~	MED~~MED~~	539~~539~~
JU21~~RA44~~	10.10~~9.96~~	0.49~~0.53~~	0.86~~0.76~~	589~~591~~	498~~616~~	912~~842~~	1999~~2049~~	MED~~MED~~	540~~540~~
JM80~~JU49~~	9.97~~7.84~~	0.42~~0.47~~	1.14~~1.21~~	577~~397~~	350~~498~~	1067~~1153~~	1994~~2048~~	MED~~MED~~	541~~541~~
PS86~~JA31~~	14.23~~12.98~~	0.51~~0.63~~	0.61~~0.51~~	826~~822~~	538~~794~~	630~~430~~	1994~~2046~~	MED~~MED~~	542~~542~~
JM79~~CB15~~	10.38~~25.46~~	0.55~~0.93~~	0.73~~0.26~~	604~~1033~~	594~~964~~	793~~48~~	1991~~2045~~	MED~~MED~~	543~~543~~
JU33~~PU03~~	13.54~~12.83~~	1.13~~1.18~~	0.35~~0.37~~	794~~811~~	992~~1046~~	201~~178~~	1987~~2035~~	MED~~MED~~	544~~544~~
RU57~~CB05~~	11.01~~16.11~~	0.48~~0.60~~	0.80~~0.47~~	659~~946~~	478~~744~~	850~~344~~	1987~~2034~~	MED~~MED~~	545~~545~~
PU01~~JA16~~	10.43~~10.10~~	0.90~~0.61~~	0.51~~0.62~~	609~~599~~	890~~774~~	481~~661~~	1980~~2034~~	MED~~MED~~	546~~546~~
JU80~~RU29~~	7.62~~10.73~~	0.47~~0.50~~	1.29~~0.73~~	389~~656~~	468~~564~~	1121~~814~~	1978~~2034~~	MED~~MED~~	547~~547~~
JA16~~RU22~~	10.38~~9.66~~	0.63~~0.45~~	0.64~~0.92~~	605~~559~~	700~~455~~	668~~1019~~	1973~~2033~~	MED~~MED~~	548~~548~~
RA73~~PL20~~	21.28~~13.70~~	0.69~~0.55~~	0.41~~0.54~~	917~~862~~	766~~663~~	290~~507~~	1973~~2032~~	MED~~MED~~	549~~549~~
RU70~~PL55~~	12.97~~11.68~~	0.56~~0.52~~	0.58~~0.64~~	776~~737~~	611~~592~~	586~~703~~	1973~~2032~~	MED~~MED~~	550~~550~~
RD02~~RA74~~	9.00~~22.41~~	0.48~~0.73~~	0.99~~0.35~~	506~~1015~~	477~~875~~	989~~142~~	1972~~2032~~	MED~~MED~~	551~~551~~
NE11~~RL05~~	7.37~~9.43~~	0.46~~0.44~~	1.50~~1.05~~	363~~535~~	452~~402~~	1152~~1095~~	1967~~2032~~	MED~~MED~~	552~~552~~

CM05~~YO03~~	10.58~~10.14~~	0.52~~0.57~~	0.71~~0.66~~	625~~603~~	556~~696~~	770~~732~~	1951~~2031~~	MED~~MED~~	553~~553~~
RU23~~RU86~~	9.38~~9.54~~	0.44~~0.48~~	1.02~~0.86~~	536~~546~~	402~~506~~	1013~~975~~	1951~~2027~~	MED~~MED~~	554~~554~~
JU84~~CM05~~	8.54~~11.17~~	0.66~~0.53~~	0.68~~0.64~~	470~~697~~	741~~626~~	718~~702~~	1929~~2025~~	MED~~MED~~	555~~555~~
JA34~~RA22~~	15.54~~12.05~~	0.66~~0.76~~	0.44~~0.48~~	857~~765~~	744~~892~~	326~~364~~	1927~~2021~~	MED~~MED~~	556~~556~~
YO17~~PL58~~	10.81~~10.68~~	0.53~~0.46~~	0.68~~0.80~~	644~~653~~	562~~458~~	721~~906~~	1927~~2017~~	MED~~MED~~	557~~557~~
YO15~~YA04~~	10.59~~7.88~~	0.52~~0.45~~	0.70~~1.35~~	628~~402~~	541~~435~~	755~~1180~~	1924~~2017~~	MED~~MED~~	558~~558~~
JM53~~JU05~~	10.08~~14.87~~	0.56~~1.17~~	0.68~~0.28~~	586~~908~~	615~~1043~~	722~~64~~	1923~~2015~~	MED~~MED~~	559~~559~~
RA50~~RD61~~	21.19~~10.00~~	0.82~~0.53~~	0.33~~0.72~~	915~~593~~	847~~613~~	160~~808~~	1922~~2014~~	MED~~MED~~	560~~560~~
TP11~~JR19~~	8.26~~10.17~~	0.53~~0.56~~	0.85~~0.66~~	444~~606~~	573~~687~~	904~~719~~	1921~~2012~~	MED~~MED~~	561~~561~~
PS27~~JM74~~	9.11~~10.42~~	0.52~~0.42~~	0.81~~0.92~~	515~~632~~	549~~361~~	856~~1017~~	1920~~2010~~	MED~~MED~~	562~~562~~
PL32~~TP18~~	11.76~~9.30~~	0.61~~0.60~~	0.54~~0.67~~	719~~520~~	669~~755~~	530~~735~~	1918~~2010~~	MED~~MED~~	563~~563~~
RA34~~RD49~~	11.08~~10.36~~	0.51~~0.53~~	0.69~~0.69~~	668~~622~~	526~~615~~	724~~772~~	1918~~2009~~	MED~~MED~~	564~~564~~
JU56~~RU62~~	7.16~~11.78~~	0.49~~0.67~~	1.19~~0.51~~	343~~745~~	490~~832~~	1084~~432~~	1917~~2009~~	MED~~MED~~	565~~565~~
RA74~~TC23~~	21.53~~8.58~~	0.70~~0.54~~	0.37~~0.80~~	918~~460~~	774~~644~~	225~~901~~	1917~~2005~~	MED~~MED~~	566~~566~~
YO07~~JU21~~	11.24~~10.22~~	0.57~~0.55~~	0.60~~0.67~~	687~~608~~	618~~658~~	611~~738~~	1916~~2004~~	MED~~MED~~	567~~567~~
JU04~~JU32~~	12.87~~12.79~~	1.16~~1.02~~	0.32~~0.38~~	773~~808~~	999~~998~~	143~~198~~	1915~~2004~~	MED~~MED~~	568~~568~~

RD74~~PS81~~	9.75~~9.78~~	0.51~~0.59~~	0.77~~0.64~~	556~~568~~	528~~735~~	831~~701~~	1915~~2004~~	MED~~MED~~	569~~569~~
YO05~~JM47~~	10.59~~8.44~~	0.55~~0.54~~	0.67~~0.81~~	627~~445~~	591~~636~~	695~~920~~	1913~~2001~~	MED~~MED~~	570~~570~~
JM17~~NE59~~	8.83~~10.25~~	0.64~~0.54~~	0.66~~0.68~~	499~~611~~	727~~631~~	684~~759~~	1910~~2001~~	MED~~MED~~	571~~571~~
RD44~~TC19~~	10.56~~9.00~~	0.53~~0.48~~	0.68~~0.89~~	622~~494~~	563~~512~~	719~~992~~	1904~~1998~~	MED~~MED~~	572~~572~~
PS75~~JM24~~	11.11~~7.81~~	0.54~~0.50~~	0.62~~0.96~~	673~~392~~	585~~551~~	643~~1050~~	1901~~1993~~	MED~~MED~~	573~~573~~
JA14~~CM14~~	9.93~~11.88~~	0.54~~0.57~~	0.70~~0.55~~	575~~757~~	584~~708~~	741~~527~~	1900~~1992~~	MED~~MED~~	574~~574~~
JU05~~TP12~~	14.45~~9.96~~	1.28~~0.64~~	0.21~~0.58~~	834~~592~~	1036~~805~~	30~~595~~	1900~~1992~~	MED~~MED~~	575~~575~~
JU25~~RL23~~	10.29~~9.67~~	0.91~~0.50~~	0.48~~0.78~~	597~~560~~	893~~543~~	410~~888~~	1900~~1991~~	MED~~MED~~	576~~576~~
JA02~~PL19~~	9.20~~16.47~~	0.63~~0.65~~	0.64~~0.40~~	524~~950~~	705~~817~~	667~~223~~	1896~~1990~~	MED~~MED~~	577~~577~~
PU16~~RD63~~	12.48~~11.15~~	0.58~~0.60~~	0.53~~0.56~~	756~~693~~	628~~752~~	510~~543~~	1894~~1988~~	MED~~MED~~	578~~578~~
JA31~~PU02~~	12.98~~14.61~~	0.60~~1.05~~	0.50~~0.29~~	777~~897~~	660~~1005~~	454~~80~~	1891~~1982~~	MED~~MED~~	579~~579~~
YO14~~RD02~~	9.60~~8.25~~	0.49~~0.49~~	0.77~~0.92~~	551~~432~~	506~~534~~	834~~1014~~	1891~~1980~~	MED~~MED~~	580~~580~~
RA22~~JU12~~	11.27~~10.37~~	0.75~~0.72~~	0.47~~0.53~~	688~~626~~	813~~863~~	389~~490~~	1890~~1979~~	MED~~MED~~	581~~581~~
PS02~~RL17~~	8.73~~9.22~~	0.65~~0.43~~	0.64~~1.04~~	491~~510~~	733~~374~~	662~~1090~~	1886~~1974~~	MED~~MED~~	582~~582~~
PL64~~RA15~~	11.62~~10.31~~	0.49~~0.59~~	0.66~~0.60~~	709~~617~~	492~~736~~	680~~619~~	1881~~1972~~	MED~~MED~~	583~~583~~
TC25~~RD44~~	9.25~~10.41~~	0.61~~0.54~~	0.65~~0.64~~	528~~631~~	680~~647~~	673~~694~~	1881~~1972~~	MED~~MED~~	584~~584~~

JU32~~CU08~~	12.80~~11.65~~	1.07~~0.53~~	0.32~~0.60~~	7687~~736~~	9676~~612~~	1446~~622~~	1879~~1970~~	MED~~MED~~	585~~585~~
RA16~~YA02~~	10.60~~8.16~~	0.52~~0.46~~	0.67~~1.03~~	6294~~428~~	5554~~456~~	6941~~1084~~	1878~~1968~~	MED~~MED~~	586~~586~~
RU73~~RU21~~	9.86~~9.04~~	0.45~~0.43~~	0.82~~1.01~~	5694~~496~~	4333~~390~~	8681~~1079~~	1870~~1965~~	MED~~MED~~	587~~587~~
RU03~~YO41~~	7.35~~13.08~~	0.43~~0.55~~	1.36~~0.53~~	3628~~826~~	3736~~662~~	1133~~477~~	1868~~1965~~	MED~~MED~~	588~~588~~
PS36~~PL18~~	9.83~~17.69~~	0.67~~0.73~~	0.56~~0.33~~	5659~~969~~	7498~~880~~	5531~~113~~	1867~~1962~~	MED~~MED~~	589~~589~~
RD75~~JU86~~	10.11~~7.56~~	0.50~~0.51~~	0.70~~0.92~~	5903~~367~~	5195~~573~~	7571~~1016~~	1866~~1956~~	MED~~MED~~	590~~590~~
JR20~~JU36~~	9.17~~9.72~~	0.51~~0.64~~	0.76~~0.58~~	5225~~565~~	5228~~807~~	8195~~582~~	1863~~1954~~	MED~~MED~~	591~~591~~
CM12~~YO26~~	10.96~~11.61~~	0.48~~0.49~~	0.69~~0.64~~	6557~~733~~	4725~~526~~	7346~~695~~	1861~~1954~~	MED~~MED~~	592~~592~~
JM24~~JA32~~	7.60~~11.76~~	0.55~~0.57~~	0.82~~0.55~~	3877~~743~~	6076~~697~~	8655~~513~~	1859~~1953~~	MED~~MED~~	593~~593~~
PL50~~PS41~~	11.65~~10.94~~	0.46~~0.76~~	0.67~~0.48~~	7126~~682~~	4488~~896~~	6963~~375~~	1856~~1953~~	MED~~MED~~	594~~594~~
RU31~~JA33~~	10.94~~11.85~~	0.51~~0.59~~	0.64~~0.53~~	6537~~753~~	5337~~726~~	6694~~472~~	1855~~1951~~	MED~~MED~~	595~~595~~
YO69~~PL07~~	23.38~~10.27~~	0.91~~0.50~~	0.19~~0.71~~	9376~~612~~	8945~~545~~	22~~791~~	1853~~1948~~	MED~~MED~~	596~~596~~
PS49~~PS12~~	12.29~~9.45~~	1.13~~0.62~~	0.30~~0.60~~	7455~~537~~	9907~~789~~	1146~~618~~	1849~~1944~~	MED~~MED~~	597~~597~~
JU03~~JM77~~	12.40~~10.68~~	1.04~~0.57~~	0.32~~0.58~~	7506~~654~~	9557~~702~~	1415~~587~~	1846~~1943~~	MED~~MED~~	598~~598~~
CM06~~RA04~~	9.85~~9.30~~	0.52~~0.57~~	0.69~~0.65~~	5685~~519~~	5467~~704~~	7287~~710~~	1842~~1933~~	MED~~MED~~	599~~599~~
CU06~~YO18~~	11.03~~10.36~~	0.59~~0.47~~	0.55~~0.73~~	6606~~624~~	6424~~488~~	5378~~821~~	1839~~1933~~	MED~~MED~~	600~~600~~

RD65~~JM81~~	10.05~~10.95~~	0.48~~0.48~~	0.71~~0.67~~	584~~683~~	487~~502~~	766~~746~~	1837~~1931~~	MED~~MED~~	601~~601~~
JA18~~YO46~~	10.03~~10.44~~	0.60~~0.45~~	0.59~~0.75~~	581~~633~~	651~~446~~	604~~841~~	1836~~1920~~	MED~~MED~~	602~~602~~
JM69~~PS18~~	9.23~~8.04~~	0.71~~0.52~~	0.54~~0.80~~	526~~415~~	789~~594~~	521~~903~~	1836~~1912~~	MED~~MED~~	603~~603~~
TC24~~TH44~~	8.27~~7.25~~	0.59~~0.46~~	0.70~~1.09~~	445~~341~~	646~~461~~	739~~1110~~	1830~~1912~~	MED~~MED~~	604~~604~~
RU30~~TH37~~	10.45~~6.59~~	0.51~~0.46~~	0.66~~1.30~~	614~~277~~	527~~459~~	688~~1173~~	1829~~1909~~	MED~~MED~~	605~~605~~
TC22~~PS36~~	7.30~~10.74~~	0.51~~0.77~~	0.89~~0.47~~	354~~660~~	534~~900~~	937~~347~~	1825~~1907~~	MED~~MED~~	606~~606~~
JU49~~PU16~~	7.28~~12.37~~	0.43~~0.62~~	1.20~~0.46~~	352~~788~~	381~~785~~	1090~~333~~	1823~~1906~~	MED~~MED~~	607~~607~~
NE62~~JM59~~	8.34~~11.16~~	0.40~~0.62~~	1.08~~0.51~~	452~~695~~	323~~784~~	1048~~426~~	1823~~1905~~	MED~~MED~~	608~~608~~
PS30~~YO65~~	10.25~~12.95~~	0.60~~0.50~~	0.57~~0.55~~	595~~820~~	663~~559~~	564~~526~~	1822~~1905~~	MED~~MED~~	609~~609~~
PU03~~RU89~~	11.55~~8.53~~	1.02~~0.44~~	0.33~~0.93~~	705~~456~~	946~~419~~	167~~1022~~	1818~~1897~~	MED~~MED~~	610~~610~~
JU28~~YO27~~	11.89~~10.82~~	1.11~~0.44~~	0.29~~0.72~~	724~~670~~	982~~420~~	111~~804~~	1817~~1894~~	MED~~MED~~	611~~611~~
RD46~~RL22~~	9.79~~9.53~~	0.55~~0.53~~	0.63~~0.66~~	563~~544~~	600~~624~~	650~~725~~	1813~~1893~~	MED~~MED~~	612~~612~~
TH37~~RD57~~	6.19~~10.49~~	0.44~~0.57~~	1.44~~0.56~~	249~~637~~	415~~706~~	1146~~547~~	1810~~1890~~	MED~~MED~~	613~~613~~
YO02~~JU03~~	9.93~~12.46~~	0.57~~0.97~~	0.60~~0.32~~	574~~794~~	622~~983~~	614~~107~~	1810~~1884~~	MED~~MED~~	614~~614~~
PU20~~RU05~~	11.06~~7.33~~	0.39~~0.47~~	0.80~~0.94~~	666~~353~~	290~~489~~	853~~1038~~	1809~~1880~~	MED~~MED~~	615~~615~~
PU02~~PL61~~	13.87~~9.17~~	0.98~~0.40~~	0.27~~0.99~~	807~~507~~	923~~310~~	76~~1062~~	1806~~1879~~	MED~~MED~~	616~~616~~

RD64~~JL18~~	9.92~~16.95~~	0.49~~0.68~~	0.69~~0.28~~	573~~960~~	496~~844~~	730~~72~~	1799~~1876~~	MED~~MED~~	617~~617~~
JM67~~JM61~~	10.58~~11.23~~	0.77~~0.53~~	0.45~~0.57~~	624~~703~~	827~~620~~	346~~553~~	1797~~1876~~	MED~~MED~~	618~~618~~
BS34~~JA34~~	6.52~~13.52~~	0.44~~0.64~~	1.20~~0.39~~	294~~852~~	412~~809~~	1087~~211~~	1793~~1872~~	MED~~LOW~~	619~~619~~
JM73~~JM54~~	9.41~~10.30~~	0.53~~0.56~~	0.66~~0.58~~	540~~616~~	566~~676~~	685~~580~~	1791~~1872~~	MED~~LOW~~	620~~620~~
CM09~~BS34~~	10.42~~6.45~~	0.54~~0.45~~	0.59~~1.28~~	608~~262~~	580~~440~~	601~~1169~~	1789~~1871~~	MED~~LOW~~	621~~621~~
TC30~~PU07~~	8.37~~10.48~~	0.56~~0.96~~	0.68~~0.42~~	457~~634~~	612~~973~~	720~~262~~	1789~~1869~~	MED~~LOW~~	622~~622~~
JM71~~RU35~~	9.75~~10.62~~	0.52~~0.48~~	0.65~~0.64~~	557~~648~~	547~~514~~	677~~706~~	1781~~1868~~	LOW~~LOW~~	623~~623~~
YA06~~YO25~~	7.49~~8.67~~	0.46~~0.43~~	0.95~~0.91~~	376~~475~~	443~~382~~	961~~1006~~	1780~~1863~~	LOW~~LOW~~	624~~624~~
JU72~~JU06~~	8.05~~13.58~~	0.54~~0.94~~	0.71~~0.25~~	427~~855~~	583~~965~~	769~~42~~	1779~~1862~~	LOW~~LOW~~	625~~625~~
YO38~~JR17~~	11.84~~9.07~~	0.52~~0.51~~	0.52~~0.69~~	722~~498~~	557~~578~~	500~~778~~	1779~~1854~~	LOW~~LOW~~	626~~626~~
RU89~~TP02~~	8.08~~9.82~~	0.48~~0.44~~	0.83~~0.76~~	434~~572~~	471~~432~~	873~~849~~	1778~~1853~~	LOW~~LOW~~	627~~627~~
JM60~~PL26~~	8.70~~15.21~~	0.51~~0.60~~	0.71~~0.37~~	485~~923~~	530~~749~~	760~~180~~	1775~~1852~~	LOW~~LOW~~	628~~628~~
JA03~~JU02~~	9.19~~12.31~~	0.71~~1.11~~	0.50~~0.26~~	523~~781~~	785~~1020~~	466~~49~~	1774~~1850~~	LOW~~LOW~~	629~~629~~
YO24~~TP03~~	10.89~~9.85~~	0.51~~0.44~~	0.59~~0.76~~	646~~577~~	531~~421~~	593~~852~~	1770~~1850~~	LOW~~LOW~~	630~~630~~
JL21~~JU85~~	11.09~~7.66~~	0.46~~0.57~~	0.62~~0.69~~	671~~377~~	450~~703~~	646~~769~~	1767~~1849~~	LOW~~LOW~~	631~~631~~
YO44~~JU29~~	10.13~~11.60~~	0.50~~1.05~~	0.64~~0.32~~	592~~732~~	514~~1008~~	660~~105~~	1766~~1845~~	LOW~~LOW~~	632~~632~~

YO16~~JL02~~	10.42~~13.50~~	0.51~~0.56~~	0.61~~0.44~~	607~~849~~	524~~689~~	634~~305~~	1765~~1843~~	LOW~~LOW~~	633~~633~~
RD45~~JM23~~	9.15~~7.06~~	0.45~~0.46~~	0.75~~0.96~~	519~~318~~	436~~474~~	807~~1051~~	1762~~1843~~	LOW~~LOW~~	634~~634~~
YO04~~RU84~~	8.63~~10.17~~	0.58~~0.45~~	0.62~~0.71~~	478~~607~~	637~~445~~	644~~789~~	1759~~1841~~	LOW~~LOW~~	635~~635~~
JA01~~JU28~~	10.61~~11.72~~	0.75~~1.01~~	0.43~~0.32~~	630~~740~~	817~~996~~	309~~101~~	1756~~1837~~	LOW~~LOW~~	636~~636~~
NE59~~JA03~~	9.22~~9.53~~	0.50~~0.58~~	0.68~~0.58~~	525~~545~~	511~~718~~	716~~572~~	1752~~1835~~	LOW~~LOW~~	637~~637~~
JM13~~JM67~~	8.16~~10.32~~	0.45~~0.69~~	0.83~~0.48~~	439~~618~~	432~~852~~	878~~365~~	1749~~1835~~	LOW~~LOW~~	638~~638~~
YA04~~PU04~~	7.28~~12.65~~	0.40~~0.98~~	1.20~~0.25~~	351~~805~~	305~~986~~	1092~~41~~	1748~~1832~~	LOW~~LOW~~	639~~639~~
RA15~~CU27~~	9.54~~9.70~~	0.55~~0.43~~	0.59~~0.77~~	548~~563~~	595~~395~~	598~~869~~	1741~~1827~~	LOW~~LOW~~	640~~640~~
RL01~~JU46~~	9.56~~7.87~~	0.43~~0.42~~	0.75~~0.97~~	549~~400~~	377~~371~~	813~~1056~~	1739~~1827~~	LOW~~LOW~~	641~~641~~
RU83~~CM16~~	10.31~~10.48~~	0.70~~0.54~~	0.45~~0.57~~	599~~636~~	777~~628~~	363~~561~~	1739~~1825~~	LOW~~LOW~~	642~~642~~
JU06~~YO09~~	13.79~~8.72~~	0.94~~0.45~~	0.18~~0.80~~	802~~478~~	909~~447~~	19~~900~~	1730~~1825~~	LOW~~LOW~~	643~~643~~
RA35~~JA41~~	9.43~~13.19~~	0.49~~0.56~~	0.67~~0.45~~	544~~833~~	494~~679~~	691~~311~~	1729~~1823~~	LOW~~LOW~~	644~~644~~
PU04~~TC25~~	12.13~~8.58~~	1.02~~0.57~~	0.24~~0.62~~	740~~461~~	944~~698~~	43~~664~~	1727~~1823~~	LOW~~LOW~~	645~~645~~
CM11~~JU70~~	11.13~~10.07~~	0.53~~0.82~~	0.51~~0.44~~	677~~597~~	565~~922~~	478~~302~~	1720~~1821~~	LOW~~LOW~~	646~~646~~
PL19~~RU69~~	15.18~~11.10~~	0.60~~0.47~~	0.35~~0.61~~	852~~690~~	665~~484~~	200~~646~~	1717~~1820~~	LOW~~LOW~~	647~~647~~
RA23~~TP11~~	10.83~~7.60~~	0.60~~0.49~~	0.48~~0.80~~	645~~373~~	657~~530~~	415~~911~~	1717~~1814~~	LOW~~LOW~~	648~~648~~

RA26~~PL44~~	9.15~~13.46~~	0.47~~0.57~~	0.69~~0.42~~	518~~847~~	470~~693~~	725~~272~~	1713~~1812~~	LOW~~LOW~~	649~~649~~
JM70~~TC24~~	10.29~~7.85~~	0.62~~0.56~~	0.49~~0.66~~	596~~398~~	684~~688~~	430~~723~~	1710~~1809~~	LOW~~LOW~~	650~~650~~
TH23~~RA33~~	6.28~~7.81~~	0.42~~0.44~~	1.19~~0.91~~	259~~390~~	365~~414~~	1083~~1003~~	1707~~1807~~	LOW~~LOW~~	651~~651~~
JU08~~YO43~~	12.85~~9.19~~	0.85~~0.44~~	0.26~~0.77~~	771~~509~~	860~~425~~	75~~873~~	1706~~1807~~	LOW~~LOW~~	652~~652~~
JU78~~RD55~~	6.92~~10.14~~	0.50~~0.57~~	0.82~~0.53~~	324~~602~~	512~~707~~	870~~493~~	1706~~1802~~	LOW~~LOW~~	653~~653~~
TC17~~TC22~~	7.47~~7.31~~	0.36~~0.45~~	1.28~~0.91~~	373~~352~~	214~~443~~	1116~~1007~~	1703~~1802~~	LOW~~LOW~~	654~~654~~
PL63~~JU65~~	12.31~~10.08~~	0.48~~0.79~~	0.51~~0.43~~	746~~598~~	476~~909~~	480~~292~~	1702~~1799~~	LOW~~LOW~~	655~~655~~
PS43~~JU73~~	9.06~~10.03~~	0.63~~0.51~~	0.52~~0.60~~	510~~595~~	699~~579~~	490~~621~~	1699~~1795~~	LOW~~LOW~~	656~~656~~
JU85~~PL16~~	7.75~~11.27~~	0.60~~0.44~~	0.61~~0.63~~	403~~709~~	666~~410~~	628~~675~~	1697~~1794~~	LOW~~LOW~~	657~~657~~
JU02~~CM12~~	11.53~~10.72~~	1.04~~0.46~~	0.22~~0.62~~	704~~655~~	957~~466~~	31~~668~~	1692~~1789~~	LOW~~LOW~~	658~~658~~
PS81~~JU69~~	9.06~~10.80~~	0.49~~0.90~~	0.66~~0.37~~	509~~667~~	502~~951~~	681~~169~~	1692~~1787~~	LOW~~LOW~~	659~~659~~
JM32~~RD64~~	7.46~~9.86~~	0.47~~0.52~~	0.80~~0.60~~	370~~578~~	462~~595~~	854~~613~~	1686~~1786~~	LOW~~LOW~~	660~~660~~
PL12~~PS42~~	10.00~~10.07~~	0.44~~0.76~~	0.67~~0.43~~	578~~596~~	401~~893~~	703~~295~~	1682~~1784~~	LOW~~LOW~~	661~~661~~
RD76~~JM53~~	8.13~~9.90~~	0.45~~0.55~~	0.75~~0.56~~	436~~584~~	425~~652~~	816~~546~~	1677~~1782~~	LOW~~LOW~~	662~~662~~
RU88~~JU01~~	8.87~~11.58~~	0.49~~1.01~~	0.65~~0.27~~	502~~731~~	495~~995~~	678~~56~~	1675~~1782~~	LOW~~LOW~~	663~~663~~
JU47~~RD74~~	7.23~~9.00~~	0.37~~0.48~~	1.16~~0.69~~	350~~493~~	252~~509~~	1072~~779~~	1674~~1781~~	LOW~~LOW~~	664~~664~~

JA05~~JU35~~	10.38~~8.29~~	0.65~~0.43~~	0.44~~0.84~~	603~~436~~	739~~392~~	330~~950~~	1672~~1778~~	LOW~~LOW~~	665~~665~~
BS32~~JL17~~	8.28~~10.88~~	0.52~~0.50~~	0.66~~0.57~~	446~~675~~	542~~548~~	683~~552~~	1671~~1775~~	LOW~~LOW~~	666~~666~~
RU20~~PS44~~	6.73~~9.83~~	0.41~~0.76~~	1.05~~0.44~~	306~~574~~	333~~898~~	1025~~301~~	1664~~1773~~	LOW~~LOW~~	667~~667~~
JU86~~RD53~~	6.52~~9.42~~	0.46~~0.54~~	0.87~~0.59~~	293~~532~~	449~~632~~	920~~609~~	1662~~1773~~	LOW~~LOW~~	668~~668~~
PS01~~CM17~~	9.90~~11.17~~	0.63~~0.51~~	0.47~~0.54~~	571~~696~~	698~~568~~	392~~506~~	1661~~1770~~	LOW~~LOW~~	669~~669~~
TP02~~NE58~~	9.53~~8.64~~	0.60~~0.46~~	0.50~~0.74~~	547~~469~~	658~~472~~	456~~829~~	1661~~1770~~	LOW~~LOW~~	670~~670~~
TC16~~CU06~~	7.29~~10.40~~	0.48~~0.55~~	0.77~~0.53~~	353~~629~~	473~~664~~	832~~476~~	1658~~1769~~	LOW~~LOW~~	671~~671~~
JU66~~JM32~~	11.05~~7.79~~	1.01~~0.47~~	0.24~~0.78~~	662~~386~~	939~~493~~	48~~887~~	1649~~1766~~	LOW~~LOW~~	672~~672~~
RD47~~CU26~~	10.09~~11.23~~	0.52~~0.47~~	0.53~~0.58~~	588~~702~~	553~~481~~	504~~578~~	1645~~1761~~	LOW~~LOW~~	673~~673~~
CU04~~JR13~~	9.75~~7.89~~	0.42~~0.49~~	0.69~~0.75~~	555~~404~~	358~~517~~	731~~839~~	1644~~1760~~	LOW~~LOW~~	674~~674~~
PL40~~JA07~~	14.22~~10.81~~	0.61~~0.61~~	0.32~~0.45~~	825~~668~~	679~~766~~	139~~325~~	1643~~1759~~	LOW~~LOW~~	675~~675~~
JA11~~RU03~~	9.81~~6.97~~	0.60~~0.43~~	0.49~~0.99~~	564~~310~~	656~~384~~	422~~1061~~	1642~~1755~~	LOW~~LOW~~	676~~676~~
JU63~~JU72~~	9.41~~7.86~~	0.40~~0.54~~	0.72~~0.65~~	539~~399~~	326~~642~~	776~~713~~	1641~~1754~~	LOW~~LOW~~	677~~677~~
RD32~~PS30~~	10.05~~10.11~~	0.43~~0.59~~	0.64~~0.50~~	583~~600~~	389~~728~~	665~~422~~	1637~~1750~~	LOW~~LOW~~	678~~678~~
TH39~~PL45~~	5.96~~15.12~~	0.36~~0.62~~	1.71~~0.26~~	225~~917~~	238~~781~~	1171~~47~~	1634~~1745~~	LOW~~LOW~~	679~~679~~
YO08~~JU82~~	9.78~~6.73~~	0.47~~0.49~~	0.60~~0.82~~	560~~294~~	455~~521~~	615~~929~~	1630~~1744~~	LOW~~LOW~~	680~~680~~

RD43~~JA05~~	9.67~~11.03~~	0.42~~0.60~~	0.68~~0.45~~	553~~688~~	360~~746~~	713~~309~~	1626~~1743~~	LOW~~LOW~~	681~~681~~
RD48~~NE90~~	9.10~~9.01~~	0.51~~0.53~~	0.58~~0.61~~	514~~495~~	525~~618~~	587~~630~~	1626~~1743~~	LOW~~LOW~~	682~~682~~
YO40~~JA01~~	9.47~~10.35~~	0.51~~0.60~~	0.55~~0.48~~	545~~620~~	540~~747~~	540~~374~~	1625~~1741~~	LOW~~LOW~~	683~~683~~
RD51~~YO49~~	9.56~~9.58~~	0.54~~0.41~~	0.52~~0.75~~	550~~553~~	577~~350~~	495~~836~~	1622~~1739~~	LOW~~LOW~~	684~~684~~
JU09~~JR14~~	10.55~~8.05~~	0.71~~0.44~~	0.37~~0.79~~	621~~416~~	782~~431~~	217~~890~~	1620~~1737~~	LOW~~LOW~~	685~~685~~
JU73~~RU23~~	9.35~~8.50~~	0.49~~0.41~~	0.58~~0.84~~	533~~452~~	501~~337~~	585~~948~~	1619~~1737~~	LOW~~LOW~~	686~~686~~
PL45~~RU77~~	14.18~~9.93~~	0.68~~0.58~~	0.23~~0.51~~	820~~589~~	758~~714~~	414~~33~~	1619~~1736~~	LOW~~LOW~~	687~~687~~
JM23~~JU14~~	6.66~~11.55~~	0.45~~0.72~~	0.83~~0.35~~	302~~728~~	434~~868~~	880~~138~~	1616~~1734~~	LOW~~LOW~~	688~~688~~
PS44~~JA11~~	8.23~~9.91~~	0.62~~0.53~~	0.51~~0.55~~	442~~587~~	694~~622~~	479~~522~~	1615~~1731~~	LOW~~LOW~~	689~~689~~
PL35~~JU71~~	9.66~~6.84~~	0.62~~0.54~~	0.46~~0.70~~	552~~301~~	688~~639~~	371~~788~~	1611~~1728~~	LOW~~LOW~~	690~~690~~
PU07~~PL40~~	9.08~~13.92~~	0.58~~0.61~~	0.51~~0.31~~	511~~868~~	629~~763~~	470~~97~~	1610~~1728~~	LOW~~LOW~~	691~~691~~
TC19~~JU56~~	8.70~~6.71~~	0.55~~0.39~~	0.54~~1.15~~	484~~289~~	592~~301~~	533~~1137~~	1609~~1727~~	LOW~~LOW~~	692~~692~~
CU30~~RA72~~	15.76~~14.86~~	0.61~~0.55~~	0.26~~0.36~~	861~~906~~	674~~661~~	70~~160~~	1605~~1727~~	LOW~~LOW~~	693~~693~~
JU12~~JM85~~	8.87~~8.21~~	0.64~~0.41~~	0.47~~0.83~~	503~~430~~	718~~349~~	381~~943~~	1602~~1722~~	LOW~~LOW~~	694~~694~~
PL42~~TC30~~	12.08~~7.88~~	0.57~~0.51~~	0.38~~0.67~~	737~~403~~	619~~569~~	246~~747~~	1602~~1719~~	LOW~~LOW~~	695~~695~~
JU36~~RU57~~	8.41~~9.59~~	0.68~~0.45~~	0.46~~0.66~~	459~~555~~	761~~434~~	378~~729~~	1598~~1718~~	LOW~~LOW~~	696~~696~~

RD61~~JM22~~	9.09~~7.87~~	0.48~~0.50~~	0.60~~0.68~~	513~~401~~	480~~555~~	605~~758~~	1598~~1714~~	LOW~~LOW~~	697~~697~~
RD63~~RU81~~	10.50~~10.65~~	0.54~~0.51~~	0.48~~0.53~~	616~~651~~	581~~571~~	399~~487~~	1596~~1709~~	LOW~~LOW~~	698~~698~~
BS30~~TC16~~	7.06~~7.19~~	0.48~~0.48~~	0.71~~0.77~~	335~~333~~	489~~505~~	771~~870~~	1595~~1708~~	LOW~~LOW~~	699~~699~~
TH41~~JM80~~	5.93~~9.10~~	0.43~~0.42~~	1.00~~0.76~~	215~~501~~	382~~356~~	996~~847~~	1593~~1704~~	LOW~~LOW~~	700~~700~~
PS28~~CM11~~	8.45~~11.54~~	0.49~~0.54~~	0.61~~0.45~~	464~~727~~	505~~648~~	623~~324~~	1592~~1699~~	LOW~~LOW~~	701~~701~~
JU70~~JA29~~	9.47~~11.82~~	0.67~~0.64~~	0.41~~0.35~~	546~~749~~	752~~804~~	293~~144~~	1591~~1697~~	LOW~~LOW~~	702~~702~~
PS74~~PL14~~	8.36~~10.14~~	0.51~~0.46~~	0.59~~0.60~~	456~~601~~	532~~477~~	603~~616~~	1591~~1694~~	LOW~~LOW~~	703~~703~~
RD57~~PL21~~	10.07~~12.94~~	0.48~~0.53~~	0.53~~0.42~~	585~~819~~	482~~610~~	520~~261~~	1587~~1690~~	LOW~~LOW~~	704~~704~~
JU29~~JU66~~	9.77~~10.64~~	0.88~~0.93~~	0.33~~0.28~~	558~~649~~	874~~963~~	152~~77~~	1584~~1689~~	LOW~~LOW~~	705~~705~~
JA12~~YO69~~	8.73~~15.33~~	0.38~~0.59~~	0.77~~0.21~~	488~~927~~	267~~737~~	827~~24~~	1582~~1688~~	LOW~~LOW~~	706~~706~~
PL03~~JM39~~	11.17~~6.87~~	0.37~~0.41~~	0.64~~0.93~~	679~~304~~	240~~353~~	659~~1029~~	1578~~1686~~	LOW~~LOW~~	707~~707~~
JU01~~JM79~~	10.69~~10.33~~	0.91~~0.47~~	0.23~~0.58~~	640~~619~~	895~~480~~	42~~583~~	1577~~1682~~	LOW~~LOW~~	708~~708~~
PL13~~CM06~~	10.32~~9.59~~	0.50~~0.52~~	0.50~~0.56~~	600~~556~~	513~~590~~	464~~535~~	1577~~1681~~	LOW~~LOW~~	709~~709~~
JR19~~JM14~~	8.78~~8.01~~	0.52~~0.49~~	0.54~~0.67~~	494~~411~~	550~~527~~	531~~742~~	1575~~1680~~	LOW~~LOW~~	710~~710~~
PL02~~YO39~~	11.00~~10.57~~	0.42~~0.49~~	0.56~~0.54~~	658~~644~~	364~~524~~	552~~511~~	1574~~1679~~	LOW~~LOW~~	711~~711~~
JM12~~PS79~~	8.44~~10.36~~	0.45~~0.60~~	0.64~~0.44~~	460~~625~~	439~~750~~	670~~303~~	1569~~1678~~	LOW~~LOW~~	712~~712~~

CU03~~YA01~~	9.27~~7.81~~	0.43~~0.39~~	0.61~~0.91~~	530~~391~~	398~~276~~	636~~1010~~	1564~~1677~~	LOW~~LOW~~	713~~713~~
RU71~~RU32~~	8.67~~9.89~~	0.45~~0.46~~	0.62~~0.61~~	481~~582~~	435~~462~~	647~~632~~	1563~~1676~~	LOW~~LOW~~	714~~714~~
JM66~~NE18~~	10.30~~6.88~~	0.61~~0.43~~	0.42~~0.88~~	598~~305~~	667~~387~~	296~~983~~	1561~~1675~~	LOW~~LOW~~	715~~715~~
BS25~~YO04~~	5.89~~8.58~~	0.41~~0.45~~	1.01~~0.68~~	208~~462~~	344~~452~~	1007~~753~~	1559~~1667~~	LOW~~LOW~~	716~~716~~
RD67~~JU64~~	10.11~~7.23~~	0.55~~0.61~~	0.46~~0.56~~	591~~340~~	588~~777~~	379~~548~~	1558~~1665~~	LOW~~LOW~~	717~~717~~
JA35~~YO01~~	10.23~~9.33~~	0.72~~0.61~~	0.33~~0.48~~	594~~522~~	796~~762~~	166~~381~~	1556~~1665~~	LOW~~LOW~~	718~~718~~
RU72~~RU78~~	8.57~~10.90~~	0.42~~0.53~~	0.69~~0.49~~	473~~676~~	355~~602~~	727~~386~~	1555~~1664~~	LOW~~LOW~~	719~~719~~
JA33~~JA15~~	10.65~~9.86~~	0.49~~0.53~~	0.48~~0.52~~	635~~579~~	507~~621~~	408~~463~~	1550~~1663~~	LOW~~LOW~~	720~~720~~
NE42~~BS32~~	7.07~~7.91~~	0.62~~0.43~~	0.54~~0.77~~	336~~406~~	690~~394~~	522~~862~~	1548~~1662~~	LOW~~LOW~~	721~~721~~
PL27~~PS43~~	11.05~~9.68~~	0.68~~0.68~~	0.31~~0.41~~	661~~561~~	754~~846~~	132~~255~~	1547~~1662~~	LOW~~LOW~~	722~~722~~
CM04~~RD19~~	8.35~~7.83~~	0.41~~0.42~~	0.70~~0.80~~	454~~393~~	334~~368~~	758~~899~~	1546~~1660~~	LOW~~LOW~~	723~~723~~
BS29~~RA35~~	7.72~~9.10~~	0.48~~0.54~~	0.64~~0.55~~	400~~502~~	481~~630~~	664~~520~~	1545~~1652~~	LOW~~LOW~~	724~~724~~
RD19~~JM70~~	7.34~~9.58~~	0.41~~0.60~~	0.79~~0.46~~	361~~552~~	338~~758~~	845~~339~~	1544~~1649~~	LOW~~LOW~~	725~~725~~
JU76~~RU20~~	8.61~~6.93~~	0.62~~0.40~~	0.46~~0.93~~	476~~308~~	692~~311~~	369~~1028~~	1537~~1647~~	LOW~~LOW~~	726~~726~~
RU37~~PL35~~	9.36~~9.71~~	0.48~~0.56~~	0.53~~0.49~~	534~~564~~	486~~684~~	516~~394~~	1536~~1642~~	LOW~~LOW~~	727~~727~~
RL21~~YO44~~	7.78~~9.94~~	0.40~~0.47~~	0.76~~0.58~~	406~~590~~	308~~482~~	818~~570~~	1532~~1642~~	LOW~~LOW~~	728~~728~~

TC15~~CM04~~	6.27~~9.06~~	0.47~~0.47~~	0.74~~0.62~~	257~~497~~	464~~485~~	799~~658~~	1520~~1640~~	LOW~~LOW~~	729~~729~~
JR14~~JU11~~	7.52~~9.89~~	0.42~~0.60~~	0.71~~0.45~~	380~~581~~	369~~742~~	761~~314~~	1510~~1637~~	LOW~~LOW~~	730~~730~~
PS42~~RU85~~	8.34~~10.85~~	0.57~~0.51~~	0.49~~0.49~~	453~~673~~	621~~577~~	435~~387~~	1509~~1637~~	LOW~~LOW~~	731~~731~~
BS28~~JU58~~	7.80~~7.11~~	0.49~~0.50~~	0.59~~0.67~~	408~~325~~	504~~558~~	596~~751~~	1508~~1634~~	LOW~~LOW~~	732~~732~~
PS79~~RU72~~	9.87~~9.35~~	0.54~~0.45~~	0.45~~0.62~~	570~~526~~	579~~450~~	358~~657~~	1507~~1633~~	LOW~~LOW~~	733~~733~~
TP05~~CU23~~	8.55~~8.99~~	0.57~~0.39~~	0.48~~0.76~~	471~~491~~	623~~295~~	413~~844~~	1507~~1630~~	LOW~~LOW~~	734~~734~~
TC20~~JM28~~	11.28~~7.04~~	0.62~~0.52~~	0.31~~0.66~~	690~~314~~	685~~586~~	129~~730~~	1504~~1630~~	LOW~~LOW~~	735~~735~~
RU59~~JU31~~	9.12~~9.39~~	0.43~~0.84~~	0.60~~0.36~~	516~~530~~	371~~932~~	613~~165~~	1500~~1627~~	LOW~~LOW~~	736~~736~~
JM56~~JU77~~	8.67~~6.12~~	0.63~~0.38~~	0.42~~1.16~~	480~~221~~	714~~267~~	303~~1139~~	1497~~1627~~	LOW~~LOW~~	737~~737~~
PL16~~JM25~~	10.59~~7.73~~	0.43~~0.50~~	0.51~~0.63~~	626~~380~~	387~~566~~	483~~672~~	1496~~1618~~	LOW~~LOW~~	738~~738~~
JU31~~PS70~~	9.33~~8.13~~	0.79~~0.55~~	0.31~~0.56~~	531~~426~~	836~~657~~	120~~534~~	1487~~1617~~	LOW~~LOW~~	739~~739~~
JU45~~CM08~~	6.46~~9.13~~	0.36~~0.47~~	0.96~~0.60~~	286~~505~~	232~~487~~	969~~623~~	1487~~1615~~	LOW~~LOW~~	740~~740~~
RU67~~JM12~~	9.17~~9.27~~	0.46~~0.49~~	0.53~~0.57~~	521~~514~~	451~~531~~	515~~566~~	1487~~1611~~	LOW~~LOW~~	741~~741~~
JU14~~RU37~~	10.54~~9.09~~	0.72~~0.50~~	0.26~~0.57~~	620~~500~~	795~~547~~	665~~63~~	1481~~1610~~	LOW~~LOW~~	742~~742~~
JA29~~PL22~~	10.90~~11.01~~	0.60~~0.52~~	0.33~~0.45~~	648~~687~~	661~~599~~	169~~317~~	1478~~1603~~	LOW~~LOW~~	743~~743~~
PL28~~JU67~~	10.02~~7.25~~	0.61~~0.51~~	0.37~~0.63~~	580~~342~~	675~~572~~	221~~684~~	1476~~1598~~	LOW~~LOW~~	744~~744~~

JU68~~NE56~~	9.77~~9.82~~	0.79~~0.41~~	0.27~~0.63~~	559~~573~~	834~~342~~	79~~680~~	1472~~1595~~	LOW~~LOW~~	745~~745~~
JR13~~JU09~~	7.18~~10.23~~	0.42~~0.70~~	0.72~~0.34~~	346~~610~~	353~~853~~	772~~131~~	1471~~1594~~	LOW~~LOW~~	746~~746~~
YO19~~RD45~~	8.74~~8.60~~	0.58~~0.45~~	0.45~~0.64~~	492~~465~~	635~~436~~	341~~693~~	1468~~1594~~	LOW~~LOW~~	747~~747~~
JM26~~TH39~~	7.04~~5.84~~	0.49~~0.36~~	0.61~~1.47~~	333~~180~~	509~~219~~	625~~1192~~	1467~~1591~~	LOW~~LOW~~	748~~748~~
PS83~~JM10~~	11.10~~9.56~~	0.48~~0.43~~	0.43~~0.62~~	672~~549~~	479~~385~~	316~~655~~	1467~~1589~~	LOW~~LOW~~	749~~749~~
NE57~~RA71~~	8.45~~12.51~~	0.44~~0.44~~	0.58~~0.47~~	461~~798~~	417~~429~~	583~~357~~	1461~~1584~~	LOW~~LOW~~	750~~750~~
JM47~~JU76~~	7.33~~8.24~~	0.44~~0.51~~	0.65~~0.57~~	360~~431~~	421~~584~~	676~~565~~	1457~~1580~~	LOW~~LOW~~	751~~751~~
RD23~~TH23~~	8.05~~5.76~~	0.38~~0.38~~	0.70~~1.20~~	426~~169~~	282~~259~~	749~~1151~~	1457~~1579~~	LOW~~LOW~~	752~~752~~
PU19~~PS83~~	11.41~~11.61~~	0.48~~0.55~~	0.40~~0.38~~	698~~734~~	484~~653~~	271~~191~~	1453~~1578~~	LOW~~LOW~~	753~~753~~
RD53~~TC17~~	8.71~~6.82~~	0.47~~0.35~~	0.53~~1.04~~	486~~300~~	461~~187~~	506~~1091~~	1453~~1578~~	LOW~~LOW~~	754~~754~~
JM55~~PL12~~	8.32~~9.70~~	0.62~~0.43~~	0.42~~0.61~~	451~~562~~	691~~380~~	307~~631~~	1449~~1573~~	LOW~~LOW~~	755~~755~~
RU33~~RU88~~	8.72~~8.65~~	0.43~~0.45~~	0.57~~0.61~~	487~~470~~	394~~453~~	568~~642~~	1449~~1565~~	LOW~~LOW~~	756~~756~~
JU07~~PS78~~	10.67~~8.29~~	0.74~~0.53~~	0.12~~0.55~~	636~~437~~	805~~611~~	6~~516~~	1447~~1564~~	LOW~~LOW~~	757~~757~~
NE58~~PL02~~	8.03~~10.90~~	0.38~~0.41~~	0.69~~0.56~~	424~~679~~	283~~341~~	735~~541~~	1442~~1561~~	LOW~~LOW~~	758~~758~~
RU61~~YO23~~	10.33~~8.16~~	0.47~~0.38~~	0.47~~0.77~~	601~~427~~	457~~268~~	384~~861~~	1442~~1556~~	LOW~~LOW~~	759~~759~~
RU25~~RU30~~	7.31~~9.56~~	0.39~~0.46~~	0.73~~0.56~~	355~~548~~	295~~463~~	790~~540~~	1440~~1551~~	LOW~~LOW~~	760~~760~~

JM40~~PS87~~	7.90~~16.08~~	0.52~~0.49~~	0.50~~0.30~~	414~~944~~	559~~522~~	465~~84~~	1438~~1550~~	LOW~~LOW~~	761~~761~~
RU05~~RD77~~	6.83~~8.83~~	0.48~~0.45~~	0.63~~0.60~~	314~~483~~	475~~441~~	649~~626~~	1438~~1550~~	LOW~~LOW~~	762~~762~~
JM59~~RU82~~	9.04~~9.35~~	0.54~~0.46~~	0.45~~0.57~~	508~~524~~	586~~476~~	343~~550~~	1437~~1550~~	LOW~~LOW~~	763~~763~~
TC14~~BS30~~	6.60~~6.23~~	0.43~~0.46~~	0.71~~0.75~~	300~~238~~	372~~469~~	764~~838~~	1436~~1545~~	LOW~~LOW~~	764~~764~~
RD55~~PL13~~	9.34~~9.50~~	0.51~~0.55~~	0.45~~0.46~~	532~~542~~	537~~671~~	362~~329~~	1431~~1542~~	LOW~~LOW~~	765~~765~~
PS70~~BS21~~	7.47~~5.49~~	0.52~~0.41~~	0.53~~1.00~~	372~~134~~	551~~334~~	502~~1073~~	1425~~1541~~	LOW~~LOW~~	766~~766~~
PL22~~YO66~~	9.85~~11.13~~	0.54~~0.42~~	0.40~~0.53~~	567~~691~~	578~~364~~	279~~486~~	1424~~1541~~	LOW~~LOW~~	767~~767~~
PL18~~JU47~~	13.56~~6.79~~	0.54~~0.39~~	0.23~~0.85~~	795~~299~~	587~~282~~	399~~59~~	1421~~1540~~	LOW~~LOW~~	768~~768~~
RA33~~JU55~~	6.85~~7.20~~	0.35~~0.46~~	0.85~~0.67~~	316~~336~~	200~~465~~	903~~737~~	1419~~1538~~	LOW~~LOW~~	769~~769~~
TH40~~JR15~~	5.05~~6.78~~	0.37~~0.41~~	1.14~~0.78~~	105~~297~~	244~~355~~	106~~9884~~	1418~~1536~~	LOW~~LOW~~	770~~770~~
TH36~~BS29~~	5.11~~6.93~~	0.37~~0.44~~	1.10~~0.73~~	117~~307~~	242~~411~~	105~~7815~~	1416~~1533~~	LOW~~LOW~~	771~~771~~
RL22~~RU34~~	7.88~~8.94~~	0.44~~0.49~~	0.58~~0.54~~	412~~487~~	410~~535~~	590~~510~~	1412~~1532~~	LOW~~LOW~~	772~~772~~
NE18~~RD40~~	6.92~~9.22~~	0.50~~0.39~~	0.57~~0.66~~	325~~511~~	518~~299~~	566~~721~~	1409~~1531~~	LOW~~LOW~~	773~~773~~
NE25~~JU39~~	8.61~~6.64~~	0.44~~0.50~~	0.54~~0.64~~	477~~280~~	404~~562~~	525~~688~~	1406~~1530~~	LOW~~LOW~~	774~~774~~
JM19~~NE21~~	8.17~~7.58~~	0.64~~0.45~~	0.38~~0.65~~	440~~371~~	720~~449~~	241~~709~~	1401~~1529~~	LOW~~LOW~~	775~~775~~
JU11~~PU10~~	8.78~~7.92~~	0.63~~0.50~~	0.35~~0.58~~	495~~407~~	710~~550~~	196~~571~~	1401~~1528~~	LOW~~LOW~~	776~~776~~

RD22~~CU30~~	7.62~~13.62~~	0.41~~0.53~~	0.64~~0.22~~	390~~858~~	345~~625~~	666~~30~~	1401~~1513~~	LOW~~LOW~~	777~~777~~
BS21~~JU13~~	5.47~~9.46~~	0.38~~0.66~~	0.97~~0.35~~	151~~539~~	279~~829~~	970~~145~~	1400~~1513~~	LOW~~LOW~~	778~~778~~
RU62~~JM51~~	9.78~~8.45~~	0.55~~0.45~~	0.39~~0.59~~	561~~448~~	590~~451~~	248~~611~~	1399~~1510~~	LOW~~LOW~~	779~~779~~
PS78~~JU07~~	7.69~~10.28~~	0.49~~0.75~~	0.52~~0.15~~	396~~613~~	499~~886~~	497~~11~~	1392~~1510~~	LOW~~LOW~~	780~~780~~
JM14~~RD52~~	6.73~~9.13~~	0.44~~0.51~~	0.64~~0.51~~	307~~504~~	418~~576~~	661~~424~~	1386~~1504~~	LOW~~LOW~~	781~~781~~
RL04~~RD32~~	7.81~~8.48~~	0.33~~0.44~~	0.78~~0.60~~	410~~450~~	140~~433~~	835~~620~~	1385~~1503~~	LOW~~LOW~~	782~~782~~
JU10~~RA32~~	7.63~~6.86~~	0.53~~0.39~~	0.49~~0.81~~	391~~302~~	567~~287~~	423~~913~~	1381~~1502~~	LOW~~LOW~~	783~~783~~
TC11~~JM21~~	6.05~~6.44~~	0.40~~0.47~~	0.77~~0.68~~	234~~260~~	312~~479~~	829~~762~~	1375~~1501~~	LOW~~LOW~~	784~~784~~
BS20~~JM69~~	5.57~~8.57~~	0.40~~0.54~~	0.85~~0.50~~	163~~459~~	307~~635~~	898~~407~~	1368~~1501~~	LOW~~LOW~~	785~~785~~
JM16~~PU22~~	8.29~~9.39~~	0.56~~0.48~~	0.42~~0.52~~	447~~531~~	616~~500~~	302~~467~~	1365~~1498~~	LOW~~LOW~~	786~~786~~
BS23~~YA06~~	5.80~~6.64~~	0.41~~0.42~~	0.77~~0.76~~	193~~283~~	341~~362~~	828~~853~~	1362~~1498~~	LOW~~LOW~~	787~~787~~
PL44~~JU68~~	11.27~~9.35~~	0.51~~0.67~~	0.32~~0.34~~	689~~525~~	539~~835~~	134~~137~~	1362~~1497~~	LOW~~LOW~~	788~~788~~
JR15~~PL42~~	6.68~~11.43~~	0.47~~0.50~~	0.58~~0.40~~	305~~718~~	466~~546~~	578~~227~~	1349~~1491~~	LOW~~LOW~~	789~~789~~
RD52~~RA70~~	8.78~~11.44~~	0.48~~0.43~~	0.45~~0.48~~	496~~719~~	488~~388~~	361~~382~~	1345~~1489~~	LOW~~LOW~~	790~~790~~
CU08~~RL21~~	9.79~~7.78~~	0.39~~0.42~~	0.51~~0.67~~	562~~385~~	297~~357~~	484~~741~~	1343~~1483~~	LOW~~LOW~~	791~~791~~
TC28~~RU73~~	7.80~~8.49~~	0.44~~0.41~~	0.53~~0.64~~	409~~451~~	419~~332~~	513~~699~~	1341~~1482~~	LOW~~LOW~~	792~~792~~

TH27~~TP05~~	5.67~~8.45~~	0.36~~0.54~~	0.90~~0.49~~	174~~447~~	225~~650~~	939~~385~~	1338~~1482~~	LOW~~LOW~~	793~~793~~
RU65~~BS20~~	8.61~~5.38~~	0.52~~0.42~~	0.43~~0.89~~	475~~120~~	543~~365~~	319~~994~~	1337~~1479~~	LOW~~LOW~~	794~~794~~
PL20~~NE42~~	11.30~~6.51~~	0.46~~0.44~~	0.35~~0.72~~	691~~270~~	447~~406~~	197~~803~~	1335~~1479~~	LOW~~LOW~~	795~~795~~
RU77~~BS28~~	8.09~~7.05~~	0.52~~0.48~~	0.44~~0.62~~	435~~315~~	558~~511~~	334~~651~~	1327~~1477~~	LOW~~LOW~~	796~~796~~
YO03~~JM18~~	7.85~~8.80~~	0.46~~0.51~~	0.51~~0.50~~	411~~481~~	442~~580~~	472~~415~~	1325~~1476~~	LOW~~LOW~~	797~~797~~
CU05~~BS23~~	9.08~~5.67~~	0.47~~0.43~~	0.45~~0.81~~	512~~158~~	459~~397~~	348~~917~~	1319~~1472~~	LOW~~LOW~~	798~~798~~
JA15~~JR18~~	8.57~~8.65~~	0.43~~0.50~~	0.51~~0.52~~	474~~472~~	370~~542~~	475~~456~~	1319~~1470~~	LOW~~LOW~~	799~~799~~
PL07~~BS25~~	9.43~~5.46~~	0.35~~0.41~~	0.58~~0.89~~	543~~131~~	184~~347~~	591~~987~~	1318~~1465~~	LOW~~LOW~~	800~~800~~
BS01~~TH41~~	5.07~~5.42~~	0.38~~0.38~~	0.87~~1.00~~	111~~125~~	281~~265~~	923~~1072~~	1315~~1462~~	LOW~~LOW~~	801~~801~~
JA22~~PS38~~	7.18~~7.56~~	0.44~~0.65~~	0.57~~0.42~~	345~~369~~	400~~821~~	569~~264~~	1314~~1454~~	LOW~~LOW~~	802~~802~~
PS45~~TC20~~	6.97~~11.23~~	0.49~~0.49~~	0.51~~0.40~~	328~~704~~	508~~525~~	477~~225~~	1313~~1454~~	LOW~~LOW~~	803~~803~~
RL06~~TC15~~	7.55~~6.40~~	0.31~~0.36~~	0.77~~0.87~~	383~~255~~	972~~22~~	833~~976~~	1313~~1453~~	LOW~~LOW~~	804~~804~~
JM52~~RD76~~	8.08~~7.42~~	0.58~~0.40~~	0.38~~0.69~~	432~~359~~	632~~315~~	243~~776~~	1307~~1450~~	LOW~~LOW~~	805~~805~~
PL21~~JA06~~	11.69~~9.90~~	0.48~~0.55~~	0.30~~0.38~~	715~~585~~	474~~668~~	115~~196~~	1304~~1449~~	LOW~~LOW~~	806~~806~~
PU22~~RD47~~	8.95~~9.28~~	0.44~~0.48~~	0.47~~0.50~~	504~~515~~	413~~515~~	386~~418~~	1303~~1448~~	LOW~~LOW~~	807~~807~~
JU58~~RU80~~	6.09~~9.56~~	0.45~~0.47~~	0.61~~0.50~~	240~~547~~	438~~490~~	620~~411~~	1298~~1448~~	LOW~~LOW~~	808~~808~~

NE08~~PL57~~	6.33~~8.22~~	0.44~~0.43~~	0.61~~0.58~~	263~~428~~	408~~360~~	622~~659~~	1293~~1447~~	LOW~~LOW~~	809~~809~~
PU18~~NE15~~	10.53~~6.42~~	0.43~~0.40~~	0.42~~0.78~~	619~~258~~	374~~307~~	298~~879~~	1291~~1444~~	LOW~~LOW~~	810~~810~~
RU04~~BS01~~	6.61~~5.51~~	0.42~~0.34~~	0.61~~1.19~~	301~~136~~	363~~156~~	624~~1145~~	1288~~1437~~	LOW~~LOW~~	811~~811~~
RU64~~JU10~~	9.16~~8.08~~	0.46~~0.56~~	0.43~~0.46~~	520~~420~~	453~~685~~	313~~332~~	1286~~1437~~	LOW~~LOW~~	812~~812~~
PL48~~TH27~~	8.56~~6.05~~	0.42~~0.38~~	0.49~~0.86~~	472~~209~~	367~~253~~	443~~972~~	1282~~1434~~	LOW~~LOW~~	813~~813~~
NE21~~NE08~~	6.81~~6.29~~	0.43~~0.41~~	0.57~~0.76~~	311~~244~~	397~~335~~	570~~854~~	1278~~1433~~	LOW~~LOW~~	814~~814~~
PU14~~BS07~~	7.80~~6.25~~	0.43~~0.29~~	0.52~~1.12~~	407~~240~~	379~~67~~	491~~1124~~	1277~~1431~~	LOW~~LOW~~	815~~815~~
RA04~~PU19~~	8.07~~11.25~~	0.44~~0.52~~	0.49~~0.33~~	431~~706~~	409~~600~~	433~~122~~	1273~~1428~~	LOW~~LOW~~	816~~816~~
JA04~~RD41~~	7.73~~8.35~~	0.47~~0.43~~	0.48~~0.59~~	401~~440~~	463~~383~~	405~~600~~	1269~~1423~~	LOW~~LOW~~	817~~817~~
RD62~~PU14~~	7.71~~8.68~~	0.40~~0.49~~	0.54~~0.51~~	399~~477~~	328~~520~~	535~~423~~	1262~~1420~~	LOW~~LOW~~	818~~818~~
PL05~~PL03~~	9.40~~10.59~~	0.40~~0.35~~	0.48~~0.58~~	537~~646~~	318~~184~~	403~~588~~	1258~~1418~~	LOW~~LOW~~	819~~819~~
TC10~~RU65~~	5.64~~9.14~~	0.36~~0.50~~	0.81~~0.47~~	173~~506~~	224~~552~~	859~~358~~	1256~~1416~~	LOW~~LOW~~	820~~820~~
NE85~~NE10~~	6.98~~6.16~~	0.50~~0.39~~	0.48~~0.79~~	329~~224~~	510~~298~~	414~~893~~	1253~~1415~~	LOW~~LOW~~	821~~821~~
YA03~~JU78~~	6.45~~6.52~~	0.36~~0.45~~	0.69~~0.64~~	281~~272~~	236~~448~~	736~~692~~	1253~~1412~~	LOW~~LOW~~	822~~822~~
JU38~~JM66~~	7.17~~9.57~~	0.62~~0.53~~	0.36~~0.41~~	344~~551~~	697~~603~~	207~~252~~	1248~~1406~~	LOW~~LOW~~	823~~823~~
PU11~~NE57~~	8.14~~8.43~~	0.46~~0.42~~	0.45~~0.58~~	437~~444~~	454~~369~~	356~~591~~	1247~~1404~~	LOW~~LOW~~	824~~824~~

NE56~~YA07~~	8.73~~6.64~~	0.36~~0.40~~	0.54~~0.72~~	490~~282~~	233~~323~~	523~~799~~	1246~~1404~~	LOW~~LOW~~	825~~825~~
NE54~~BS27~~	7.45~~5.78~~	0.42~~0.33~~	0.53~~1.01~~	368~~175~~	368~~151~~	509~~1077~~	1245~~1403~~	LOW~~LOW~~	826~~826~~
BS33~~PL46~~	5.96~~9.73~~	0.41~~0.50~~	0.65~~0.43~~	222~~566~~	346~~544~~	675~~290~~	1243~~1400~~	LOW~~LOW~~	827~~827~~
JM18~~RD43~~	7.52~~7.84~~	0.55~~0.41~~	0.39~~0.62~~	381~~396~~	606~~348~~	255~~654~~	1242~~1398~~	LOW~~LOW~~	828~~828~~
RD41~~JM04~~	8.64~~6.01~~	0.36~~0.46~~	0.56~~0.67~~	479~~201~~	210~~460~~	547~~736~~	1236~~1397~~	LOW~~LOW~~	829~~829~~
RU34~~JM31~~	7.99~~7.50~~	0.44~~0.45~~	0.47~~0.58~~	421~~364~~	424~~439~~	391~~594~~	1236~~1397~~	LOW~~LOW~~	830~~830~~
JR12~~BS06~~	7.67~~5.92~~	0.53~~0.27~~	0.40~~1.21~~	394~~187~~	564~~52~~	277~~1156~~	1235~~1395~~	LOW~~LOW~~	831~~831~~
JM31~~JA10~~	6.95~~9.78~~	0.51~~0.50~~	0.46~~0.43~~	326~~569~~	535~~541~~	370~~284~~	1231~~1394~~	LOW~~LOW~~	832~~832~~
TH29~~CU21~~	5.74~~7.03~~	0.34~~0.35~~	0.83~~0.79~~	183~~312~~	167~~185~~	881~~894~~	1231~~1391~~	LOW~~LOW~~	833~~833~~
PL30~~JA18~~	9.24~~8.54~~	0.55~~0.52~~	0.28~~0.47~~	527~~457~~	605~~593~~	98~~341~~	1230~~1391~~	LOW~~LOW~~	834~~834~~
RU11~~JA08~~	6.86~~9.91~~	0.45~~0.53~~	0.51~~0.37~~	317~~586~~	437~~617~~	474~~185~~	1228~~1388~~	LOW~~LOW~~	835~~835~~
JU65~~RA68~~	8.02~~11.89~~	0.50~~0.42~~	0.41~~0.42~~	423~~758~~	515~~360~~	286~~268~~	1224~~1386~~	LOW~~LOW~~	836~~836~~
PL26~~YA03~~	10.00~~6.73~~	0.57~~0.39~~	0.19~~0.71~~	579~~293~~	620~~289~~	25~~797~~	1224~~1379~~	LOW~~LOW~~	837~~837~~
TC18~~RU04~~	6.78~~7.16~~	0.46~~0.43~~	0.51~~0.61~~	310~~330~~	441~~399~~	471~~648~~	1222~~1377~~	LOW~~LOW~~	838~~838~~
TH15~~PU11~~	9.41~~8.65~~	0.35~~0.54~~	0.52~~0.41~~	538~~471~~	195~~645~~	488~~257~~	1221~~1373~~	LOW~~LOW~~	839~~839~~
RD50~~BS19~~	8.45~~5.35~~	0.47~~0.39~~	0.42~~0.85~~	463~~118~~	460~~286~~	297~~968~~	1220~~1372~~	LOW~~LOW~~	840~~840~~

CM10~~CU05~~	8.84~~9.46~~	0.46~~0.50~~	0.40~~0.43~~	500~~540~~	446~~553~~	273~~278~~	1219~~1371~~	LOW~~LOW~~	841~~841~~
JM43~~PL43~~	7.09~~10.79~~	0.41~~0.44~~	0.56~~0.44~~	338~~663~~	335~~408~~	544~~297~~	1217~~1368~~	LOW~~LOW~~	842~~842~~
PS87~~TH36~~	14.50~~4.94~~	0.34~~0.36~~	0.35~~1.04~~	836~~73~~	179~~207~~	202~~1088~~	1217~~1368~~	LOW~~LOW~~	843~~843~~
CU01~~JM16~~	7.89~~8.52~~	0.53~~0.49~~	0.38~~0.48~~	413~~454~~	568~~529~~	235~~383~~	1216~~1366~~	LOW~~LOW~~	844~~844~~
JU75~~JA30~~	7.03~~9.79~~	0.52~~0.51~~	0.44~~0.39~~	332~~570~~	554~~581~~	323~~213~~	1209~~1364~~	LOW~~LOW~~	845~~845~~
JM39~~RD23~~	6.16~~7.75~~	0.34~~0.39~~	0.73~~0.64~~	248~~381~~	174~~291~~	784~~690~~	1206~~1362~~	LOW~~LOW~~	846~~846~~
RU26~~JA37~~	6.54~~7.34~~	0.38~~0.36~~	0.62~~0.71~~	295~~355~~	269~~208~~	642~~795~~	1206~~1358~~	LOW~~LOW~~	847~~847~~
JU77~~JM26~~	4.96~~7.10~~	0.27~~0.46~~	1.16~~0.57~~	893~~23~~	404~~75~~	107~~4560~~	1203~~1358~~	LOW~~LOW~~	848~~848~~
RD21~~PU18~~	6.76~~10.79~~	0.39~~0.47~~	0.58~~0.38~~	308~~664~~	303~~491~~	592~~202~~	1203~~1357~~	LOW~~LOW~~	849~~849~~
NE69~~RU33~~	5.99~~8.78~~	0.34~~0.44~~	0.75~~0.52~~	227~~480~~	156~~413~~	815~~462~~	1198~~1355~~	LOW~~LOW~~	850~~850~~
JU64~~BS15~~	5.95~~5.95~~	0.26~~0.31~~	0.91~~0.98~~	219~~194~~	341~~01~~	944~~1057~~	1197~~1352~~	LOW~~LOW~~	851~~851~~
CM02~~PL47~~	7.51~~8.45~~	0.47~~0.44~~	0.45~~0.53~~	379~~446~~	465~~426~~	350~~479~~	1194~~1351~~	LOW~~LOW~~	852~~852~~
PS29~~TH40~~	8.49~~4.76~~	0.63~~0.34~~	0.16~~1.13~~	466~~57~~	708~~166~~	161~~125~~	1190~~1348~~	LOW~~LOW~~	853~~853~~
JA07~~PL23~~	8.31~~7.84~~	0.48~~0.50~~	0.39~~0.49~~	450~~395~~	483~~554~~	252~~397~~	1185~~1346~~	LOW~~LOW~~	854~~854~~
YO01~~RU11~~	7.93~~7.72~~	0.49~~0.39~~	0.40~~0.63~~	416~~379~~	503~~280~~	266~~683~~	1185~~1342~~	LOW~~LOW~~	855~~855~~
RD25~~RU08~~	6.96~~8.07~~	0.34~~0.44~~	0.67~~0.54~~	327~~419~~	163~~423~~	693~~498~~	1183~~1340~~	LOW~~LOW~~	856~~856~~

JR02~~BS03~~	6.40~~6.01~~	0.31~~0.33~~	0.75~~0.90~~	273~~202~~	101~~137~~	808~~1000~~	1182~~1339~~	LOW~~LOW~~	857~~857~~
JU13~~NE04~~	8.30~~5.66~~	0.61~~0.34~~	0.25~~0.91~~	449~~157~~	681~~177~~	52~~1005~~	1182~~1339~~	LOW~~LOW~~	858~~858~~
CU02~~JU53~~	7.49~~7.14~~	0.33~~0.49~~	0.63~~0.53~~	374~~329~~	150~~519~~	653~~489~~	1177~~1337~~	LOW~~LOW~~	859~~859~~
NE53~~RD51~~	6.67~~8.73~~	0.43~~0.47~~	0.52~~0.47~~	304~~479~~	375~~492~~	494~~363~~	1173~~1334~~	LOW~~LOW~~	860~~860~~
BS24~~CU02~~	5.79~~8.27~~	0.40~~0.41~~	0.63~~0.57~~	190~~433~~	324~~344~~	656~~555~~	1170~~1332~~	LOW~~LOW~~	861~~861~~
RL03~~TH11~~	7.56~~6.12~~	0.35~~0.41~~	0.58~~0.70~~	385~~219~~	203~~329~~	582~~784~~	1170~~1332~~	LOW~~LOW~~	862~~862~~
JU55~~JA38~~	6.00~~7.26~~	0.44~~0.34~~	0.55~~0.75~~	228~~344~~	403~~154~~	536~~833~~	1167~~1331~~	LOW~~LOW~~	863~~863~~
JM10~~TC14~~	7.97~~6.34~~	0.34~~0.43~~	0.57~~0.64~~	420~~251~~	183~~376~~	563~~704~~	1166~~1331~~	LOW~~LOW~~	864~~864~~
JA30~~JR02~~	8.51~~6.64~~	0.50~~0.36~~	0.34~~0.74~~	467~~281~~	516~~224~~	178~~825~~	1161~~1330~~	LOW~~LOW~~	865~~865~~
NE10~~TH05~~	5.94~~4.86~~	0.41~~0.30~~	0.59~~1.44~~	217~~67~~	343~~73~~	600~~1190~~	1160~~1330~~	LOW~~LOW~~	866~~866~~
TH09~~RU83~~	6.12~~9.60~~	0.30~~0.53~~	0.78~~0.36~~	246~~557~~	75~~604~~	839~~164~~	1160~~1325~~	LOW~~LOW~~	867~~867~~
RU63~~TC11~~	8.79~~6.02~~	0.45~~0.39~~	0.37~~0.76~~	497~~204~~	431~~275~~	226~~843~~	1154~~1322~~	LOW~~LOW~~	868~~868~~
JU74~~JM73~~	7.44~~8.67~~	0.36~~0.45~~	0.56~~0.50~~	366~~474~~	228~~438~~	557~~408~~	1151~~1320~~	LOW~~LOW~~	869~~869~~
NE15~~YO38~~	5.79~~10.23~~	0.39~~0.46~~	0.64~~0.41~~	192~~609~~	288~~464~~	671~~246~~	1151~~1319~~	LOW~~LOW~~	870~~870~~
NE31~~CU03~~	8.45~~8.98~~	0.44~~0.44~~	0.40~~0.49~~	462~~489~~	414~~430~~	274~~396~~	1150~~1315~~	LOW~~LOW~~	871~~871~~
JR08~~TH19~~	6.45~~8.85~~	0.37~~0.23~~	0.60~~0.72~~	285~~484~~	239~~21~~	617~~807~~	1141~~1312~~	LOW~~LOW~~	872~~872~~

RD39~~JM57~~	6.66~~8.40~~	0.28~~0.44~~	0.73~~0.51~~	303~~443~~	53~~427~~	782~~436~~	1138~~1306~~	LOW~~LOW~~	873~~873~~
TH35~~RU31~~	5.08~~9.00~~	0.38~~0.43~~	0.70~~0.50~~	112~~492~~	266~~393~~	759~~417~~	1137~~1302~~	LOW~~LOW~~	874~~874~~
JM51~~PL56~~	7.08~~9.84~~	0.37~~0.44~~	0.54~~0.44~~	337~~575~~	261~~418~~	528~~308~~	1126~~1301~~	LOW~~LOW~~	875~~875~~
YA01~~BS17~~	6.88~~5.63~~	0.36~~0.31~~	0.57~~0.98~~	323~~155~~	230~~87~~	573~~1058~~	1126~~1300~~	LOW~~LOW~~	876~~876~~
PS12~~JM71~~	7.31~~8.19~~	0.34~~0.45~~	0.60~~0.50~~	356~~429~~	161~~442~~	607~~421~~	1124~~1292~~	LOW~~LOW~~	877~~877~~
JU48~~PU15~~	6.35~~7.27~~	0.36~~0.50~~	0.62~~0.49~~	269~~346~~	216~~556~~	638~~390~~	1123~~1292~~	LOW~~LOW~~	878~~878~~
RD03~~PS45~~	6.35~~7.16~~	0.36~~0.52~~	0.60~~0.48~~	267~~331~~	237~~585~~	618~~373~~	1122~~1289~~	LOW~~LOW~~	879~~879~~
JR17~~NE85~~	7.12~~7.21~~	0.36~~0.45~~	0.56~~0.54~~	340~~337~~	226~~444~~	551~~503~~	1117~~1284~~	LOW~~LOW~~	880~~880~~
NE13~~RD03~~	5.68~~6.43~~	0.36~~0.38~~	0.68~~0.69~~	178~~259~~	229~~251~~	708~~773~~	1115~~1283~~	LOW~~LOW~~	881~~881~~
JR18~~YO08~~	7.56~~7.07~~	0.40~~0.40~~	0.48~~0.61~~	384~~319~~	311~~312~~	419~~647~~	1114~~1278~~	LOW~~LOW~~	882~~882~~
PL46~~NE53~~	7.95~~6.76~~	0.49~~0.41~~	0.35~~0.61~~	418~~295~~	500~~345~~	195~~635~~	1113~~1275~~	LOW~~LOW~~	883~~883~~
TH22~~BS33~~	7.55~~5.80~~	0.23~~0.41~~	0.68~~0.67~~	382~~176~~	16~~346~~	707~~745~~	1105~~1267~~	LOW~~LOW~~	884~~884~~
NE82~~TH29~~	6.41~~5.91~~	0.41~~0.36~~	0.52~~0.77~~	275~~186~~	339~~212~~	489~~865~~	1103~~1263~~	LOW~~LOW~~	885~~885~~
JU82~~YO40~~	5.49~~8.60~~	0.40~~0.44~~	0.61~~0.49~~	155~~466~~	314~~403~~	633~~389~~	1102~~1258~~	LOW~~LOW~~	886~~886~~
JM22~~JU45~~	6.56~~6.22~~	0.44~~0.39~~	0.47~~0.67~~	297~~235~~	416~~278~~	388~~743~~	1101~~1256~~	LOW~~LOW~~	887~~887~~
RA25~~JU74~~	6.45~~8.02~~	0.35~~0.38~~	0.61~~0.58~~	282~~413~~	198~~252~~	621~~585~~	1101~~1250~~	LOW~~LOW~~	888~~888~~

RA01~~TC10~~	6.78~~5.56~~	0.47~~0.36~~	0.43~~0.79~~	309~~142~~	469~~216~~	321~~891~~	1099~~1249~~	LOW~~LOW~~	889~~889~~
BS17~~RU71~~	5.29~~8.13~~	0.37~~0.39~~	0.68~~0.56~~	133~~425~~	247~~281~~	712~~542~~	1092~~1248~~	LOW~~LOW~~	890~~890~~
JU19~~NE54~~	7.68~~7.36~~	0.55~~0.41~~	0.28~~0.57~~	395~~356~~	603~~340~~	89~~551~~	1087~~1247~~	LOW~~LOW~~	891~~891~~
RD16~~RU63~~	6.08~~9.84~~	0.31~~0.48~~	0.70~~0.36~~	239~~576~~	98~~508~~	745~~157~~	1082~~1241~~	LOW~~LOW~~	892~~892~~
TH11~~JU19~~	5.68~~8.59~~	0.40~~0.59~~	0.59~~0.26~~	175~~463~~	310~~724~~	597~~52~~	1082~~1239~~	LOW~~LOW~~	893~~893~~
NE34~~TH09~~	6.34~~6.31~~	0.40~~0.34~~	0.53~~0.75~~	265~~248~~	304~~159~~	511~~832~~	1080~~1239~~	LOW~~LOW~~	894~~894~~
PL56~~JM19~~	8.81~~7.77~~	0.43~~0.44~~	0.35~~0.51~~	498~~383~~	383~~424~~	192~~429~~	1073~~1236~~	LOW~~LOW~~	895~~895~~
PL43~~RD56~~	9.42~~8.67~~	0.41~~0.50~~	0.34~~0.39~~	541~~476~~	347~~539~~	182~~216~~	1070~~1231~~	LOW~~LOW~~	896~~896~~
RU13~~BS24~~	7.31~~5.74~~	0.36~~0.42~~	0.53~~0.64~~	357~~168~~	206~~366~~	507~~696~~	1070~~1230~~	LOW~~LOW~~	897~~897~~
TH19~~NE12~~	8.35~~6.56~~	0.28~~0.38~~	0.57~~0.64~~	455~~273~~	49~~258~~	560~~698~~	1064~~1229~~	LOW~~LOW~~	898~~898~~
TC13~~RA25~~	7.14~~6.94~~	0.42~~0.43~~	0.45~~0.56~~	342~~309~~	357~~375~~	364~~544~~	1063~~1228~~	LOW~~LOW~~	899~~899~~
RL09~~JU23~~	7.50~~7.80~~	0.33~~0.41~~	0.55~~0.53~~	377~~388~~	144~~354~~	541~~483~~	1062~~1225~~	LOW~~LOW~~	900~~900~~
JU69~~NE69~~	8.52~~6.22~~	0.40~~0.38~~	0.40~~0.65~~	469~~236~~	327~~273~~	265~~716~~	1061~~1225~~	LOW~~LOW~~	901~~901~~
BS22~~PS73~~	5.91~~6.60~~	0.42~~0.43~~	0.52~~0.57~~	213~~279~~	351~~386~~	496~~557~~	1060~~1222~~	LOW~~LOW~~	902~~902~~
JR11~~RU25~~	6.34~~7.09~~	0.44~~0.37~~	0.47~~0.62~~	264~~320~~	411~~238~~	385~~662~~	1060~~1220~~	LOW~~LOW~~	903~~903~~
YA05~~PS48~~	5.90~~5.58~~	0.38~~0.34~~	0.57~~0.79~~	211~~147~~	275~~179~~	572~~892~~	1058~~1218~~	LOW~~LOW~~	904~~904~~

PL49~~NE13~~	8.75~~5.97~~	0.37~~0.35~~	0.43~~0.74~~	493~~195~~	253~~191~~	311~~830~~	1057~~1216~~	LOW~~LOW~~	905~~905~~
RD38~~PL05~~	8.05~~9.29~~	0.38~~0.40~~	0.45~~0.48~~	428~~517~~	286~~320~~	342~~378~~	1056~~1215~~	LOW~~LOW~~	906~~906~~
NE06~~PS66~~	6.15~~6.51~~	0.42~~0.39~~	0.50~~0.62~~	247~~269~~	362~~297~~	446~~649~~	1055~~1215~~	LOW~~LOW~~	907~~907~~
RD24~~TC28~~	7.49~~7.78~~	0.37~~0.44~~	0.48~~0.50~~	375~~384~~	262~~417~~	417~~412~~	1054~~1213~~	LOW~~LOW~~	908~~908~~
BS26~~JM30~~	6.02~~6.48~~	0.38~~0.35~~	0.55~~0.67~~	230~~263~~	277~~201~~	542~~748~~	1049~~1212~~	LOW~~LOW~~	909~~909~~
RD56~~JM52~~	7.93~~8.52~~	0.46~~0.47~~	0.35~~0.42~~	415~~455~~	440~~483~~	193~~271~~	1048~~1209~~	LOW~~LOW~~	910~~910~~
RU53~~JA35~~	7.96~~9.08~~	0.37~~0.48~~	0.46~~0.38~~	419~~499~~	256~~513~~	372~~190~~	1047~~1202~~	LOW~~LOW~~	911~~911~~
CU13~~CM10~~	7.70~~9.36~~	0.43~~0.49~~	0.39~~0.35~~	397~~527~~	395~~523~~	251~~150~~	1043~~1200~~	LOW~~LOW~~	912~~912~~
JU57~~NE09~~	5.33~~6.48~~	0.25~~0.34~~	0.83~~0.68~~	137~~267~~	27~~160~~	875~~766~~	1039~~1193~~	LOW~~LOW~~	913~~913~~
NE09~~RD65~~	6.25~~8.00~~	0.43~~0.41~~	0.47~~0.52~~	256~~410~~	385~~330~~	398~~452~~	1039~~1192~~	LOW~~LOW~~	914~~914~~
JU53~~RD16~~	6.03~~6.16~~	0.44~~0.32~~	0.47~~0.76~~	232~~223~~	420~~123~~	382~~845~~	1034~~1191~~	LOW~~LOW~~	915~~915~~
NE19~~CU20~~	5.94~~7.10~~	0.40~~0.32~~	0.52~~0.68~~	216~~322~~	313~~113~~	498~~754~~	1027~~1189~~	LOW~~LOW~~	916~~916~~
JM28~~JM60~~	5.61~~7.30~~	0.38~~0.40~~	0.59~~0.55~~	167~~348~~	264~~313~~	595~~528~~	1026~~1189~~	LOW~~LOW~~	917~~917~~
RA32~~PS72~~	5.76~~7.13~~	0.28~~0.48~~	0.73~~0.47~~	186~~328~~	54~~501~~	786~~360~~	1026~~1189~~	LOW~~LOW~~	918~~918~~
JA39~~BS11~~	8.29~~4.58~~	0.38~~0.34~~	0.42~~0.88~~	448~~44~~	273~~155~~	304~~985~~	1025~~1184~~	LOW~~LOW~~	919~~919~~
JU67~~CU01~~	6.87~~8.62~~	0.56~~0.47~~	0.28~~0.39~~	320~~468~~	610~~494~~	93~~220~~	1023~~1182~~	LOW~~LOW~~	920~~920~~

TH38~~BS04~~	4.67~~5.32~~	0.32~~0.37~~	0.80~~0.73~~	47~~116~~	121~~244~~	855~~820~~	1023~~1180~~	LOW~~LOW~~	921~~921~~
RD35~~JM43~~	7.46~~7.30~~	0.43~~0.39~~	0.40~~0.56~~	371~~351~~	380~~290~~	270~~538~~	1021~~1179~~	LOW~~LOW~~	922~~922~~
RD72~~NE06~~	8.22~~6.35~~	0.42~~0.39~~	0.37~~0.61~~	441~~253~~	356~~296~~	224~~628~~	1021~~1177~~	LOW~~LOW~~	923~~923~~
TC29~~YA05~~	9.25~~5.92~~	0.36~~0.37~~	0.40~~0.68~~	529~~190~~	217~~231~~	275~~755~~	1021~~1176~~	LOW~~LOW~~	924~~924~~
JM57~~RL15~~	6.86~~7.27~~	0.49~~0.33~~	0.36~~0.63~~	318~~345~~	497~~145~~	203~~681~~	1018~~1171~~	LOW~~LOW~~	925~~925~~
PL10~~RU67~~	8.26~~8.60~~	0.39~~0.40~~	0.41~~0.49~~	443~~467~~	291~~308~~	282~~395~~	1016~~1170~~	LOW~~LOW~~	926~~926~~
PS48~~RA73~~	5.22~~10.94~~	0.34~~0.39~~	0.69~~0.38~~	127~~681~~	159~~292~~	729~~188~~	1015~~1161~~	LOW~~LOW~~	927~~927~~
RU55~~RA01~~	7.43~~6.64~~	0.44~~0.43~~	0.38~~0.54~~	365~~284~~	407~~372~~	242~~504~~	1014~~1160~~	LOW~~LOW~~	928~~928~~
BS35~~RA05~~	5.48~~7.18~~	0.38~~0.41~~	0.57~~0.54~~	153~~332~~	284~~331~~	575~~496~~	1012~~1159~~	LOW~~LOW~~	929~~929~~
NE24~~RU61~~	6.20~~9.36~~	0.35~~0.42~~	0.57~~0.42~~	251~~529~~	199~~367~~	561~~263~~	1011~~1159~~	LOW~~LOW~~	930~~930~~
NE12~~TH22~~	6.28~~7.56~~	0.43~~0.22~~	0.46~~0.68~~	258~~368~~	376~~20~~	374~~763~~	1008~~1151~~	LOW~~LOW~~	931~~931~~
NE04~~NE61~~	5.35~~8.98~~	0.36~~0.36~~	0.61~~0.52~~	142~~490~~	235~~211~~	629~~447~~	1006~~1148~~	LOW~~LOW~~	932~~932~~
PU15~~RD62~~	6.84~~8.06~~	0.33~~0.42~~	0.56~~0.48~~	315~~418~~	133~~363~~	558~~366~~	1006~~1147~~	LOW~~LOW~~	933~~933~~
BS02~~NE07~~	5.02~~5.73~~	0.25~~0.35~~	0.83~~0.70~~	100~~166~~	24~~197~~	877~~783~~	1001~~1146~~	LOW~~LOW~~	934~~934~~
NE35~~RD59~~	5.68~~8.30~~	0.37~~0.46~~	0.57~~0.40~~	177~~438~~	250~~471~~	574~~228~~	1001~~1137~~	LOW~~LOW~~	935~~935~~
TC08~~JM27~~	6.99~~6.35~~	0.38~~0.40~~	0.48~~0.57~~	330~~252~~	268~~319~~	401~~564~~	999~~1135~~	LOW~~LOW~~	936~~936~~

RU56~~NE33~~	7.11~~6.72~~	0.41~~0.36~~	0.43~~0.61~~	339~~292~~	342~~209~~	317~~634~~	998~~1135~~	LOW~~LOW~~	937~~937~~
RU27~~JR12~~	6.42~~7.34~~	0.33~~0.48~~	0.58~~0.43~~	278~~354~~	139~~503~~	580~~277~~	997~~1134~~	LOW~~LOW~~	938~~938~~
JR01~~NE24~~	6.33~~6.71~~	0.33~~0.37~~	0.59~~0.59~~	262~~290~~	134~~241~~	599~~602~~	995~~1133~~	LOW~~LOW~~	939~~939~~
BS13~~BS22~~	4.66~~5.93~~	0.32~~0.44~~	0.77~~0.55~~	44~~191~~	122~~422~~	826~~515~~	992~~1128~~	LOW~~LOW~~	940~~940~~
BS18~~JA43~~	4.68~~9.25~~	0.33~~0.44~~	0.74~~0.39~~	50~~513~~	137~~404~~	803~~210~~	990~~1127~~	LOW~~LOW~~	941~~941~~
NE47~~NE36~~	7.05~~6.14~~	0.39~~0.38~~	0.45~~0.61~~	334~~222~~	300~~262~~	355~~638~~	989~~1122~~	LOW~~LOW~~	942~~942~~
PL11~~JM11~~	9.74~~7.49~~	0.35~~0.40~~	0.38~~0.52~~	554~~363~~	193~~305~~	240~~453~~	987~~1121~~	LOW~~LOW~~	943~~943~~
JM27~~NE25~~	5.80~~8.28~~	0.38~~0.43~~	0.53~~0.44~~	194~~434~~	274~~391~~	518~~296~~	986~~1121~~	LOW~~LOW~~	944~~944~~
RU07~~PL11~~	6.83~~10.36~~	0.40~~0.38~~	0.45~~0.40~~	312~~623~~	317~~264~~	357~~234~~	986~~1121~~	LOW~~LOW~~	945~~945~~
RD11~~NE62~~	6.47~~6.79~~	0.37~~0.40~~	0.49~~0.54~~	287~~298~~	260~~309~~	438~~509~~	985~~1116~~	LOW~~LOW~~	946~~946~~
JR05~~JM55~~	5.85~~7.94~~	0.30~~0.44~~	0.68~~0.43~~	202~~408~~	73~~416~~	709~~287~~	984~~1111~~	LOW~~LOW~~	947~~947~~
RU58~~BS08~~	7.50~~4.86~~	0.42~~0.34~~	0.38~~0.78~~	378~~66~~	366~~168~~	237~~875~~	981~~1109~~	LOW~~LOW~~	948~~948~~
NE43~~RA31~~	6.47~~7.04~~	0.43~~0.39~~	0.42~~0.53~~	288~~313~~	390~~300~~	300~~494~~	978~~1107~~	LOW~~LOW~~	949~~949~~
BS11~~JR08~~	4.67~~6.51~~	0.32~~0.36~~	0.76~~0.60~~	46~~271~~	109~~217~~	820~~617~~	975~~1105~~	LOW~~LOW~~	950~~950~~
JM08~~JM08~~	6.11~~6.77~~	0.40~~0.44~~	0.48~~0.49~~	244~~296~~	315~~405~~	412~~398~~	971~~1099~~	LOW~~LOW~~	951~~951~~
TH43~~RD48~~	5.38~~7.67~~	0.34~~0.41~~	0.62~~0.48~~	145~~378~~	181~~351~~	641~~370~~	967~~1099~~	LOW~~LOW~~	952~~952~~

BS08~~NE19~~	4.81~~5.85~~	0.34~~0.38~~	0.69~~0.62~~	63~~182~~	166~~257~~	737~~656~~	966~~1095~~	LOW~~LOW~~	953~~953~~
PL54~~NE31~~	6.34~~8.50~~	0.30~~0.46~~	0.61~~0.37~~	266~~453~~	81~~468~~	619~~172~~	966~~1093~~	LOW~~LOW~~	954~~954~~
CU16~~BS26~~	7.12~~5.84~~	0.40~~0.35~~	0.43~~0.66~~	341~~181~~	309~~190~~	314~~718~~	964~~1089~~	LOW~~LOW~~	955~~955~~
PS73~~TH38~~	5.95~~4.80~~	0.38~~0.32~~	0.50~~0.81~~	220~~59~~	285~~112~~	459~~918~~	964~~1089~~	LOW~~LOW~~	956~~956~~
RD04~~TC18~~	5.77~~6.59~~	0.40~~0.43~~	0.50~~0.50~~	188~~276~~	322~~389~~	452~~420~~	962~~1085~~	LOW~~LOW~~	957~~957~~
PL09~~RU07~~	8.06~~7.11~~	0.29~~0.41~~	0.51~~0.50~~	429~~326~~	63~~343~~	469~~413~~	961~~1082~~	LOW~~LOW~~	958~~958~~
JA06~~BS35~~	7.73~~5.63~~	0.42~~0.31~~	0.35~~0.73~~	402~~154~~	359~~108~~	194~~816~~	955~~1078~~	LOW~~LOW~~	959~~959~~
RU68~~NE45~~	7.58~~7.30~~	0.37~~0.41~~	0.42~~0.49~~	386~~347~~	257~~328~~	308~~401~~	951~~1076~~	LOW~~LOW~~	960~~960~~
RU06~~JM38~~	6.49~~6.19~~	0.43~~0.43~~	0.40~~0.51~~	291~~231~~	388~~401~~	267~~443~~	946~~1075~~	LOW~~LOW~~	961~~961~~
PS47~~JM86~~	6.05~~10.73~~	0.37~~0.43~~	0.50~~0.19~~	233~~657~~	249~~398~~	462~~19~~	944~~1074~~	LOW~~LOW~~	962~~962~~
BS16~~NE37~~	4.74~~5.22~~	0.32~~0.33~~	0.70~~0.74~~	57~~107~~	124~~140~~	752~~827~~	933~~1074~~	LOW~~LOW~~	963~~963~~
RD20~~RD25~~	5.97~~6.57~~	0.39~~0.31~~	0.48~~0.64~~	226~~275~~	296~~105~~	411~~691~~	933~~1071~~	LOW~~LOW~~	964~~964~~
JM11~~RU13~~	6.42~~7.60~~	0.36~~0.37~~	0.49~~0.52~~	277~~374~~	218~~235~~	436~~460~~	931~~1069~~	LOW~~LOW~~	965~~965~~
NE07~~NE82~~	5.47~~6.44~~	0.38~~0.41~~	0.53~~0.53~~	152~~261~~	265~~336~~	514~~470~~	931~~1067~~	LOW~~LOW~~	966~~966~~
RU01~~BS13~~	5.25~~4.52~~	0.27~~0.32~~	0.70~~0.79~~	130~~39~~	45~~130~~	756~~896~~	931~~1065~~	LOW~~LOW~~	967~~967~~
NE55~~BS18~~	6.05~~4.48~~	0.35~~0.35~~	0.52~~0.74~~	235~~38~~	202~~196~~	493~~828~~	930~~1062~~	LOW~~LOW~~	968~~968~~

JM06~~CM02~~	5.38~~7.62~~	0.37~~0.41~~	0.54~~0.47~~	146~~376~~	246~~333~~	534~~350~~	926~~1059~~	LOW~~LOW~~	969~~969~~
TH06~~RA24~~	5.14~~6.32~~	0.32~~0.39~~	0.66~~0.55~~	121~~250~~	116~~285~~	689~~521~~	926~~1056~~	LOW~~LOW~~	970~~970~~
JM30~~RU26~~	5.64~~6.67~~	0.31~~0.34~~	0.63~~0.59~~	172~~286~~	91~~167~~	658~~603~~	921~~1056~~	LOW~~LOW~~	971~~971~~
RD77~~TH15~~	6.87~~9.34~~	0.32~~0.34~~	0.51~~0.48~~	321~~523~~	112~~157~~	486~~376~~	919~~1056~~	LOW~~LOW~~	972~~972~~
RU42~~BS02~~	6.51~~5.13~~	0.34~~0.27~~	0.50~~0.80~~	292~~98~~	172~~48~~	455~~907~~	919~~1053~~	LOW~~LOW~~	973~~973~~
JU71~~PU13~~	5.49~~7.22~~	0.47~~0.48~~	0.42~~0.38~~	154~~339~~	458~~510~~	305~~200~~	917~~1049~~	LOW~~LOW~~	974~~974~~
RD40~~JM06~~	7.65~~6.06~~	0.28~~0.44~~	0.51~~0.51~~	392~~211~~	56~~409~~	468~~425~~	916~~1045~~	LOW~~LOW~~	975~~975~~
NE46~~NE16~~	7.45~~5.70~~	0.44~~0.32~~	0.31~~0.68~~	369~~163~~	423~~125~~	122~~757~~	914~~1045~~	LOW~~LOW~~	976~~976~~
RD60~~TC08~~	7.19~~7.20~~	0.43~~0.38~~	0.33~~0.51~~	347~~334~~	399~~274~~	168~~437~~	914~~1045~~	LOW~~LOW~~	977~~977~~
NE60~~CU10~~	6.37~~9.88~~	0.40~~0.39~~	0.44~~0.37~~	270~~580~~	319~~284~~	324~~177~~	913~~1041~~	LOW~~LOW~~	978~~978~~
TH25~~BS16~~	5.37~~4.71~~	0.41~~0.34~~	0.49~~0.73~~	143~~55~~	337~~169~~	432~~813~~	912~~1037~~	LOW~~LOW~~	979~~979~~
JU81~~NE02~~	5.83~~5.17~~	0.45~~0.30~~	0.40~~0.76~~	197~~100~~	426~~80~~	278~~857~~	901~~1037~~	LOW~~LOW~~	980~~980~~
NE61~~PS29~~	8.04~~7.36~~	0.34~~0.55~~	0.42~~0.14~~	425~~357~~	165~~665~~	306~~9~~	896~~1031~~	LOW~~LOW~~	981~~981~~
NE32~~RD60~~	8.41~~8.02~~	0.35~~0.43~~	0.39~~0.40~~	458~~412~~	186~~378~~	250~~240~~	894~~1030~~	LOW~~LOW~~	982~~982~~
NE33~~RD67~~	6.45~~8.38~~	0.36~~0.44~~	0.48~~0.37~~	283~~442~~	208~~412~~	402~~176~~	893~~1030~~	LOW~~LOW~~	983~~983~~
JU79~~RU14~~	5.77~~9.18~~	0.50~~0.41~~	0.34~~0.37~~	187~~508~~	517~~338~~	188~~184~~	892~~1030~~	LOW~~LOW~~	984~~984~~

JA10~~PL10~~	7.45~~8.33~~	0.39~~0.42~~	0.37~~0.40~~	367~~439~~	301~~359~~	223~~231~~	891~~1029~~	LOW~~LOW~~	985~~985~~
RU15~~PS17~~	6.83~~6.26~~	0.43~~0.54~~	0.34~~0.35~~	313~~242~~	391~~646~~	185~~141~~	889~~1029~~	LOW~~LOW~~	986~~986~~
JU61~~RA08~~	8.46~~6.31~~	0.40~~0.36~~	0.29~~0.57~~	465~~249~~	316~~221~~	104~~559~~	885~~1029~~	LOW~~LOW~~	987~~987~~
RD59~~RD72~~	7.33~~8.03~~	0.42~~0.45~~	0.33~~0.36~~	359~~414~~	361~~454~~	163~~158~~	883~~1026~~	LOW~~LOW~~	988~~988~~
PS72~~RU01~~	6.20~~5.41~~	0.39~~0.30~~	0.44~~0.74~~	252~~123~~	287~~75~~	339~~824~~	878~~1022~~	LOW~~LOW~~	989~~989~~
PS46~~TH35~~	5.54~~4.92~~	0.40~~0.36~~	0.47~~0.66~~	159~~71~~	321~~223~~	397~~728~~	877~~1022~~	LOW~~LOW~~	990~~990~~
NE02~~JM05~~	5.03~~5.82~~	0.38~~0.40~~	0.53~~0.55~~	102~~177~~	270~~324~~	503~~517~~	875~~1018~~	LOW~~LOW~~	991~~991~~
NE44~~RU68~~	6.29~~8.12~~	0.41~~0.39~~	0.40~~0.43~~	260~~424~~	348~~302~~	261~~291~~	869~~1017~~	LOW~~LOW~~	992~~992~~
RA05~~RD39~~	6.43~~7.81~~	0.35~~0.35~~	0.47~~0.51~~	279~~389~~	192~~198~~	396~~428~~	867~~1015~~	LOW~~LOW~~	993~~993~~
JA08~~RD21~~	7.70~~6.49~~	0.37~~0.37~~	0.36~~0.55~~	398~~268~~	259~~234~~	209~~512~~	866~~1014~~	LOW~~LOW~~	994~~994~~
TC21~~PU12~~	6.88~~7.30~~	0.43~~0.47~~	0.33~~0.36~~	322~~350~~	384~~496~~	159~~161~~	865~~1007~~	LOW~~LOW~~	995~~995~~
RU46~~NE60~~	6.45~~6.87~~	0.36~~0.43~~	0.45~~0.46~~	284~~303~~	220~~373~~	359~~328~~	863~~1004~~	LOW~~LOW~~	996~~996~~
BS31~~JR07~~	5.82~~6.18~~	0.40~~0.31~~	0.45~~0.64~~	196~~228~~	306~~85~~	360~~687~~	862~~1000~~	LOW~~LOW~~	997~~997~~
TC02~~CM07~~	4.98~~7.83~~	0.25~~0.43~~	0.70~~0.39~~	93~~394~~	25~~396~~	744~~206~~	862~~996~~	LOW~~LOW~~	998~~998~~
CM07~~RD37~~	6.40~~7.21~~	0.45~~0.40~~	0.33~~0.46~~	274~~338~~	428~~322~~	157~~336~~	859~~996~~	LOW~~LOW~~	999~~999~~
TC09~~TC13~~	4.79~~7.20~~	0.31~~0.40~~	0.68~~0.46~~	61~~335~~	86~~321~~	710~~338~~	857~~994~~	LOW~~LOW~~	1000~~1000~~

RA08~~RU59~~	5.84~~7.59~~	0.31~~0.38~~	0.57~~0.47~~	200~~372~~	95~~256~~	559~~362~~	854~~990~~	LOW~~LOW~~	1001~~1001~~
TH42~~JU75~~	4.91~~6.69~~	0.32~~0.44~~	0.63~~0.43~~	82~~288~~	120~~415~~	652~~281~~	854~~984~~	LOW~~LOW~~	1002~~1002~~
RU14~~RD01~~	7.76~~6.02~~	0.42~~0.38~~	0.28~~0.54~~	404~~205~~	352~~269~~	95~~502~~	851~~976~~	LOW~~LOW~~	1003~~1003~~
JM38~~JR01~~	5.72~~6.25~~	0.44~~0.35~~	0.40~~0.56~~	182~~241~~	405~~189~~	262~~545~~	849~~975~~	LOW~~LOW~~	1004~~1004~~
JM46~~NE34~~	5.85~~6.21~~	0.33~~0.37~~	0.52~~0.53~~	203~~233~~	138~~245~~	499~~495~~	840~~973~~	LOW~~LOW~~	1005~~1005~~
NE41~~NE55~~	6.19~~6.48~~	0.41~~0.40~~	0.39~~0.50~~	250~~264~~	332~~303~~	256~~405~~	838~~972~~	LOW~~LOW~~	1006~~1006~~
RU60~~JR11~~	7.32~~6.17~~	0.40~~0.36~~	0.32~~0.55~~	358~~226~~	330~~220~~	148~~523~~	836~~969~~	LOW~~LOW~~	1007~~1007~~
TC05~~RD20~~	5.26~~5.88~~	0.34~~0.36~~	0.56~~0.58~~	132~~185~~	158~~210~~	546~~569~~	836~~964~~	LOW~~LOW~~	1008~~1008~~
PL23~~RD13~~	6.35~~5.57~~	0.41~~0.34~~	0.38~~0.61~~	268~~144~~	331~~176~~	234~~640~~	833~~960~~	LOW~~LOW~~	1009~~1009~~
JR03~~BS31~~	5.59~~5.97~~	0.43~~0.38~~	0.41~~0.54~~	164~~197~~	378~~263~~	288~~499~~	830~~959~~	LOW~~LOW~~	1010~~1010~~
NE45~~CU11~~	6.42~~6.23~~	0.40~~0.32~~	0.37~~0.59~~	276~~237~~	320~~119~~	232~~599~~	828~~955~~	LOW~~LOW~~	1011~~1011~~
RD37~~NE35~~	6.59~~5.57~~	0.38~~0.36~~	0.39~~0.58~~	298~~145~~	276~~215~~	253~~590~~	827~~950~~	LOW~~LOW~~	1012~~1012~~
JM21~~RA50~~	5.45~~9.57~~	0.24~~0.40~~	0.63~~0.30~~	150~~550~~	21~~314~~	654~~85~~	825~~949~~	LOW~~LOW~~	1013~~1013~~
NE87~~TC29~~	4.67~~9.29~~	0.23~~0.35~~	0.71~~0.40~~	49~~518~~	11~~192~~	765~~237~~	825~~947~~	LOW~~LOW~~	1014~~1014~~
PL58~~JM46~~	6.60~~6.09~~	0.31~~0.35~~	0.49~~0.57~~	299~~213~~	93~~183~~	431~~549~~	823~~945~~	LOW~~LOW~~	1015~~1015~~
TH30~~PU08~~	4.43~~6.57~~	0.30~~0.45~~	0.68~~0.40~~	31~~274~~	78~~437~~	714~~230~~	823~~941~~	LOW~~LOW~~	1016~~1016~~

TC12~~RD04~~	5.68~~5.70~~	0.39~~0.37~~	0.45~~0.55~~	176~~164~~	293~~246~~	349~~531~~	818~~941~~	LOW~~LOW~~	1017~~1017~~
JR09~~NE01~~	6.11~~5.00~~	0.47~~0.29~~	0.29~~0.71~~	243~~83~~	467~~63~~	107~~793~~	817~~939~~	LOW~~LOW~~	1018~~1018~~
TC01~~PS47~~	5.90~~6.42~~	0.31~~0.37~~	0.53~~0.52~~	212~~257~~	85~~236~~	519~~445~~	816~~938~~	LOW~~LOW~~	1019~~1019~~
NE50~~TH30~~	5.86~~4.83~~	0.38~~0.27~~	0.44~~0.73~~	204~~63~~	278~~51~~	332~~819~~	814~~933~~	LOW~~LOW~~	1020~~1020~~
JR10~~CU22~~	6.39~~7.09~~	0.43~~0.33~~	0.32~~0.52~~	271~~321~~	393~~144~~	149~~465~~	813~~930~~	LOW~~LOW~~	1021~~1021~~
JR07~~JM56~~	5.63~~7.61~~	0.26~~0.42~~	0.59~~0.38~~	171~~375~~	33~~358~~	602~~195~~	806~~928~~	LOW~~LOW~~	1022~~1022~~
NE03~~BS05~~	5.37~~5.50~~	0.36~~0.26~~	0.49~~0.67~~	144~~135~~	212~~42~~	444~~750~~	800~~927~~	LOW~~LOW~~	1023~~1023~~
NE17~~RD11~~	5.90~~6.66~~	0.39~~0.38~~	0.41~~0.49~~	210~~285~~	299~~250~~	289~~392~~	798~~927~~	LOW~~LOW~~	1024~~1024~~
NE20~~NE32~~	6.39~~8.82~~	0.35~~0.35~~	0.43~~0.41~~	272~~482~~	205~~193~~	315~~249~~	792~~924~~	LOW~~LOW~~	1025~~1025~~
JM04~~JM29~~	4.91~~5.98~~	0.23~~0.37~~	0.67~~0.53~~	81~~198~~	12~~237~~	698~~488~~	791~~923~~	LOW~~LOW~~	1026~~1026~~
RD05~~JU48~~	5.96~~6.22~~	0.28~~0.37~~	0.53~~0.52~~	223~~234~~	60~~230~~	505~~459~~	788~~923~~	LOW~~LOW~~	1027~~1027~~
NE51~~JU57~~	5.81~~5.52~~	0.36~~0.32~~	0.46~~0.62~~	195~~137~~	215~~115~~	375~~663~~	785~~915~~	LOW~~LOW~~	1028~~1028~~
NE36~~NE46~~	5.69~~7.75~~	0.37~~0.43~~	0.45~~0.35~~	179~~382~~	258~~377~~	347~~155~~	784~~914~~	LOW~~LOW~~	1029~~1029~~
NE37~~RD35~~	4.97~~7.38~~	0.32~~0.40~~	0.57~~0.40~~	91~~358~~	118~~317~~	565~~236~~	774~~911~~	LOW~~LOW~~	1030~~1030~~
JM09~~TC09~~	5.87~~5.00~~	0.42~~0.31~~	0.36~~0.66~~	206~~82~~	349~~98~~	214~~726~~	769~~906~~	LOW~~LOW~~	1031~~1031~~
NE40~~TH06~~	6.01~~5.04~~	0.38~~0.31~~	0.40~~0.65~~	229~~86~~	271~~104~~	268~~711~~	768~~901~~	LOW~~LOW~~	1032~~1032~~

BS09~~JA22~~	4.85~~7.12~~	0.32~~0.38~~	0.58~~0.45~~	69~~327~~	119~~261~~	579~~310~~	767~~898~~	LOW~~LOW~~	1033~~1033~~
JU17~~NE47~~	5.79~~7.06~~	0.43~~0.37~~	0.34~~0.47~~	191~~317~~	392~~229~~	184~~351~~	767~~897~~	LOW~~LOW~~	1034~~1034~~
NE49~~RD24~~	6.06~~7.47~~	0.39~~0.35~~	0.38~~0.46~~	236~~362~~	292~~203~~	239~~331~~	767~~896~~	LOW~~LOW~~	1035~~1035~~
PL06~~RD38~~	5.89~~7.10~~	0.26~~0.38~~	0.54~~0.45~~	207~~324~~	31~~255~~	524~~316~~	762~~895~~	LOW~~LOW~~	1036~~1036~~
TH10~~JU17~~	5.31~~6.29~~	0.35~~0.44~~	0.49~~0.39~~	135~~246~~	187~~428~~	440~~214~~	762~~888~~	LOW~~LOW~~	1037~~1037~~
RD13~~RU12~~	5.02~~6.19~~	0.33~~0.30~~	0.53~~0.58~~	98~~230~~	149~~84~~	508~~573~~	755~~887~~	LOW~~LOW~~	1038~~1038~~
JM05~~TC02~~	4.81~~5.08~~	0.22~~0.26~~	0.65~~0.68~~	64~~92~~	8~~39~~	679~~756~~	751~~887~~	LOW~~LOW~~	1039~~1039~~
JA43~~NE22~~	7.01~~6.00~~	0.41~~0.37~~	0.27~~0.51~~	331~~199~~	336~~247~~	77~~434~~	744~~880~~	LOW~~LOW~~	1040~~1040~~
RU44~~RU58~~	6.07~~7.58~~	0.36~~0.38~~	0.41~~0.41~~	237~~370~~	213~~260~~	291~~250~~	741~~880~~	LOW~~LOW~~	1041~~1041~~
JR06~~JR03~~	5.33~~5.27~~	0.31~~0.40~~	0.53~~0.52~~	136~~109~~	87~~316~~	517~~449~~	740~~874~~	LOW~~LOW~~	1042~~1042~~
JU42~~RD14~~	5.29~~5.56~~	0.34~~0.27~~	0.49~~0.63~~	134~~141~~	178~~47~~	424~~685~~	736~~873~~	LOW~~LOW~~	1043~~1043~~
PU08~~JL57~~	5.96~~10.68~~	0.39~~0.37~~	0.36~~0.08~~	224~~646~~	298~~211~~	211~~7~~	733~~864~~	LOW~~LOW~~	1044~~1044~~
JM07~~PL06~~	5.50~~5.83~~	0.36~~0.35~~	0.44~~0.53~~	156~~178~~	234~~205~~	340~~480~~	730~~863~~	LOW~~LOW~~	1045~~1045~~
NE16~~NE65~~	5.21~~5.57~~	0.33~~0.35~~	0.50~~0.56~~	125~~143~~	145~~181~~	460~~537~~	730~~861~~	LOW~~LOW~~	1046~~1046~~
NE14~~NE43~~	5.08~~6.29~~	0.33~~0.39~~	0.50~~0.45~~	113~~243~~	152~~293~~	461~~319~~	726~~855~~	LOW~~LOW~~	1047~~1047~~
JM29~~BS10~~	5.18~~4.45~~	0.35~~0.33~~	0.48~~0.63~~	123~~33~~	196~~138~~	406~~682~~	725~~853~~	LOW~~LOW~~	1048~~1048~~

RD06~~JA39~~	6.09~~8.10~~	0.30~~0.37~~	0.48~~0.38~~	242~~422~~	71~~233~~	409~~194~~	722~~849~~	LOW~~LOW~~	1049~~1049~~
CU10~~BS12~~	8.15~~4.57~~	0.31~~0.32~~	0.34~~0.63~~	438~~42~~	104~~128~~	176~~676~~	718~~846~~	LOW~~LOW~~	1050~~1050~~
RA24~~NE27~~	5.41~~6.05~~	0.32~~0.41~~	0.50~~0.44~~	147~~208~~	106~~339~~	463~~299~~	716~~846~~	LOW~~LOW~~	1051~~1051~~
YA07~~TH25~~	5.52~~5.61~~	0.37~~0.40~~	0.42~~0.48~~	157~~149~~	254~~318~~	301~~379~~	712~~846~~	LOW~~LOW~~	1052~~1052~~
NE01~~BS09~~	4.77~~4.68~~	0.35~~0.35~~	0.50~~0.59~~	59~~50~~	201~~188~~	448~~606~~	708~~844~~	LOW~~LOW~~	1053~~1053~~
TH18~~JU81~~	7.42~~5.62~~	0.25~~0.40~~	0.43~~0.49~~	364~~152~~	23~~304~~	320~~388~~	707~~844~~	LOW~~LOW~~	1054~~1054~~
RL15~~RU06~~	5.94~~6.29~~	0.27~~0.40~~	0.50~~0.42~~	218~~245~~	41~~325~~	445~~270~~	704~~840~~	LOW~~LOW~~	1055~~1055~~
TH12~~NE17~~	6.56~~5.94~~	0.39~~0.36~~	0.30~~0.51~~	296~~193~~	289~~213~~	119~~427~~	704~~833~~	LOW~~LOW~~	1056~~1056~~
RD01~~NE87~~	5.54~~4.82~~	0.32~~0.26~~	0.49~~0.67~~	160~~61~~	123~~33~~	420~~739~~	703~~833~~	LOW~~LOW~~	1057~~1057~~
JM86~~CU16~~	8.68~~6.89~~	0.36~~0.32~~	0.15~~0.49~~	483~~306~~	207~~122~~	10~~393~~	700~~821~~	LOW~~LOW~~	1058~~1058~~
RU08~~RU46~~	6.25~~6.42~~	0.34~~0.36~~	0.40~~0.46~~	255~~256~~	169~~225~~	276~~335~~	700~~816~~	LOW~~LOW~~	1059~~1059~~
RU16~~RD05~~	4.94~~6.16~~	0.28~~0.33~~	0.56~~0.51~~	88~~225~~	57~~147~~	554~~438~~	699~~810~~	LOW~~LOW~~	1060~~1060~~
RU51~~RD26~~	6.23~~6.02~~	0.36~~0.27~~	0.37~~0.57~~	253~~207~~	227~~46~~	218~~556~~	698~~809~~	LOW~~LOW~~	1061~~1061~~
BS10~~JR06~~	4.48~~5.43~~	0.31~~0.31~~	0.57~~0.57~~	34~~127~~	92~~111~~	571~~558~~	697~~796~~	LOW~~LOW~~	1062~~1062~~
RU48~~RD06~~	5.92~~6.10~~	0.35~~0.32~~	0.41~~0.52~~	214~~215~~	191~~133~~	292~~446~~	697~~794~~	LOW~~LOW~~	1063~~1063~~
TH26~~TH43~~	5.03~~5.05~~	0.34~~0.32~~	0.49~~0.58~~	101~~88~~	154~~127~~	442~~576~~	697~~791~~	LOW~~LOW~~	1064~~1064~~

TC03~~CU19~~	4.69~~6.59~~	0.33~~0.31~~	0.53~~0.50~~	52~~278~~	135~~106~~	501~~404~~	688~~788~~	LOW~~LOW~~	1065~~1065~~
BS12~~RU64~~	4.61~~7.79~~	0.32~~0.37~~	0.54~~0.36~~	40~~387~~	114~~240~~	532~~159~~	686~~786~~	LOW~~LOW~~	1066~~1066~~
JM37~~RD18~~	5.86~~5.61~~	0.46~~0.36~~	0.22~~0.50~~	205~~150~~	444~~218~~	37~~416~~	686~~784~~	LOW~~LOW~~	1067~~1067~~
PU12~~TC01~~	6.49~~6.02~~	0.35~~0.31~~	0.36~~0.53~~	290~~206~~	189~~102~~	206~~475~~	685~~783~~	LOW~~LOW~~	1068~~1068~~
RA31~~JR04~~	6.09~~5.49~~	0.29~~0.28~~	0.46~~0.58~~	241~~133~~	66~~57~~	377~~592~~	684~~782~~	LOW~~LOW~~	1069~~1069~~
RU54~~JM03~~	6.44~~5.70~~	0.37~~0.37~~	0.32~~0.48~~	280~~162~~	248~~248~~	147~~371~~	675~~781~~	LOW~~LOW~~	1070~~1070~~
RU10~~RU56~~	5.96~~6.68~~	0.40~~0.35~~	0.31~~0.43~~	221~~287~~	325~~206~~	128~~285~~	674~~778~~	LOW~~LOW~~	1071~~1071~~
RD66~~NE49~~	6.23~~6.09~~	0.32~~0.37~~	0.41~~0.45~~	254~~214~~	126~~243~~	283~~318~~	663~~775~~	LOW~~LOW~~	1072~~1072~~
TH14~~TC12~~	7.77~~5.83~~	0.30~~0.38~~	0.35~~0.45~~	405~~179~~	67~~272~~	191~~322~~	663~~773~~	LOW~~LOW~~	1073~~1073~~
PU10~~JU60~~	6.08~~5.77~~	0.32~~0.43~~	0.43~~0.39~~	238~~174~~	105~~381~~	318~~215~~	661~~770~~	LOW~~LOW~~	1074~~1074~~
TH01~~RU60~~	5.06~~7.26~~	0.34~~0.39~~	0.46~~0.35~~	108~~343~~	175~~279~~	373~~148~~	656~~770~~	LOW~~LOW~~	1075~~1075~~
PL52~~JU79~~	6.47~~5.36~~	0.33~~0.43~~	0.37~~0.41~~	289~~119~~	136~~400~~	230~~243~~	655~~762~~	LOW~~LOW~~	1076~~1076~~
RD26~~NE40~~	5.55~~5.97~~	0.26~~0.37~~	0.50~~0.45~~	162~~196~~	35~~242~~	457~~321~~	654~~759~~	LOW~~LOW~~	1077~~1077~~
JU39~~RU09~~	5.00~~7.01~~	0.44~~0.35~~	0.32~~0.41~~	95~~311~~	422~~199~~	135~~247~~	652~~757~~	LOW~~LOW~~	1078~~1078~~
TH32~~NE50~~	4.83~~5.67~~	0.34~~0.37~~	0.49~~0.47~~	67~~159~~	157~~239~~	426~~354~~	650~~752~~	LOW~~LOW~~	1079~~1079~~
RD10~~TH42~~	5.06~~4.70~~	0.35~~0.30~~	0.44~~0.60~~	109~~54~~	197~~83~~	336~~615~~	642~~752~~	LOW~~LOW~~	1080~~1080~~

RU24~~NE41~~	5.33~~6.11~~	0.30~~0.39~~	0.49~~0.41~~	138~~217~~	742~~77~~	429~~256~~	641~~750~~	LOW~~LOW~~	1081~~1081~~
RD12~~TH01~~	5.78~~5.61~~	0.34~~0.36~~	0.40~~0.48~~	189~~151~~	170~~227~~	280~~369~~	639~~747~~	LOW~~LOW~~	1082~~1082~~
BS04~~TH26~~	2.44~~5.11~~	0.18~~0.34~~	0.61~~0.53~~	3~~96~~	4~~162~~	631~~485~~	638~~743~~	LOW~~LOW~~	1083~~1083~~
JM25~~TC05~~	5.22~~5.29~~	0.36~~0.34~~	0.41~~0.52~~	126~~111~~	223~~171~~	287~~457~~	636~~739~~	LOW~~LOW~~	1084~~1084~~
PL47~~TC21~~	5.89~~6.48~~	0.38~~0.40~~	0.32~~0.35~~	209~~265~~	280~~306~~	146~~149~~	635~~720~~	LOW~~LOW~~	1085~~1085~~
JR04~~RD50~~	4.90~~7.05~~	0.23~~0.39~~	0.55~~0.33~~	78~~316~~	14~~283~~	539~~119~~	631~~718~~	LOW~~LOW~~	1086~~1086~~
RU18~~NE28~~	5.24~~8.66~~	0.33~~0.34~~	0.46~~0.31~~	129~~473~~	128~~152~~	367~~91~~	624~~716~~	LOW~~LOW~~	1087~~1087~~
NE28~~BS14~~	7.94~~5.53~~	0.31~~0.32~~	0.29~~0.51~~	417~~139~~	96~~129~~	110~~442~~	623~~710~~	LOW~~LOW~~	1088~~1088~~
JM03~~JU42~~	4.91~~5.39~~	0.36~~0.34~~	0.44~~0.50~~	80~~122~~	209~~174~~	328~~414~~	617~~710~~	LOW~~LOW~~	1089~~1089~~
RU12~~NE29~~	5.42~~6.17~~	0.35~~0.35~~	0.41~~0.43~~	148~~227~~	188~~200~~	281~~280~~	617~~707~~	LOW~~LOW~~	1090~~1090~~
RU47~~JM09~~	6.03~~6.20~~	0.35~~0.33~~	0.35~~0.45~~	231~~232~~	185~~149~~	198~~323~~	614~~704~~	LOW~~LOW~~	1091~~1091~~
NE39~~RU48~~	4.96~~6.01~~	0.33~~0.33~~	0.47~~0.47~~	90~~203~~	130~~148~~	393~~352~~	613~~703~~	LOW~~LOW~~	1092~~1092~~
NE27~~PS80~~	5.34~~5.93~~	0.37~~0.34~~	0.37~~0.47~~	139~~192~~	245~~161~~	227~~349~~	611~~702~~	LOW~~LOW~~	1093~~1093~~
RD14~~RD29~~	5.00~~5.48~~	0.30~~0.26~~	0.49~~0.56~~	96~~132~~	72~~35~~	441~~533~~	609~~700~~	LOW~~LOW~~	1094~~1094~~
NE38~~RU10~~	5.06~~6.48~~	0.34~~0.34~~	0.44~~0.41~~	106~~266~~	168~~178~~	329~~251~~	603~~695~~	LOW~~LOW~~	1095~~1095~~
JU60~~JM07~~	5.00~~5.68~~	0.40~~0.31~~	0.34~~0.51~~	94~~161~~	329~~86~~	177~~440~~	600~~687~~	LOW~~LOW~~	1096~~1096~~

RA09~~TH12~~	4.68~~6.72~~	0.30~~0.38~~	0.50~~0.33~~	51~~291~~	79~~270~~	467~~121~~	597~~682~~	LOW~~LOW~~	1097~~1097~~
RL05~~TH18~~	4.48~~7.52~~	0.18~~0.26~~	0.56~~0.43~~	35~~365~~	5~~34~~	555~~282~~	595~~681~~	LOW~~LOW~~	1098~~1098~~
RD17~~NE44~~	5.07~~6.11~~	0.36~~0.38~~	0.40~~0.39~~	110~~218~~	211~~254~~	272~~208~~	593~~680~~	LOW~~LOW~~	1099~~1099~~
NE75~~TH32~~	4.90~~5.08~~	0.37~~0.33~~	0.40~~0.51~~	76~~91~~	243~~150~~	269~~439~~	588~~680~~	LOW~~LOW~~	1100~~1100~~
PU13~~RD17~~	6.12~~5.21~~	0.27~~0.34~~	0.42~~0.49~~	245~~106~~	48~~172~~	295~~400~~	588~~678~~	LOW~~LOW~~	1101~~1101~~
NE29~~RD22~~	5.52~~5.92~~	0.35~~0.33~~	0.38~~0.47~~	158~~189~~	190~~141~~	238~~348~~	586~~678~~	LOW~~LOW~~	1102~~1102~~
PL08~~NE03~~	7.61~~5.21~~	0.24~~0.31~~	0.34~~0.53~~	388~~105~~	19~~88~~	174~~484~~	581~~677~~	LOW~~LOW~~	1103~~1103~~
RD18~~NE14~~	4.83~~5.10~~	0.34~~0.31~~	0.45~~0.53~~	66~~95~~	162~~109~~	353~~473~~	581~~677~~	LOW~~LOW~~	1104~~1104~~
RU39~~PL09~~	5.85~~7.30~~	0.39~~0.34~~	0.28~~0.35~~	201~~349~~	294~~173~~	85~~153~~	580~~675~~	LOW~~LOW~~	1105~~1105~~
TH07~~TH14~~	7.23~~8.06~~	0.25~~0.29~~	0.36~~0.38~~	349~~417~~	26~~64~~	204~~192~~	579~~673~~	LOW~~LOW~~	1106~~1106~~
NE22~~NE51~~	5.09~~5.62~~	0.33~~0.34~~	0.44~~0.47~~	114~~153~~	142~~175~~	322~~343~~	578~~671~~	LOW~~LOW~~	1107~~1107~~
JU44~~PS76~~	5.70~~6.37~~	0.38~~0.41~~	0.31~~0.27~~	181~~254~~	272~~352~~	124~~60~~	577~~666~~	LOW~~LOW~~	1108~~1108~~
TH33~~JM37~~	4.79~~6.23~~	0.32~~0.41~~	0.47~~0.32~~	62~~239~~	127~~326~~	387~~99~~	576~~664~~	LOW~~LOW~~	1109~~1109~~
JM36~~NE75~~	5.10~~5.29~~	0.42~~0.30~~	0.29~~0.53~~	116~~110~~	354~~79~~	103~~474~~	573~~663~~	LOW~~LOW~~	1110~~1110~~
TH20~~PL08~~	5.83~~8.10~~	0.32~~0.31~~	0.39~~0.35~~	198~~421~~	125~~91~~	249~~147~~	572~~659~~	LOW~~LOW~~	1111~~1111~~
NE23~~NE30~~	5.60~~6.29~~	0.36~~0.39~~	0.34~~0.33~~	166~~247~~	221~~294~~	181~~116~~	568~~657~~	LOW~~LOW~~	1112~~1112~~

PS17~~RD15~~	5.02~~5.33~~	0.41~~0.29~~	0.31~~0.52~~	99~~117~~	340~~62~~	125~~468~~	564~~647~~	LOW~~LOW~~	1113~~1113~~
RD07~~NE05~~	5.75~~5.42~~	0.35~~0.30~~	0.34~~0.52~~	184~~126~~	194~~70~~	186~~450~~	564~~646~~	LOW~~LOW~~	1114~~1114~~
PL01~~TH10~~	5.70~~5.32~~	0.33~~0.34~~	0.39~~0.46~~	180~~115~~	129~~180~~	254~~337~~	563~~632~~	LOW~~LOW~~	1115~~1115~~
TC04~~TH13~~	4.07~~7.43~~	0.30~~0.25~~	0.51~~0.41~~	15~~360~~	68~~30~~	473~~242~~	556~~632~~	LOW~~LOW~~	1116~~1116~~
RD29~~RD10~~	5.05~~5.05~~	0.26~~0.32~~	0.48~~0.50~~	104~~87~~	36~~132~~	407~~409~~	547~~628~~	LOW~~LOW~~	1117~~1117~~
TH31~~TC03~~	4.89~~4.73~~	0.32~~0.32~~	0.46~~0.51~~	74~~56~~	107~~131~~	366~~441~~	547~~628~~	LOW~~LOW~~	1118~~1118~~
RD15~~TH07~~	5.01~~7.54~~	0.25~~0.25~~	0.48~~0.40~~	97~~366~~	29~~24~~	418~~232~~	544~~622~~	LOW~~LOW~~	1119~~1119~~
TH34~~PS46~~	4.71~~4.77~~	0.37~~0.35~~	0.37~~0.48~~	54~~58~~	251~~195~~	231~~368~~	536~~621~~	LOW~~LOW~~	1120~~1120~~
JM01~~JR09~~	5.34~~5.87~~	0.39~~0.41~~	0.28~~0.33~~	140~~183~~	302~~327~~	90~~109~~	532~~619~~	LOW~~LOW~~	1121~~1121~~
TH13~~RU16~~	6.86~~5.01~~	0.24~~0.26~~	0.34~~0.53~~	319~~84~~	18~~43~~	187~~482~~	524~~609~~	LOW~~LOW~~	1122~~1122~~
JM85~~JR05~~	6.33~~5.17~~	0.34~~0.28~~	0.27~~0.51~~	261~~101~~	180~~58~~	80~~444~~	521~~603~~	LOW~~LOW~~	1123~~1123~~
NE05~~TH20~~	4.93~~6.07~~	0.37~~0.32~~	0.35~~0.42~~	84~~212~~	241~~114~~	190~~274~~	515~~600~~	LOW~~LOW~~	1124~~1124~~
RU45~~JR10~~	5.62~~6.12~~	0.35~~0.38~~	0.32~~0.32~~	170~~220~~	204~~266~~	136~~100~~	510~~586~~	LOW~~LOW~~	1125~~1125~~
NE30~~NE38~~	5.55~~4.97~~	0.36~~0.33~~	0.31~~0.47~~	161~~77~~	222~~146~~	126~~355~~	509~~578~~	LOW~~LOW~~	1126~~1126~~
TC06~~JU52~~	5.75~~4.96~~	0.31~~0.33~~	0.37~~0.47~~	185~~75~~	94~~143~~	222~~359~~	501~~577~~	LOW~~LOW~~	1127~~1127~~
NE65~~TH33~~	4.84~~4.97~~	0.31~~0.32~~	0.44~~0.48~~	68~~76~~	102~~118~~	325~~380~~	495~~574~~	LOW~~LOW~~	1128~~1128~~

JU52~~RU15~~	4.74~~6.19~~	0.34~~0.35~~	0.40~~0.34~~	56~~229~~	155~~204~~	263~~136~~	474~~569~~	LOW~~LOW~~	1129~~1129~~
RD28~~NE23~~	5.11~~5.77~~	0.33~~0.36~~	0.36~~0.37~~	118~~172~~	143~~226~~	208~~170~~	469~~568~~	LOW~~LOW~~	1130~~1130~~
RD08~~TC06~~	5.22~~5.92~~	0.34~~0.33~~	0.34~~0.41~~	128~~188~~	160~~134~~	179~~245~~	467~~567~~	LOW~~LOW~~	1131~~1131~~
RU09~~PL01~~	5.60~~5.76~~	0.34~~0.33~~	0.30~~0.41~~	165~~170~~	182~~142~~	116~~253~~	463~~565~~	LOW~~LOW~~	1132~~1132~~
RU43~~RD28~~	5.61~~5.68~~	0.36~~0.34~~	0.25~~0.40~~	168~~160~~	231~~170~~	62~~235~~	461~~565~~	LOW~~LOW~~	1133~~1133~~
NE76~~JM01~~	7.20~~5.58~~	0.27~~0.34~~	0.26~~0.40~~	348~~148~~	42~~163~~	68~~241~~	458~~552~~	LOW~~LOW~~	1134~~1134~~
PS80~~JU44~~	5.13~~5.73~~	0.28~~0.38~~	0.41~~0.33~~	119~~167~~	51~~271~~	285~~112~~	455~~550~~	LOW~~LOW~~	1135~~1135~~
RU40~~PS71~~	4.94~~5.77~~	0.33~~0.39~~	0.37~~0.29~~	86~~173~~	153~~288~~	215~~81~~	454~~542~~	LOW~~LOW~~	1136~~1136~~
NE68~~RD27~~	5.83~~6.00~~	0.31~~0.33~~	0.33~~0.38~~	199~~200~~	90~~139~~	158~~189~~	447~~528~~	LOW~~LOW~~	1137~~1137~~
RU38~~NE26~~	5.35~~5.87~~	0.36~~0.36~~	0.27~~0.32~~	141~~184~~	219~~228~~	81~~106~~	441~~518~~	LOW~~LOW~~	1138~~1138~~
TH08~~NE20~~	5.04~~6.06~~	0.34~~0.34~~	0.33~~0.35~~	103~~210~~	171~~158~~	164~~143~~	438~~511~~	LOW~~LOW~~	1139~~1139~~
NE52~~NE68~~	4.94~~6.10~~	0.31~~0.35~~	0.39~~0.31~~	87~~216~~	88~~194~~	257~~89~~	432~~499~~	LOW~~LOW~~	1140~~1140~~
NE77~~TC04~~	5.10~~4.19~~	0.37~~0.29~~	0.25~~0.50~~	115~~26~~	255~~68~~	61~~403~~	431~~497~~	LOW~~LOW~~	1141~~1141~~
NE72~~RA14~~	5.18~~5.45~~	0.37~~0.37~~	0.23~~0.33~~	124~~129~~	263~~249~~	38~~115~~	425~~493~~	LOW~~LOW~~	1142~~1142~~
TC07~~NE52~~	4.61~~5.10~~	0.28~~0.31~~	0.44~~0.44~~	41~~93~~	55~~99~~	327~~298~~	423~~490~~	LOW~~LOW~~	1143~~1143~~
JU54~~RU24~~	3.51~~5.45~~	0.23~~0.29~~	0.47~~0.44~~	7~~128~~	10~~61~~	383~~300~~	400~~489~~	LOW~~LOW~~	1144~~1144~~

PS66~~TH17~~	4.92~~3.49~~	0.23~~0.22~~	0.42~~0.52~~	83~~8~~	15~~19~~	2994~~55~~	397~~482~~	LOW~~LOW~~	1145~~1145~~
RD27~~RA09~~	5.14~~4.62~~	0.33~~0.32~~	0.31~~0.45~~	120~~48~~	146~~117~~	127~~313~~	393~~478~~	LOW~~LOW~~	1146~~1146~~
TH17~~TH31~~	3.38~~4.88~~	0.24~~0.32~~	0.45~~0.43~~	6~~70~~	17~~116~~	352~~289~~	375~~475~~	LOW~~LOW~~	1147~~1147~~
RA14~~NE76~~	4.98~~7.45~~	0.33~~0.28~~	0.32~~0.25~~	92~~361~~	141~~60~~	140~~46~~	373~~467~~	LOW~~LOW~~	1148~~1148~~
NE26~~RU47~~	5.14~~5.63~~	0.33~~0.32~~	0.29~~0.37~~	122~~156~~	147~~120~~	101~~173~~	370~~449~~	LOW~~LOW~~	1149~~1149~~
RD34~~JU41~~	5.44~~5.08~~	0.30~~0.33~~	0.32~~0.40~~	149~~90~~	83~~136~~	138~~222~~	370~~448~~	LOW~~LOW~~	1150~~1150~~
NE48~~NE48~~	4.79~~4.98~~	0.30~~0.31~~	0.36~~0.42~~	60~~78~~	82~~93~~	213~~269~~	355~~440~~	LOW~~LOW~~	1151~~1151~~
JU41~~RD33~~	4.89~~5.18~~	0.34~~0.26~~	0.28~~0.43~~	75~~102~~	176~~41~~	99~~293~~	350~~436~~	LOW~~LOW~~	1152~~1152~~
JU51~~RD12~~	4.08~~5.32~~	0.31~~0.30~~	0.38~~0.40~~	16~~11~~4	89~~82~~	245~~226~~	350~~422~~	LOW~~LOW~~	1153~~1153~~
TH24~~RD08~~	4.54~~5.24~~	0.28~~0.30~~	0.39~~0.40~~	37~~108~~	52~~78~~	258~~233~~	347~~419~~	LOW~~LOW~~	1154~~1154~~
RU19~~JU43~~	4.90~~5.14~~	0.27~~0.34~~	0.37~~0.35~~	79~~99~~	46~~16~~4	220~~154~~	345~~417~~	LOW~~LOW~~	1155~~1155~~
BS05~~RD66~~	2.49~~5.71~~	0.17~~0.30~~	0.44~~0.37~~	41~~65~~	37~~1~~	335~~174~~	342~~410~~	LOW~~LOW~~	1156~~1156~~
JU18~~JU51~~	4.93~~4.17~~	0.34~~0.28~~	0.26~~0.45~~	85~~23~~	177~~59~~	643~~20~~	326~~402~~	LOW~~LOW~~	1157~~1157~~
TH03~~RU55~~	4.72~~5.57~~	0.33~~0.28~~	0.32~~0.38~~	55~~146~~	131~~53~~	133~~203~~	319~~402~~	LOW~~LOW~~	1158~~1158~~
RU52~~RD36~~	4.33~~5.77~~	0.27~~0.31~~	0.38~~0.34~~	26~~171~~	47~~100~~	244~~128~~	317~~399~~	LOW~~LOW~~	1159~~1159~~
NE74~~RU42~~	4.54~~4.83~~	0.32~~0.23~~	0.34~~0.45~~	36~~62~~	108~~22~~	171~~315~~	315~~399~~	LOW~~LOW~~	1160~~1160~~

RD33~~TH08~~	4.86~~5.21~~	0.21~~0.35~~	0.38~~0.33~~	70~~104~~	7~~182~~	236~~110~~	313~~396~~	LOW~~LOW~~	1161~~1161~~
RU17~~NE39~~	4.88~~4.57~~	0.31~~0.30~~	0.32~~0.42~~	72~~43~~	99~~81~~	142~~267~~	313~~391~~	LOW~~LOW~~	1162~~1162~~
RD09~~TC07~~	4.87~~4.69~~	0.33~~0.29~~	0.28~~0.42~~	71~~52~~	148~~65~~	92~~273~~	311~~390~~	LOW~~LOW~~	1163~~1163~~
TH21~~TH03~~	4.90~~5.01~~	0.26~~0.33~~	0.35~~0.36~~	77~~85~~	32~~135~~	199~~168~~	308~~388~~	LOW~~LOW~~	1164~~1164~~
RD36~~TH34~~	5.25~~4.46~~	0.30~~0.34~~	0.28~~0.38~~	131~~37~~	76~~153~~	88~~197~~	295~~387~~	LOW~~LOW~~	1165~~1165~~
RU02~~NE71~~	4.46~~4.69~~	0.32~~0.25~~	0.33~~0.44~~	32~~51~~	110~~28~~	153~~307~~	295~~386~~	LOW~~LOW~~	1166~~1166~~
NE88~~JU54~~	4.07~~3.92~~	0.31~~0.24~~	0.34~~0.47~~	14~~16~~	103~~23~~	172~~346~~	289~~385~~	LOW~~LOW~~	1167~~1167~~
PS77~~JU18~~	5.06~~5.31~~	0.30~~0.37~~	0.29~~0.24~~	107~~113~~	80~~232~~	102~~37~~	289~~382~~	LOW~~LOW~~	1168~~1168~~
JU43~~JM36~~	4.75~~5.05~~	0.34~~0.34~~	0.24~~0.34~~	58~~89~~	173~~165~~	47~~127~~	278~~381~~	LOW~~LOW~~	1169~~1169~~
JM02~~RU18~~	4.58~~3.63~~	0.33~~0.18~~	0.28~~0.47~~	39~~11~~	151~~8~~	87~~361~~	277~~380~~	LOW~~LOW~~	1170~~1170~~
RA10~~NE70~~	4.66~~4.87~~	0.28~~0.31~~	0.34~~0.40~~	43~~68~~	59~~89~~	175~~221~~	277~~378~~	LOW~~LOW~~	1171~~1171~~
NE83~~RU53~~	4.66~~5.42~~	0.34~~0.20~~	0.26~~0.40~~	45~~124~~	164~~13~~	67~~239~~	276~~376~~	LOW~~LOW~~	1172~~1172~~
NE79~~RD07~~	3.93~~5.39~~	0.25~~0.32~~	0.37~~0.34~~	12~~121~~	22~~126~~	229~~126~~	263~~373~~	LOW~~LOW~~	1173~~1173~~
NE63~~TH21~~	4.05~~5.11~~	0.30~~0.26~~	0.34~~0.40~~	13~~97~~	69~~37~~	180~~238~~	262~~372~~	LOW~~LOW~~	1174~~1174~~
NE71~~NE72~~	4.37~~5.31~~	0.29~~0.35~~	0.34~~0.26~~	28~~112~~	61~~202~~	173~~54~~	262~~368~~	LOW~~LOW~~	1175~~1175~~
NE70~~RU38~~	4.26~~5.52~~	0.30~~0.31~~	0.33~~0.33~~	22~~138~~	77~~95~~	162~~124~~	261~~357~~	LOW~~LOW~~	1176~~1176~~

PS76~~NE74~~	5.62~~4.60~~	0.26~~0.30~~	0.25~~0.40~~	169~~47~~	30~~77~~	53~~229~~	252~~353~~	LOW~~LOW~~	1177~~1177~~
NE64~~CU13~~	4.67~~5.55~~	0.31~~0.30~~	0.29~~0.34~~	48~~140~~	84~~76~~	113~~135~~	245~~351~~	LOW~~LOW~~	1178~~1178~~
TH04~~NE77~~	4.39~~5.19~~	0.29~~0.35~~	0.33~~0.27~~	29~~103~~	62~~186~~	154~~59~~	245~~348~~	LOW~~LOW~~	1179~~1179~~
TH28~~RU27~~	4.29~~3.67~~	0.29~~0.18~~	0.33~~0.46~~	24~~14~~	64~~7~~	156~~327~~	244~~348~~	LOW~~LOW~~	1180~~1180~~
RD30~~PS77~~	4.40~~5.10~~	0.28~~0.36~~	0.33~~0.25~~	30~~94~~	58~~214~~	155~~39~~	243~~347~~	LOW~~LOW~~	1181~~1181~~
TH02~~RD30~~	4.64~~4.84~~	0.31~~0.27~~	0.28~~0.39~~	42~~65~~	100~~49~~	97~~218~~	239~~332~~	LOW~~LOW~~	1182~~1182~~
RU41~~RD34~~	4.82~~5.45~~	0.32~~0.29~~	0.25~~0.34~~	65~~130~~	115~~66~~	54~~133~~	234~~329~~	LOW~~LOW~~	1183~~1183~~
RU50~~RU02~~	4.70~~4.58~~	0.32~~0.31~~	0.25~~0.37~~	53~~45~~	113~~103~~	60~~179~~	226~~327~~	LOW~~LOW~~	1184~~1184~~
RA12~~RA02~~	4.29~~4.96~~	0.32~~0.31~~	0.27~~0.35~~	23~~74~~	111~~97~~	78~~151~~	212~~322~~	LOW~~LOW~~	1185~~1185~~
NE86~~NE79~~	4.25~~4.18~~	0.24~~0.25~~	0.33~~0.42~~	21~~25~~	20~~29~~	161~~266~~	202~~320~~	LOW~~LOW~~	1186~~1186~~
RA11~~RA10~~	3.67~~5.00~~	0.30~~0.31~~	0.30~~0.34~~	9~~81~~	70~~107~~	117~~130~~	196~~318~~	LOW~~LOW~~	1187~~1187~~
NE78~~TH24~~	4.57~~4.80~~	0.32~~0.30~~	0.22~~0.36~~	38~~60~~	117~~72~~	32~~163~~	187~~295~~	LOW~~LOW~~	1188~~1188~~
NE80~~NE78~~	4.22~~4.99~~	0.33~~0.32~~	0.20~~0.31~~	20~~79~~	132~~124~~	28~~90~~	180~~293~~	LOW~~LOW~~	1189~~1189~~
TH16~~NE64~~	4.15~~4.92~~	0.22~~0.31~~	0.32~~0.33~~	18~~72~~	9~~96~~	145~~118~~	172~~286~~	LOW~~LOW~~	1190~~1190~~
PS71~~RU52~~	4.89~~2.69~~	0.23~~0.14~~	0.27~~0.43~~	73~~4~~	13~~3~~	82~~279~~	168~~286~~	LOW~~LOW~~	1191~~1191~~
RA03~~NE63~~	3.85~~4.08~~	0.27~~0.28~~	0.31~~0.39~~	10~~21~~	37~~56~~	121~~207~~	168~~284~~	LOW~~LOW~~	1192~~1192~~

NE81~~TH04~~	3.66~~4.65~~	0.27~~0.25~~	0.29~~0.39~~	8~~49~~	39~~26~~	112~~209~~	159~~284~~	LOW~~LOW~~	1193~~1193~~
RU49~~RD09~~	4.33~~4.99~~	0.28~~0.30~~	0.28~~0.34~~	25~~80~~	50~~74~~	84~~129~~	159~~283~~	LOW~~LOW~~	1194~~1194~~
RD31~~NE88~~	4.47~~4.22~~	0.29~~0.30~~	0.25~~0.37~~	33~~29~~	65~~69~~	58~~181~~	156~~279~~	LOW~~LOW~~	1195~~1195~~
RA02~~RA03~~	3.91~~4.43~~	0.27~~0.26~~	0.29~~0.38~~	11~~31~~	43~~40~~	100~~201~~	154~~272~~	LOW~~LOW~~	1196~~1196~~
NE73~~TH02~~	4.12~~4.87~~	0.27~~0.31~~	0.27~~0.29~~	17~~69~~	44~~110~~	83~~82~~	144~~261~~	LOW~~LOW~~	1197~~1197~~
NE66~~RU44~~	4.37~~3.97~~	0.27~~0.20~~	0.25~~0.39~~	27~~17~~	38~~14~~	50~~219~~	115~~250~~	LOW~~LOW~~	1198~~1198~~
NE67~~RA12~~	4.16~~4.58~~	0.25~~0.32~~	0.24~~0.29~~	19~~46~~	28~~121~~	45~~79~~	92~~246~~	LOW~~LOW~~	1199~~1199~~
RA13~~NE83~~	3.04~~4.83~~	0.21~~0.31~~	0.26~~0.30~~	5~~64~~	6~~94~~	74~~87~~	85~~245~~	LOW~~LOW~~	1200~~1200~~
JU23~~TH28~~	0.78~~4.56~~	0.09~~0.31~~	0.00~~0.31~~	2~~40~~	2~~92~~	1~~94~~	5~~226~~	LOW~~LOW~~	1201~~1201~~
AO05~~RA13~~	0.00~~3.99~~	0.00~~0.26~~	0.00~~0.37~~	1~~18~~	1~~36~~	1~~171~~	3~~225~~	LOW~~LOW~~	1202~~1202~~
AO12~~RA11~~	0.00~~4.07~~	0.00~~0.31~~	0.00~~0.33~~	1~~19~~	1~~90~~	1~~114~~	3~~223~~	LOW~~LOW~~	1203~~1203~~
AO16~~RU40~~	0.00~~2.84~~	0.00~~0.18~~	0.00~~0.39~~	1~~5~~	1~~9~~	1~~205~~	3~~219~~	LOW~~LOW~~	1204~~1204~~
AO19~~RD31~~	0.00~~4.70~~	0.00~~0.28~~	0.00~~0.32~~	1~~53~~	1~~54~~	1~~103~~	3~~210~~	LOW~~LOW~~	1205~~1205~~
AO20~~RU51~~	0.00~~4.17~~	0.00~~0.20~~	0.00~~0.36~~	1~~24~~	1~~15~~	1~~156~~	3~~195~~	LOW~~LOW~~	1206~~1206~~
AO22~~NE86~~	0.00~~4.45~~	0.00~~0.25~~	0.00~~0.33~~	1~~34~~	1~~27~~	1~~117~~	3~~178~~	LOW~~LOW~~	1207~~1207~~
BS03~~RU45~~	0.00~~3.69~~	0.00~~0.21~~	0.00~~0.35~~	1~~15~~	1~~16~~	1~~140~~	3~~171~~	LOW~~LOW~~	1208~~1208~~
BS06~~RU19~~	0.00~~3.52~~	0.00~~0.17~~	0.00~~0.35~~	1~~9~~	1~~6~~	1~~152~~	3~~167~~	LOW~~LOW~~	1209~~1209~~
BS07~~NE80~~	0.00~~4.46~~	0.00~~0.28~~	0.00~~0.28~~	1~~36~~	1~~55~~	1~~66~~	3~~157~~	LOW~~LOW~~	1210~~1210~~
BS14~~RU17~~	0.00~~2.92~~	0.00~~0.15~~	0.00~~0.35~~	1~~6~~	1~~5~~	1~~146~~	3~~157~~	LOW~~LOW~~	1211~~1211~~
BS15~~RU54~~	0.00~~4.46~~	0.00~~0.22~~	0.00~~0.32~~	1~~35~~	1~~17~~	1~~104~~	3~~156~~	LOW~~LOW~~	1212~~1212~~
BS19~~RD42~~	0.00~~4.19~~	0.00~~0.25~~	0.00~~0.31~~	1~~27~~	1~~31~~	1~~95~~	3~~153~~	LOW~~LOW~~	1213~~1213~~
BS27~~TH16~~	0.00~~4.21~~	0.00~~0.22~~	0.00~~0.32~~	1~~28~~	1~~18~~	1~~102~~	3~~148~~	LOW~~LOW~~	1214~~1214~~
CB27~~RU50~~	0.00~~4.56~~	0.00~~0.27~~	0.00~~0.26~~	1~~41~~	1~~50~~	1~~53~~	3~~144~~	LOW~~LOW~~	1215~~1215~~
CB28~~NE73~~	0.00~~4.08~~	0.00~~0.25~~	0.00~~0.31~~	1~~20~~	1~~25~~	1~~96~~	3~~141~~	LOW~~LOW~~	1216~~1216~~

CB37~~NE81~~	0.00~~3.67~~	0.00~~0.26~~	0.00~~0.30~~	1~~13~~	1~~38~~	1~~83~~	3~~134~~	LOW~~LOW~~	1217~~1217~~
JL50~~JM02~~	0.00~~4.12~~	0.00~~0.26~~	0.00~~0.28~~	1~~22~~	1~~32~~	1~~73~~	3~~127~~	LOW~~LOW~~	1218~~1218~~
JL57~~NE66~~	0.00~~4.45~~	0.00~~0.27~~	0.00~~0.24~~	1~~32~~	1~~45~~	1~~38~~	3~~115~~	LOW~~LOW~~	1219~~1219~~
JL58~~RU39~~	0.00~~3.44~~	0.00~~0.20~~	0.00~~0.31~~	1~~7~~	1~~12~~	1~~92~~	3~~111~~	LOW~~LOW~~	1220~~1220~~
JU16~~NE67~~	0.00~~4.32~~	0.00~~0.27~~	0.00~~0.23~~	1~~30~~	1~~44~~	1~~32~~	3~~106~~	LOW~~LOW~~	1221~~1221~~
JU35~~RU43~~	0.00~~3.63~~	0.00~~0.19~~	0.00~~0.28~~	1~~10~~	1~~10~~	1~~71~~	3~~91~~	LOW~~LOW~~	1222~~1222~~
NE89~~RU49~~	0.00~~2.50~~	0.00~~0.14~~	0.00~~0.28~~	1~~2~~	1~~2~~	1~~74~~	3~~78~~	LOW~~LOW~~	1223~~1223~~
NE90~~RU41~~	0.00~~2.60~~	0.00~~0.15~~	0.00~~0.27~~	1~~3~~	1~~4~~	1~~62~~	3~~69~~	LOW~~LOW~~	1224~~1224~~
PL24~~AO25~~	0.00~~3.65~~	0.00~~0.19~~	0.00~~0.03~~	1~~12~~	1~~11~~	1~~2~~	3~~25~~	LOW~~LOW~~	1225~~1225~~
PL25~~AO01~~	0.00~~0.00~~	0.00~~0.00~~	0.00~~0.00~~	1~~1~~	1~~1~~	1~~1~~	3~~3~~	LOW~~LOW~~	1226~~1226~~
PS13~~AO05~~	0.00~~0.00~~	0.00~~0.00~~	0.00~~0.00~~	1~~1~~	1~~1~~	1~~1~~	3~~3~~	LOW~~LOW~~	1227~~1227~~
PS18~~AO12~~	0.00~~0.00~~	0.00~~0.00~~	0.00~~0.00~~	1~~1~~	1~~1~~	1~~1~~	3~~3~~	LOW~~LOW~~	1228~~1228~~
PU21~~PL27~~	0.00~~0.00~~	0.00~~0.00~~	0.00~~0.00~~	1~~1~~	1~~1~~	1~~1~~	3~~3~~	LOW~~LOW~~	1229~~1229~~
RD42~~AO16~~	0.00~~0.00~~	0.00~~0.00~~	0.00~~0.00~~	1~~1~~	1~~1~~	1~~1~~	3~~3~~	LOW~~LOW~~	1230~~1230~~
RL19~~AO19~~	0.00~~0.00~~	0.00~~0.00~~	0.00~~0.00~~	1~~1~~	1~~1~~	1~~1~~	3~~3~~	LOW~~LOW~~	1231~~1231~~
TC35~~AO20~~	0.00~~0.00~~	0.00~~0.00~~	0.00~~0.00~~	1~~1~~	1~~1~~	1~~1~~	3~~3~~	LOW~~LOW~~	1232~~1232~~
TH05~~AO22~~	0.00~~0.00~~	0.00~~0.00~~	0.00~~0.00~~	1~~1~~	1~~1~~	1~~1~~	3~~3~~	LOW~~LOW~~	1233~~1233~~
TH46~~CB27~~	0.00~~0.00~~	0.00~~0.00~~	0.00~~0.00~~	1~~1~~	1~~1~~	1~~1~~	3~~3~~	LOW~~LOW~~	1234~~1234~~
TP01~~CB37~~	0.00~~0.00~~	0.00~~0.00~~	0.00~~0.00~~	1~~1~~	1~~1~~	1~~1~~	3~~3~~	LOW~~LOW~~	1235~~1235~~
TP03~~JU16~~	0.00~~0.00~~	0.00~~0.00~~	0.00~~0.00~~	1~~1~~	1~~1~~	1~~1~~	3~~3~~	LOW~~LOW~~	1236~~1236~~
TP04~~NE89~~	0.00~~0.00~~	0.00~~0.00~~	0.00~~0.00~~	1~~1~~	1~~1~~	1~~1~~	3~~3~~	LOW~~LOW~~	1237~~1237~~
TP08~~PU21~~	0.00~~0.00~~	0.00~~0.00~~	0.00~~0.00~~	1~~1~~	1~~1~~	1~~1~~	3~~3~~	LOW~~LOW~~	1238~~1238~~
TP19~~RL19~~	0.00~~0.00~~	0.00~~0.00~~	0.00~~0.00~~	1~~1~~	1~~1~~	1~~1~~	3~~3~~	LOW~~LOW~~	1239~~1239~~
YA02~~TH46~~	0.00~~0.00~~	0.00~~0.00~~	0.00~~0.00~~	1~~1~~	1~~1~~	1~~1~~	3~~3~~	LOW~~LOW~~	1240~~1240~~

Attachment B

Drainage Basins in Each Soil and Water Conservation District

SWCD	Location
APPOMATTOX RIVER	Both
BIG SANDY	OCB
BIG WALKER	OCB
BLUE RIDGE	Both
CHOWAN BASIN	OCB
CLINCH VALLEY	OCB
COLONIAL	CB
CULPEPER	CB
DANIEL BOONE	OCB
EASTERN SHORE	Both
EVERGREEN	OCB
HALIFAX	OCB
HANOVER-CAROLINE	CB
HEADWATERS	CB
HENRICOPOLIS	CB
HOLSTON RIVER	OCB
JAMES RIVER	Both
JOHN MARSHALL	CB
LAKE COUNTRY	OCB
LONESOME PINE	OCB
LORD FAIRFAX	CB
LOUDOUN	CB
MONACAN	CB
MOUNTAIN	CB
MOUNTAIN CASTLES	Both
NATURAL BRIDGE	CB
NEW RIVER	OCB
NORTHERN NECK	CB
NORTHERN VA	CB
PATRICK	OCB
PEAKS OF OTTER	Both
PEANUT	Both
PETER FRANCISCO	CB
PIEDMONT	Both
PITTSYLVANIA	OCB
PRINCE WILLIAM	CB
ROBERT E. LEE	Both
SCOTT COUNTY	OCB
SHENANDOAH VALLEY	CB
SKYLINE	Both
SOUTHSIDE	OCB
TAZEWELL	OCB
THOMAS JEFFERSON	CB
THREE RIVERS	CB
TIDEWATER	CB
TRI-COUNTY/CITY	CB
VIRGINIA DARE	Both

Attachment C

This attachment provides data by Drainage Basin (CB and OCB), District, Agricultural Pollutant Potential Rank (H, M, and L), Total Area (acres) of Hydrologic Units in each District by Agricultural Pollutant Potential Rank and Drainage Basin, and the resulting Percentage Rank (Cost-share Multiplier).

Drainage Basin	SWCD Number	District Name	Agricultural Pollutant Potential Rank	Total Agricultural Area (acres) of Hydrologic Units in each District by Agricultural Pollutant Potential Rank and Drainage Basin	Percentage AGLAND Rank (Cost-share Multiplier)
CB~~CB~~	1~~1~~	TIDEWATER~~TIDEWATER~~	HIGH~~HIGH~~	13761~~4706~~	0.022815~~0.00519~~
CB~~CB~~	1~~1~~	TIDEWATER~~TIDEWATER~~	LOW~~MED~~	0~~32747~~	0.000000~~0.03462~~
CB~~CB~~	1~~1~~	TIDEWATER~~TIDEWATER~~	MED~~LOW~~	17884~~5515~~	0.022452~~0.00585~~
CB~~CB~~	2~~2~~	THOMAS JEFFERSON~~THOMAS JEFFERSON~~	HIGH~~HIGH~~	8734~~34985~~	0.014481~~0.03857~~
CB~~CB~~	2~~2~~	THOMAS JEFFERSON~~THOMAS JEFFERSON~~	LOW~~MED~~	97484~~85792~~	0.127047~~0.09070~~
CB~~CB~~	2~~2~~	THOMAS JEFFERSON~~THOMAS JEFFERSON~~	MED~~LOW~~	51776~~110418~~	0.065004~~0.11710~~
CB~~CB~~	3~~3~~	SOUTHSIDE~~SOUTHSIDE~~	HIGH~~HIGH~~	0~~0~~	0.000000~~0.00000~~
CB~~CB~~	3~~3~~	SOUTHSIDE~~SOUTHSIDE~~	LOW~~MED~~	42~~0~~	0.000054~~0.00000~~
CB~~CB~~	3~~3~~	SOUTHSIDE~~SOUTHSIDE~~	MED~~LOW~~	0~~59~~	0.000000~~0.00006~~
CB~~CB~~	4~~4~~	NATURAL BRIDGE~~NATURAL BRIDGE~~	HIGH~~HIGH~~	0~~0~~	0.000000~~0.00000~~
CB~~CB~~	4~~4~~	NATURAL BRIDGE~~NATURAL BRIDGE~~	LOW~~MED~~	60361~~16657~~	0.078665~~0.01761~~
CB~~CB~~	4~~4~~	NATURAL BRIDGE~~NATURAL BRIDGE~~	MED~~LOW~~	11116~~61968~~	0.013956~~0.06572~~
CB~~CB~~	5~~5~~	PIEDMONT~~PIEDMONT~~	HIGH~~HIGH~~	2245~~14791~~	0.003723~~0.01631~~
CB~~CB~~	5~~5~~	PIEDMONT~~PIEDMONT~~	LOW~~MED~~	35446~~53651~~	0.046196~~0.05672~~
CB~~CB~~	5~~5~~	PIEDMONT~~PIEDMONT~~	MED~~LOW~~	40491~~51430~~	0.050835~~0.05454~~
CB~~CB~~	6~~6~~	BLUE RIDGE~~BLUE RIDGE~~	HIGH~~HIGH~~	0~~0~~	0.000000~~0.00000~~
CB~~CB~~	6~~6~~	BLUE RIDGE~~BLUE RIDGE~~	LOW~~MED~~	2886~~0~~	0.003761~~0.00000~~
CB~~CB~~	6~~6~~	BLUE RIDGE~~BLUE RIDGE~~	MED~~LOW~~	0~~3141~~	0.000000~~0.00333~~
CB~~CB~~	7~~7~~	CULPEPER~~CULPEPER~~	HIGH~~HIGH~~	51418~~105349~~	0.085248~~0.11615~~
CB~~CB~~	7~~7~~	CULPEPER~~CULPEPER~~	LOW~~MED~~	97290~~93299~~	0.126794~~0.09864~~
CB~~CB~~	7~~7~~	CULPEPER~~CULPEPER~~	MED~~LOW~~	84263~~87239~~	0.105790~~0.09252~~
CB~~CB~~	8~~8~~	NORTHERN NECK~~NORTHERN NECK~~	HIGH~~HIGH~~	59541~~82317~~	0.098716~~0.09075~~

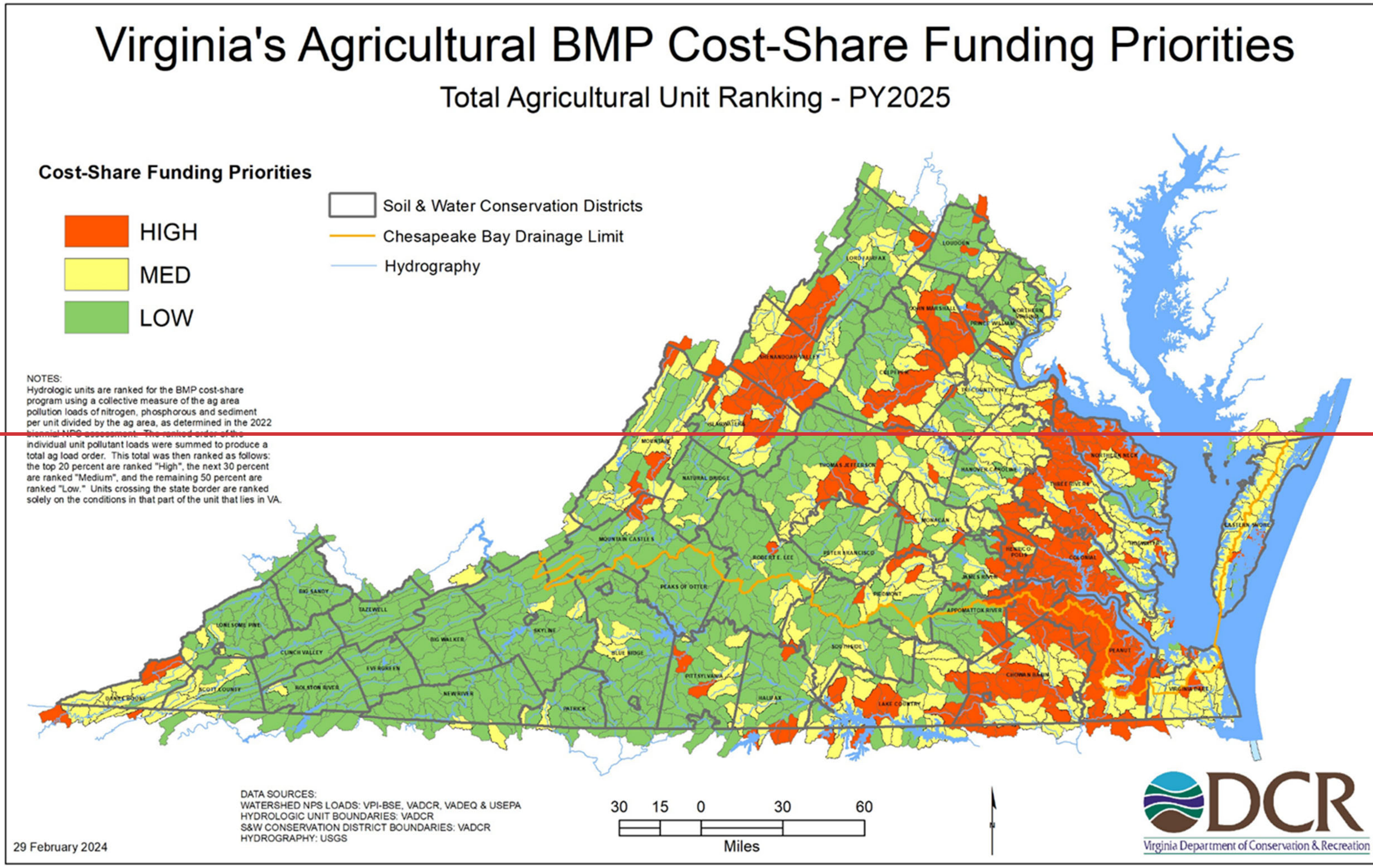
CB~~CB~~	8~~8~~	NORTHERN NECK~~NORTHERN NECK~~	LOW~~MED~~	0~~33522~~	0.000000~~0.03544~~
CB~~CB~~	8~~8~~	NORTHERN NECK~~NORTHERN NECK~~	MED~~LOW~~	44077~~13078~~	0.055338~~0.01387~~
CB~~CB~~	9~~9~~	SHENANDOAH VALLEY~~SHENANDOAH VALLEY~~	HIGH~~HIGH~~	114853~~144515~~	0.190421~~0.15933~~
CB~~CB~~	9~~9~~	SHENANDOAH VALLEY~~SHENANDOAH VALLEY~~	LOW~~MED~~	17825~~49336~~	0.023231~~0.05216~~
CB~~CB~~	9~~9~~	SHENANDOAH VALLEY~~SHENANDOAH VALLEY~~	MED~~LOW~~	52366~~21734~~	0.065744~~0.02305~~
CB~~CB~~	10~~10~~	ROBERT E. LEE~~ROBERT E. LEE~~	HIGH~~HIGH~~	0~~1270~~	0.000000~~0.00140~~
CB~~CB~~	10~~10~~	ROBERT E. LEE~~ROBERT E. LEE~~	LOW~~MED~~	59049~~10387~~	0.076955~~0.01098~~
CB~~CB~~	10~~10~~	ROBERT E. LEE~~ROBERT E. LEE~~	MED~~LOW~~	4014~~77689~~	0.005040~~0.08239~~
CB~~CB~~	12~~12~~	JAMES RIVER~~JAMES RIVER~~	HIGH~~HIGH~~	10920~~16907~~	0.018105~~0.01864~~
CB~~CB~~	12~~12~~	JAMES RIVER~~JAMES RIVER~~	LOW~~MED~~	732~~5718~~	0.000954~~0.00604~~
CB~~CB~~	12~~12~~	JAMES RIVER~~JAMES RIVER~~	MED~~LOW~~	3000~~5428~~	0.003767~~0.00576~~
CB~~CB~~	13~~13~~	LORD FAIRFAX~~LORD FAIRFAX~~	HIGH~~HIGH~~	44149~~76011~~	0.073198~~0.08380~~
CB~~CB~~	13~~13~~	LORD FAIRFAX~~LORD FAIRFAX~~	LOW~~MED~~	86349~~67406~~	0.112535~~0.07126~~
CB~~CB~~	13~~13~~	LORD FAIRFAX~~LORD FAIRFAX~~	MED~~LOW~~	67888~~96946~~	0.085231~~0.10281~~
CB~~CB~~	14~~14~~	SKYLINE~~SKYLINE~~	HIGH~~HIGH~~	0~~0~~	0.000000~~0.00000~~
CB~~CB~~	14~~14~~	SKYLINE~~SKYLINE~~	LOW~~MED~~	78~~0~~	0.000101~~0.00000~~
CB~~CB~~	14~~14~~	SKYLINE~~SKYLINE~~	MED~~LOW~~	0~~211~~	0.000000~~0.00022~~
CB~~CB~~	15~~15~~	PEANUT~~PEANUT~~	HIGH~~HIGH~~	44900~~56403~~	0.074441~~0.06218~~
CB~~CB~~	15~~15~~	PEANUT~~PEANUT~~	LOW~~MED~~	0~~8364~~	0.000000~~0.00884~~
CB~~CB~~	15~~15~~	PEANUT~~PEANUT~~	MED~~LOW~~	7135~~0~~	0.008957~~0.00000~~
CB~~CB~~	16~~16~~	MOUNTAIN~~MOUNTAIN~~	HIGH~~HIGH~~	4045~~3907~~	0.006707~~0.00431~~
CB~~CB~~	16~~16~~	MOUNTAIN~~MOUNTAIN~~	LOW~~MED~~	25485~~32016~~	0.033214~~0.03385~~
CB~~CB~~	16~~16~~	MOUNTAIN~~MOUNTAIN~~	MED~~LOW~~	36505~~33218~~	0.045831~~0.03523~~
CB~~CB~~	17~~17~~	TRI-COUNTY/CITY~~TRI-COUNTY/CITY~~	HIGH~~HIGH~~	15142~~4249~~	0.025105~~0.00468~~
CB~~CB~~	17~~17~~	TRI-COUNTY/CITY~~TRI-COUNTY/CITY~~	LOW~~MED~~	6602~~56168~~	0.008604~~0.05938~~
CB~~CB~~	17~~17~~	TRI-COUNTY/CITY~~TRI-COUNTY/CITY~~	MED~~LOW~~	22330~~18038~~	0.028035~~0.01913~~
CB~~CB~~	18~~18~~	COLONIAL~~COLONIAL~~	HIGH~~HIGH~~	29500~~39615~~	0.048910~~0.04368~~
CB~~CB~~	18~~18~~	COLONIAL~~COLONIAL~~	LOW~~MED~~	65~~7008~~	0.000084~~0.00741~~
CB~~CB~~	18~~18~~	COLONIAL~~COLONIAL~~	MED~~LOW~~	2866~~593~~	0.003599~~0.00063~~
CB~~CB~~	20~~20~~	EASTERN SHORE~~EASTERN SHORE~~	HIGH~~HIGH~~	0~~0~~	0.000000~~0.00000~~
CB~~CB~~	20~~20~~	EASTERN SHORE~~EASTERN SHORE~~	LOW~~MED~~	0~~68825~~	0.000000~~0.07276~~
CB~~CB~~	20~~20~~	EASTERN SHORE~~EASTERN SHORE~~	MED~~LOW~~	61275~~0~~	0.076928~~0.00000~~
CB~~CB~~	21~~21~~	NORTHERN VIRGINIA~~NORTHERN VIRGINIA~~	HIGH~~HIGH~~	0~~0~~	0.000000~~0.00000~~

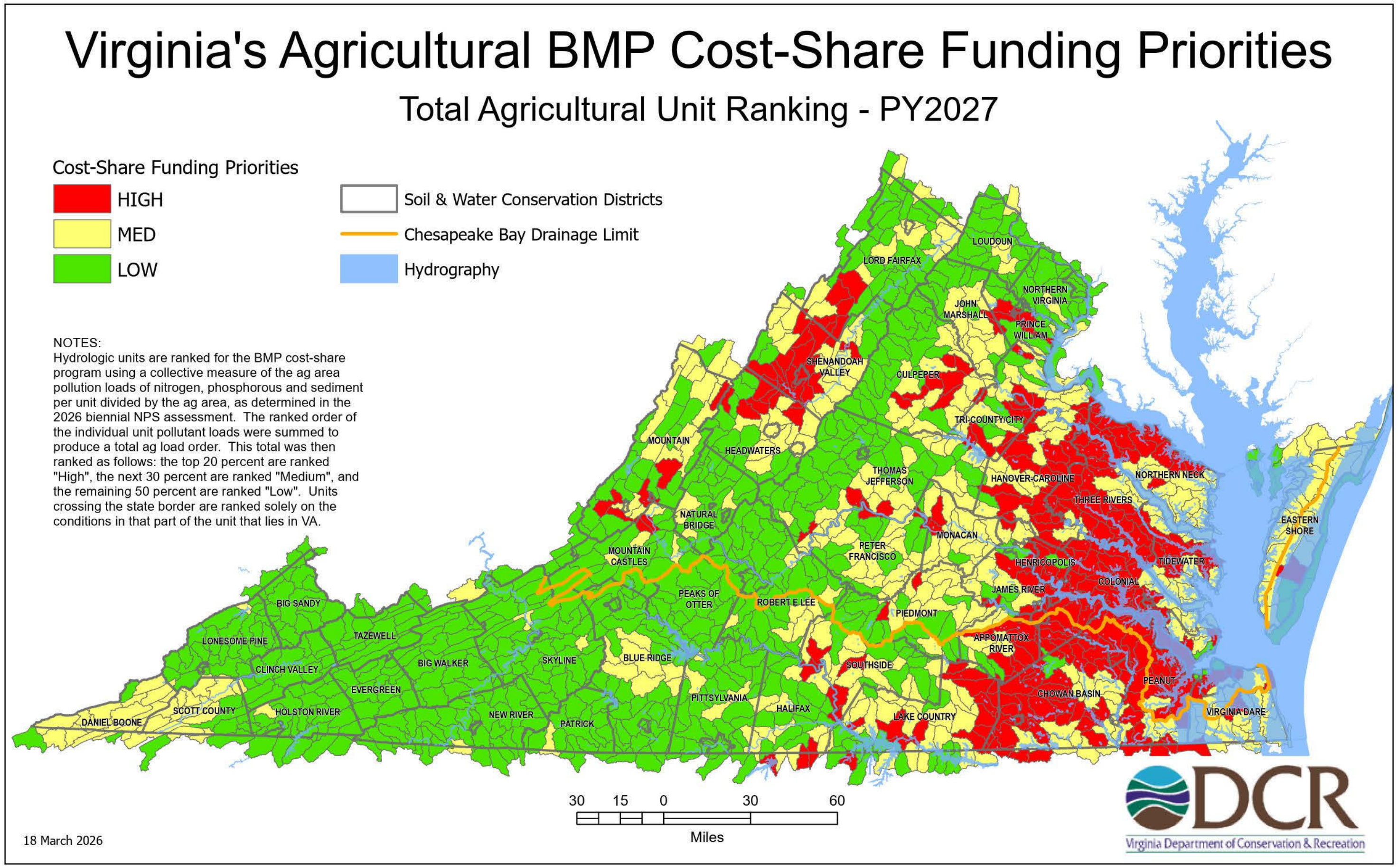
CB~~CB~~	21~~21~~	NORTHERN VIRGINIA~~NORTHERN VIRGINIA~~	LOW~~MED~~	1114~~1514~~	0.001452~~0.00160~~
CB~~CB~~	21~~21~~	NORTHERN VIRGINIA~~NORTHERN VIRGINIA~~	MED~~LOW~~	13~~3555~~	0.000017~~0.00377~~
CB~~CB~~	22~~22~~	VIRGINIA DARE~~VIRGINIA DARE~~	HIGH~~HIGH~~	325~~656~~	0.000539~~0.00072~~
CB~~CB~~	22~~22~~	VIRGINIA DARE~~VIRGINIA DARE~~	LOW~~MED~~	0~~4356~~	0.000000~~0.00461~~
CB~~CB~~	22~~22~~	VIRGINIA DARE~~VIRGINIA DARE~~	MED~~LOW~~	3286~~0~~	0.004126~~0.00000~~
CB~~CB~~	30~~30~~	HANOVER-CAROLINE~~HANOVER-CAROLINE~~	HIGH~~HIGH~~	52042~~15059~~	0.086283~~0.01660~~
CB~~CB~~	30~~30~~	HANOVER-CAROLINE~~HANOVER-CAROLINE~~	LOW~~MED~~	2159~~84709~~	0.002813~~0.08956~~
CB~~CB~~	30~~30~~	HANOVER-CAROLINE~~HANOVER-CAROLINE~~	MED~~LOW~~	32174~~24828~~	0.040393~~0.02633~~
CB~~CB~~	32~~32~~	JOHN MARSHALL~~JOHN MARSHALL~~	HIGH~~HIGH~~	3175~~84083~~	0.005264~~0.09270~~
CB~~CB~~	32~~32~~	JOHN MARSHALL~~JOHN MARSHALL~~	LOW~~MED~~	59131~~33178~~	0.077062~~0.03508~~
CB~~CB~~	32~~32~~	JOHN MARSHALL~~JOHN MARSHALL~~	MED~~LOW~~	69545~~33541~~	0.087311~~0.03557~~
CB~~CB~~	34~~34~~	PEAKS OF OTTER~~PEAKS OF OTTER~~	HIGH~~HIGH~~	0~~0~~	0.000000~~0.00000~~
CB~~CB~~	34~~34~~	PEAKS OF OTTER~~PEAKS OF OTTER~~	LOW~~MED~~	6360~~0~~	0.008289~~0.00000~~
CB~~CB~~	34~~34~~	PEAKS OF OTTER~~PEAKS OF OTTER~~	MED~~LOW~~	0~~8690~~	0.000000~~0.00922~~
CB~~CB~~	35~~35~~	PRINCE WILLIAM~~PRINCE WILLIAM~~	HIGH~~HIGH~~	6718~~9267~~	0.011138~~0.01022~~
CB~~CB~~	35~~35~~	PRINCE WILLIAM~~PRINCE WILLIAM~~	LOW~~MED~~	12189~~3702~~	0.015886~~0.00391~~
CB~~CB~~	35~~35~~	PRINCE WILLIAM~~PRINCE WILLIAM~~	MED~~LOW~~	1130~~16649~~	0.001419~~0.01766~~
CB~~CB~~	36~~36~~	LOUDOUN~~LOUDOUN~~	HIGH~~HIGH~~	0~~7123~~	0.000000~~0.00785~~
CB~~CB~~	36~~36~~	LOUDOUN~~LOUDOUN~~	LOW~~MED~~	79825~~4724~~	0.104033~~0.00499~~
CB~~CB~~	36~~36~~	LOUDOUN~~LOUDOUN~~	MED~~LOW~~	9750~~99346~~	0.012240~~0.10536~~
CB~~CB~~	38~~38~~	MONACAN~~MONACAN~~	HIGH~~HIGH~~	4228~~8288~~	0.007010~~0.00914~~
CB~~CB~~	38~~38~~	MONACAN~~MONACAN~~	LOW~~MED~~	3054~~36483~~	0.003980~~0.03857~~
CB~~CB~~	38~~38~~	MONACAN~~MONACAN~~	MED~~LOW~~	31945~~20103~~	0.040106~~0.02132~~
CB~~CB~~	39~~39~~	PETER FRANCISCO~~PETER FRANCISCO~~	HIGH~~HIGH~~	1871~~2631~~	0.003103~~0.00290~~
CB~~CB~~	39~~39~~	PETER FRANCISCO~~PETER FRANCISCO~~	LOW~~MED~~	22858~~36289~~	0.029790~~0.03837~~
CB~~CB~~	39~~39~~	PETER FRANCISCO~~PETER FRANCISCO~~	MED~~LOW~~	36164~~62366~~	0.045402~~0.06614~~
CB~~CB~~	40~~40~~	HENRICOPOLIS~~HENRICOPOLIS~~	HIGH~~HIGH~~	8758~~11893~~	0.014520~~0.01311~~
CB~~CB~~	40~~40~~	HENRICOPOLIS~~HENRICOPOLIS~~	LOW~~MED~~	1136~~2472~~	0.001480~~0.00261~~
CB~~CB~~	40~~40~~	HENRICOPOLIS~~HENRICOPOLIS~~	MED~~LOW~~	262~~653~~	0.000329~~0.00069~~
CB~~CB~~	41~~41~~	HEADWATERS~~HEADWATERS~~	HIGH~~HIGH~~	46603~~89448~~	0.077265~~0.09862~~
CB~~CB~~	41~~41~~	HEADWATERS~~HEADWATERS~~	LOW~~MED~~	48420~~76909~~	0.063103~~0.08131~~
CB~~CB~~	41~~41~~	HEADWATERS~~HEADWATERS~~	MED~~LOW~~	76132~~26067~~	0.095582~~0.02764~~

CB~~CB~~	42~~42~~	APPOMATTOX RIVER~~APPOMATTOX RIVER~~	HIGH~~HIGH~~	691~~1392~~	0.001145~~0.00153~~
CB~~CB~~	42~~42~~	APPOMATTOX RIVER~~APPOMATTOX RIVER~~	LOW~~MED~~	287~~0~~	0.000374~~0.00000~~
CB~~CB~~	42~~42~~	APPOMATTOX RIVER~~APPOMATTOX RIVER~~	MED~~LOW~~	3828~~6865~~	0.004806~~0.00728~~
CB~~CB~~	43~~43~~	THREE RIVERS~~THREE RIVERS~~	HIGH~~HIGH~~	77610~~87537~~	0.128674~~0.09651~~
CB~~CB~~	43~~43~~	THREE RIVERS~~THREE RIVERS~~	LOW~~MED~~	0~~39264~~	0.000000~~0.04151~~
CB~~CB~~	43~~43~~	THREE RIVERS~~THREE RIVERS~~	MED~~LOW~~	21143~~227~~	0.026545~~0.00024~~
CB~~CB~~	45~~45~~	MOUNTAIN CASTLES~~MOUNTAIN CASTLES~~	HIGH~~HIGH~~	1924~~4629~~	0.003190~~0.00510~~
CB~~CB~~	45~~45~~	MOUNTAIN CASTLES~~MOUNTAIN CASTLES~~	LOW~~MED~~	41082~~1376~~	0.053541~~0.00145~~
CB~~CB~~	45~~45~~	MOUNTAIN CASTLES~~MOUNTAIN CASTLES~~	MED~~LOW~~	4156~~53338~~	0.005218~~0.05657~~
OCB~~OCB~~	3~~3~~	SOUTHSIDE~~SOUTHSIDE~~	HIGH~~HIGH~~	11302~~1829~~	0.049374158~~0.00621~~
OCB~~OCB~~	3~~3~~	SOUTHSIDE~~SOUTHSIDE~~	LOW~~MED~~	24359~~47707~~	0.022767018~~0.08612~~
OCB~~OCB~~	3~~3~~	SOUTHSIDE~~SOUTHSIDE~~	MED~~LOW~~	42694~~73943~~	0.096342703~~0.04797~~
OCB~~OCB~~	5~~5~~	PIEDMONT~~PIEDMONT~~	HIGH~~HIGH~~	18~~0~~	8.00989E-05~~0.00000~~
OCB~~OCB~~	5~~5~~	PIEDMONT~~PIEDMONT~~	LOW~~MED~~	7633~~4092~~	0.007134466~~0.00739~~
OCB~~OCB~~	5~~5~~	PIEDMONT~~PIEDMONT~~	MED~~LOW~~	4325~~15530~~	0.009760756~~0.01008~~
OCB~~OCB~~	6~~6~~	BLUE RIDGE~~BLUE RIDGE~~	HIGH~~HIGH~~	0~~79~~	0~~0.00027~~
OCB~~OCB~~	6~~6~~	BLUE RIDGE~~BLUE RIDGE~~	LOW~~MED~~	4580~~125275~~	0.042806758~~0.04563~~
OCB~~OCB~~	6~~6~~	BLUE RIDGE~~BLUE RIDGE~~	MED~~LOW~~	37427~~123721~~	0.084457441~~0.08027~~
OCB~~OCB~~	10~~10~~	ROBERT E. LEE~~ROBERT E. LEE~~	HIGH~~HIGH~~	0~~0~~	0~~0.00000~~
OCB~~OCB~~	10~~10~~	ROBERT E. LEE~~ROBERT E. LEE~~	LOW~~MED~~	4622~~422004~~	0.043202159~~0.03972~~
OCB~~OCB~~	10~~10~~	ROBERT E. LEE~~ROBERT E. LEE~~	MED~~LOW~~	2206~~476193~~	0.049790794~~0.04943~~
OCB~~OCB~~	11~~11~~	NEW RIVER~~NEW RIVER~~	HIGH~~HIGH~~	0~~0~~	0~~0.00000~~
OCB~~OCB~~	11~~11~~	NEW RIVER~~NEW RIVER~~	LOW~~MED~~	113087~~2522~~	0.105695125~~0.00455~~
OCB~~OCB~~	11~~11~~	NEW RIVER~~NEW RIVER~~	MED~~LOW~~	1767~~137898~~	0.003986607~~0.08947~~
OCB~~OCB~~	12~~12~~	JAMES RIVER~~JAMES RIVER~~	HIGH~~HIGH~~	1105~~414491~~	0.048289853~~0.04920~~
OCB~~OCB~~	12~~12~~	JAMES RIVER~~JAMES RIVER~~	LOW~~MED~~	297~~2131~~	0.000277413~~0.00385~~
OCB~~OCB~~	12~~12~~	JAMES RIVER~~JAMES RIVER~~	MED~~LOW~~	0~~518~~	0~~0.00034~~
OCB~~OCB~~	14~~14~~	SKYLINE~~SKYLINE~~	HIGH~~HIGH~~	0~~0~~	0~~0.00000~~
OCB~~OCB~~	14~~14~~	SKYLINE~~SKYLINE~~	LOW~~MED~~	163499~~5593~~	0.152811698~~0.01010~~
OCB~~OCB~~	14~~14~~	SKYLINE~~SKYLINE~~	MED~~LOW~~	3475~~189456~~	0.007841877~~0.12292~~
OCB~~OCB~~	15~~15~~	PEANUT~~PEANUT~~	HIGH~~HIGH~~	6457~~176798~~	0.282094044~~0.26073~~
OCB~~OCB~~	15~~15~~	PEANUT~~PEANUT~~	LOW~~MED~~	0~~23122~~	0~~0.04174~~
OCB~~OCB~~	15~~15~~	PEANUT~~PEANUT~~	MED~~LOW~~	19564~~0~~	0.044147349~~0.00000~~
OCB~~OCB~~	19~~19~~	CHOWAN BASIN~~CHOWAN BASIN~~	HIGH~~HIGH~~	85837~~112145~~	0.375001237~~0.38074~~

OCB~~OCB~~	19~~19~~	CHOWAN BASIN~~CHOWAN BASIN~~	LOW~~MED~~	317~~196937~~	0.002963368~~0.17499~~
OCB~~OCB~~	19~~19~~	CHOWAN BASIN~~CHOWAN BASIN~~	MED~~LOW~~	47748~~4365~~	0.107748977~~0.00283~~
OCB~~OCB~~	20~~20~~	EASTERN SHORE~~EASTERN SHORE~~	HIGH~~HIGH~~	1349~~1794~~	0.005893069~~0.00609~~
OCB~~OCB~~	20~~20~~	EASTERN SHORE~~EASTERN SHORE~~	LOW~~MED~~	0~~49410~~	0~~0.08919~~
OCB~~OCB~~	20~~20~~	EASTERN SHORE~~EASTERN SHORE~~	MED~~LOW~~	44556~~0~~	0.100546416~~0.00000~~
OCB~~OCB~~	22~~22~~	VIRGINIA DARE~~VIRGINIA DARE~~	HIGH~~HIGH~~	2214~~2581~~	0.009673424~~0.00876~~
OCB~~OCB~~	22~~22~~	VIRGINIA DARE~~VIRGINIA DARE~~	LOW~~MED~~	0~~59884~~	0~~0.10810~~
OCB~~OCB~~	22~~22~~	VIRGINIA DARE~~VIRGINIA DARE~~	MED~~LOW~~	52234~~0~~	0.117870448~~0.00000~~
OCB~~OCB~~	23~~23~~	HOLSTON RIVER~~HOLSTON RIVER~~	HIGH~~HIGH~~	0~~0~~	0~~0.00000~~
OCB~~OCB~~	23~~23~~	HOLSTON RIVER~~HOLSTON RIVER~~	LOW~~MED~~	84641~~2040~~	0.07910853~~0.00368~~
OCB~~OCB~~	23~~23~~	HOLSTON RIVER~~HOLSTON RIVER~~	MED~~LOW~~	1648~~95191~~	0.003718488~~0.06176~~
OCB~~OCB~~	24~~24~~	DANIEL BOONE~~DANIEL BOONE~~	HIGH~~HIGH~~	0~~1778~~	0~~0.00604~~
OCB~~OCB~~	24~~24~~	DANIEL BOONE~~DANIEL BOONE~~	LOW~~MED~~	0~~50641~~	0~~0.09142~~
OCB~~OCB~~	24~~24~~	DANIEL BOONE~~DANIEL BOONE~~	MED~~LOW~~	46693~~5962~~	0.105368054~~0.00387~~
OCB~~OCB~~	25~~25~~	CLINCH VALLEY~~CLINCH VALLEY~~	HIGH~~HIGH~~	0~~0~~	0~~0.00000~~
OCB~~OCB~~	25~~25~~	CLINCH VALLEY~~CLINCH VALLEY~~	LOW~~MED~~	64914~~0~~	0.060671026~~0.00000~~
OCB~~OCB~~	25~~25~~	CLINCH VALLEY~~CLINCH VALLEY~~	MED~~LOW~~	480~~72910~~	0.001084031~~0.04730~~
OCB~~OCB~~	26~~26~~	SCOTT COUNTY~~SCOTT COUNTY~~	HIGH~~HIGH~~	0~~0~~	0~~0.00000~~
OCB~~OCB~~	26~~26~~	SCOTT COUNTY~~SCOTT COUNTY~~	LOW~~MED~~	21747~~19853~~	0.020325818~~0.03584~~
OCB~~OCB~~	26~~26~~	SCOTT COUNTY~~SCOTT COUNTY~~	MED~~LOW~~	21669~~36922~~	0.048898849~~0.02395~~
OCB~~OCB~~	27~~27~~	LONESOME PINE~~LONESOME PINE~~	HIGH~~HIGH~~	0~~0~~	0~~0.00000~~
OCB~~OCB~~	27~~27~~	LONESOME PINE~~LONESOME PINE~~	LOW~~MED~~	7736~~1521~~	0.007230762~~0.00274~~
OCB~~OCB~~	27~~27~~	LONESOME PINE~~LONESOME PINE~~	MED~~LOW~~	109~~18507~~	0.000246078~~0.01201~~
OCB~~OCB~~	28~~28~~	EVERGREEN~~EVERGREEN~~	HIGH~~HIGH~~	0~~0~~	0~~0.00000~~
OCB~~OCB~~	28~~28~~	EVERGREEN~~EVERGREEN~~	LOW~~MED~~	54141~~0~~	0.050601768~~0.00000~~
OCB~~OCB~~	28~~28~~	EVERGREEN~~EVERGREEN~~	MED~~LOW~~	0~~60409~~	0~~0.03919~~
OCB~~OCB~~	29~~29~~	TAZEWELL~~TAZEWELL~~	HIGH~~HIGH~~	0~~0~~	0~~0.00000~~
OCB~~OCB~~	29~~29~~	TAZEWELL~~TAZEWELL~~	LOW~~MED~~	50403~~0~~	0.047108259~~0.00000~~
OCB~~OCB~~	29~~29~~	TAZEWELL~~TAZEWELL~~	MED~~LOW~~	0~~57816~~	0~~0.03751~~
OCB~~OCB~~	31~~31~~	PITTSYLVANIA~~PITTSYLVANIA~~	HIGH~~HIGH~~	0~~17387~~	0~~0.05903~~
OCB~~OCB~~	31~~31~~	PITTSYLVANIA~~PITTSYLVANIA~~	LOW~~MED~~	84185~~35383~~	0.078682359~~0.06387~~
OCB~~OCB~~	31~~31~~	PITTSYLVANIA~~PITTSYLVANIA~~	MED~~LOW~~	16949~~116491~~	0.038247521~~0.07558~~
OCB~~OCB~~	33~~33~~	HALIFAX~~HALIFAX~~	HIGH~~HIGH~~	3478~~6181~~	0.015192713~~0.02098~~
OCB~~OCB~~	33~~33~~	HALIFAX~~HALIFAX~~	LOW~~MED~~	33963~~24093~~	0.031743036~~0.04349~~
OCB~~OCB~~	33~~33~~	HALIFAX~~HALIFAX~~	MED~~LOW~~	23803~~80522~~	0.053713574~~0.05224~~
OCB~~OCB~~	34~~34~~	PEAKS OF OTTER~~PEAKS OF OTTER~~	HIGH~~HIGH~~	0~~0~~	0~~0.00000~~
OCB~~OCB~~	34~~34~~	PEAKS OF OTTER~~PEAKS OF OTTER~~	LOW~~MED~~	89751~~22~~	0.08388436~~0.00004~~
OCB~~OCB~~	34~~34~~	PEAKS OF OTTER~~PEAKS OF OTTER~~	MED~~LOW~~	0~~116736~~	0~~0.07574~~

OCB~~OCB~~	37~~37~~	BIG WALKER~~BIG WALKER~~	HIGH~~HIGH~~	0~~0~~	0~~0.00000~~
OCB~~OCB~~	37~~37~~	BIG WALKER~~BIG WALKER~~	LOW~~MED~~	116927~~0~~	0.109284187~~0.00000~~
OCB~~OCB~~	37~~37~~	BIG WALKER~~BIG WALKER~~	MED~~LOW~~	0~~134697~~	0~~0.08739~~
OCB~~OCB~~	42~~42~~	APPOMATTOX RIVER~~APPOMATTOX RIVER~~	HIGH~~HIGH~~	21333~~11104~~	0.093196698~~0.03770~~
OCB~~OCB~~	42~~42~~	APPOMATTOX RIVER~~APPOMATTOX RIVER~~	LOW~~MED~~	3311~~6136~~	0.003094749~~0.01108~~
OCB~~OCB~~	42~~42~~	APPOMATTOX RIVER~~APPOMATTOX RIVER~~	MED~~LOW~~	8322~~36744~~	0.018779224~~0.02384~~
OCB~~OCB~~	44~~44~~	PATRICK~~PATRICK~~	HIGH~~HIGH~~	0~~0~~	0~~0.00000~~
OCB~~OCB~~	44~~44~~	PATRICK~~PATRICK~~	LOW~~MED~~	26759~~4431~~	0.025009975~~0.00800~~
OCB~~OCB~~	44~~44~~	PATRICK~~PATRICK~~	MED~~LOW~~	2171~~39384~~	0.004898811~~0.02555~~
OCB~~OCB~~	45~~45~~	MOUNTAIN CASTLES~~MOUNTAIN CASTLES~~	HIGH~~HIGH~~	0~~0~~	0~~0.00000~~
OCB~~OCB~~	45~~45~~	MOUNTAIN CASTLES~~MOUNTAIN CASTLES~~	LOW~~MED~~	13957~~0~~	0.013044638~~0.00000~~
OCB~~OCB~~	45~~45~~	MOUNTAIN CASTLES~~MOUNTAIN CASTLES~~	MED~~LOW~~	0~~16789~~	0~~0.01089~~
OCB~~OCB~~	46~~46~~	LAKE COUNTRY~~LAKE COUNTRY~~	HIGH~~HIGH~~	2774~~48376~~	0.121204705~~0.16424~~
OCB~~OCB~~	46~~46~~	LAKE COUNTRY~~LAKE COUNTRY~~	LOW~~MED~~	1285~~471158~~	0.012014191~~0.12845~~
OCB~~OCB~~	46~~46~~	LAKE COUNTRY~~LAKE COUNTRY~~	MED~~LOW~~	4544~~526045~~	0.102552004~~0.01690~~
OCB~~OCB~~	47~~47~~	BIG SANDY~~BIG SANDY~~	HIGH~~HIGH~~	0~~0~~	0~~0.00000~~
OCB~~OCB~~	47~~47~~	BIG SANDY~~BIG SANDY~~	LOW~~MED~~	576~~0~~	0.000538338~~0.00000~~
OCB~~OCB~~	47~~47~~	BIG SANDY~~BIG SANDY~~	MED~~LOW~~	0~~4601~~	0~~0.00298~~


Virginia's Agricultural BMP Cost-Share Funding Priorities
Total Agricultural Unit Ranking - PY2025
Cost-Share Funding Priorities
HIGH
MED
LOW
Soil & Water Conservation Districts
Chesapeake Bay Drainage Limit
Hydrography
NOTES:
Hydrologic units are ranked for the BMP cost-share program using a collective measure of the ag area pollution loads of nitrogen, phosphorous and sediment per unit divided by the ag area, as determined in the 2022 biennial NPS assessment. The ranked order of the individual unit pollutant loads were summed to produce a total ag load order. This total was then ranked as follows: the top 20 percent are ranked "High", the next 30 percent are ranked "Medium", and the remaining 50 percent are ranked "Low." Units crossing the state border are ranked solely on the conditions in that part of the unit that lies in VA.
DATA SOURCES:
WATERSHED NPS LOADS: VPI-BSE, VADCR, VADEQ & USEPA
HYDROLOGIC UNIT BOUNDARIES: VADCR
S&W CONSERVATION DISTRICT BOUNDARIES: VADCR
HYDROGRAPHY: USGS
30 15 0 30 60
Miles
29 February 2024
DCR
Virginia Department of Conservation & Recreation


Virginia's Agricultural BMP Cost-Share Funding Priorities
Total Agricultural Unit Ranking - PY2027
Cost-Share Funding Priorities
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Soil & Water Conservation Districts
Chesapeake Bay Drainage Limit
Hydrography
NOTES:
Hydrologic units are ranked for the BMP cost-share program using a collective measure of the ag area pollution loads of nitrogen, phosphorous and sediment per unit divided by the ag area, as determined in the 2026 biennial NPS assessment. The ranked order of the individual unit pollutant loads were summed to produce a total ag load order. This total was then ranked as follows: the top 20 percent are ranked "High", the next 30 percent are ranked "Medium", and the remaining 50 percent are ranked "Low". Units crossing the state border are ranked solely on the conditions in that part of the unit that lies in VA.
LOUDOUN
LORD FAIRFAX
NORTHERN VIRGINIA
JOHN MARSHALL
PRINCE WILLIAM
SHENANDOAH VALLEY
CULPEPER
TRI-COUNTY/CITY
MOUNTAIN
HEADWATERS
THOMAS JEFFERSON
HANOVER-CAROLINE
NORTHERN NECK
THREE RIVERS
NATURAL BRIDGE
EASTERN SHORE
MONACAN
PETER FRANCISCO
MOUNTAIN CASTLES
HENRICOPOLIS
TIDEWATER
COLONIAL
JAMES RIVER
PEAKS OF OTTER
ROBERT E LEE
BIG SANDY
PIEDMONT
APPOMATTOX RIVER
TAZEWELL
LONESOME PINE
BIG WALKER
SKYLINE
BLUE RIDGE
SOUTHSIDE
CLINCH VALLEY
PEANUT
EVERGREEN
CHOWAN BASIN
PITTSYLVANIA
SCOTT COUNTY
HALIFAX
HOLSTON RIVER
NEW RIVER
VIRGINIA DARE
DANIEL BOONE
PATRICK
LAKE COUNTRY
30 15 0 30 60
Miles
18 March 2026
DCR
Virginia Department of Conservation & Recreation

Approval of Department of Conservation and Recreation and Virginia Soil and Water Conservation District Cost-Share and Technical Assistance Grant Agreement (Fiscal Year 2027)

Chapter 725, 2025 Session Acts of Assembly, Item 359

X.1. Notwithstanding §10.1-2129 A., Code of Virginia, $26,296,400 the first year from the general fund shall be deposited to the Virginia Water Quality Improvement Fund established under the Water Quality Improvement Act of 1997. Of this amount in the first year, $8,905,800 is designated for deposit to the reserve within the Virginia Water Quality Improvement Fund.

2. Of the remaining amount in the first year, $17,390,600 is authorized for transfer to the Virginia Natural Resources Commitment Fund, a sub fund of the Water Quality Improvement Fund. Notwithstanding any other provision of law, the funds transferred to the Virginia Natural Resources Commitment Fund shall be distributed by the department upon approval of the Virginia Soil and Water Conservation Board in accordance with the board's developed policies to support Agriculture Best Management Practices needs in the next biennium.

3. The appropriation in this paragraph and in Item 365 of this act meets the mandatory deposit requirements associated with the fiscal year 2024 excess general fund revenue collections and discretionary year-end general fund balances.

Chapter _____, 2026 Special Session 1 Acts of Assembly, Item 362

A. 2. Out of the appropriation in this Item, $4,550,000 the first year and $4,550,000 the second year shall be provided for base technical assistance support for the Virginia Soil and Water Conservation Districts. These funds shall be distributed upon approval by the Virginia Soil and Water Conservation Board to the districts in accordance with the Board's established financial allocation policy. These amounts shall be in addition to any other funding provided to the districts for technical assistance for appropriations in excess of $35,000,000. The Virginia Soil and Water Conservation Board is authorized to utilize previous years' unobligated cost-share funds to provide technical assistance funding to Virginia Soil and Water Conservation Districts at a rate no higher than the technical assistance rate percentage funded in the current Appropriation Act.

D.1 Out of the appropriation in this Item, $10,000,000 the first year and $10,000,000 the second year from the Virginia Natural Resources Commitment Fund, a subfund of the Virginia Water Quality Improvement Fund, is hereby appropriated. The funds shall be dispersed by the department pursuant to §10.1-2128.1, Code of Virginia.

2. The source of an amount estimated at $10,000,000 the first year and $10,000,000 the second year to support the nongeneral fund appropriation to the Virginia Natural Resources Commitment Fund shall be the recordation tax fee established in Part 3 of this act.

3. Out of this amount, a total of thirteen percent, or $1,300,000, whichever is greater, shall be appropriated to Virginia Soil and Water Conservation Districts for technical assistance to farmers implementing agricultural best management practices, and $8,700,000 for Agricultural Best

Management Practices Cost-Share Assistance. Of the amount deposited for Cost-Share Assistance, seventy percent shall be used for matching grants for agricultural best management practices on lands in the Commonwealth exclusively or partly within the Chesapeake Bay watershed, and thirty percent shall be used for matching grants for agricultural best management practices on lands in the Commonwealth exclusively outside of the Chesapeake Bay watershed.

T. Notwithstanding §10.1-2129 A., Code of Virginia, $153,669,475 the first year from the general fund shall be deposited to the Virginia Water Quality Improvement Fund established under the Water Quality Improvement Act of 1997. Of this amount in the first year, $7,950,000 shall be appropriated to the Department for the following specified statewide uses: $6,000,000 for nonpoint source projects including direct pay initiatives for nutrient management and resource management plans as well as poultry litter transport; $700,000 for maintenance of the Conservation Application Suite; $500,000 to the Department of Forestry for the Virginia Trees for Clean Water program; $500,000 to the Department of Forestry for water quality grants; and $250,000 for the Commonwealth's match for participation in the Federal Conservation Reserve Enhancement Program (CREP). Notwithstanding Item 361 B., no deposit is designated to the reserve within the Virginia Water Quality Improvement Fund.

2. Of the remaining amount in the first year, $145,719,475 is authorized for transfer to the Virginia Natural Resources Commitment Fund, a sub fund of the Water Quality Improvement Fund. Notwithstanding any other provision of law, the funds transferred to the Virginia Natural Resources Commitment Fund shall be distributed by the Department upon approval of the Virginia Soil and Water Conservation Board in accordance with the board's developed policies, as follows: $88,743,160 shall be used for matching grants for Agricultural Best Management Practices on lands in the Commonwealth exclusively or partly within the Chesapeake Bay watershed, $38,032,783 shall be used for matching grants for Agricultural Best Management Practices on lands in the Commonwealth exclusively outside the Chesapeake Bay watershed, and an additional $18,943,532 in addition to the base funding provided in A.1. shall be appropriated for Technical Assistance for Virginia Soil and Water Conservation Districts.

3. The appropriation in this paragraph of this act meets the mandatory deposit requirements associated with the fiscal year 2025 excess general fund revenue collections and discretionary year-end general fund balances.

U. Notwithstanding any other provision of law, $58,000,000 the first year from interest accrued in the Virginia Natural Resources Commitment Fund is hereby appropriated to be distributed by the Department upon approval of the Virginia Soil and Water Conservation Board in accordance with the board's developed policies, as follows: $35,322,000 shall be used for matching grants for Agricultural Best Management Practices on lands in the Commonwealth exclusively or partly within the Chesapeake Bay watershed, $15,138,000 shall be used for matching grants for Agricultural Best Management Practices on lands in the Commonwealth exclusively outside the Chesapeake Bay watershed, and an additional $7,540,000 in addition to the base funding provided in A.1. shall be appropriated for Technical Assistance for Virginia Soil and Water Conservation Districts.

V. Notwithstanding any other provision of law, $83,883,443 the first year from the Water Quality Improvement Reserve Fund is hereby appropriated to be distributed by the Department upon approval of the Virginia Soil and Water Conservation Board in accordance with the board's developed policies, as follows: $51,085,016 shall be used for matching grants for Agricultural Best Management Practices on lands in the Commonwealth exclusively or partly within the Chesapeake Bay watershed, $21,893,579 shall be used for matching grants for Agricultural Best Management Practices on lands in the Commonwealth exclusively outside the Chesapeake Bay watershed, and an additional $10,904,848 in addition to the base funding provided in A.1. shall be appropriated for Technical Assistance for Virginia Soil and Water Conservation Districts.

§ 10.1-505. Duties of Board.

In addition to other duties and powers conferred upon the Board, it shall have the following duties and powers:
1. To give or loan appropriate financial and other assistance to district directors in carrying out any of their powers and programs.
3. To oversee the programs of the districts.
11. To provide, from such funds appropriated for districts, financial assistance for the administrative, operational and technical support of districts.

Recommended Motion:

The Virginia Soil and Water Conservation Board (Board) approves the Department of Conservation and Recreation and Virginia Soil and Water Conservation District Cost-Share and Technical Assistance Grant Agreement (Fiscal Year 2027).

DEPARTMENT OF CONSERVATION AND RECREATION AND VIRGINIA SOIL AND WATER CONSERVATION DISTRICT (Department/ District) GRANT AGREEMENT:

Cost-share and Technical Assistance from the Commonwealth of Virginia

Agreement Number «AgreementN»

This Agreement becomes effective as of the 1st day of July ~~2025~~ 2026, between the Virginia Department of Conservation and Recreation (Department), herein referred to as the Department and the «SWCD» Soil and Water Conservation District (District), herein referred to as the District. This Agreement supersedes Fiscal Year ~~2025~~ 2026 (~~FY2025~~ FY2026) Agreements; accordingly, this Agreement governs the distribution and disbursement of new Fiscal Year ~~2026~~ 2027 (~~FY26~~ FY27) cost-share and technical assistance funds.

The parties of this Agreement, in consideration of the mutual covenants and stipulations set out herein, agree as follows:

(1) SCOPE OF SERVICE:

The District shall provide the services set forth in **Attachment A (*Fiscal Year ~~2026~~ 2027 Performance "Deliverables"*)**, the terms of which are incorporated herein. The Department, as directed by the Virginia Soil and Water Conservation Board (Board), shall assess at the end of Fiscal Year ~~2026 (FY26)~~ 2027 (FY27) each District's success in meeting the deliverables utilizing an A (fully satisfied), B (partially fulfilled), and C (did not fulfill) evaluation scale (**Attachment C**).

The results of the assessment, the two-year financial audit, and the cost-share file audit shall be shared with the Audit Subcommittee, and the Board as needed. In conjunction with the results, any explanations or actions taken by the District as result of the assessment, financial audit, or cost-share file audit should be presented to the Audit Subcommittee. For any Districts where deficiencies were noted in the assessment, financial audit, or the cost-share file audit, the Audit Subcommittee shall direct actions for the District, and the Department if applicable, to take to address the deficiencies. The timeframe for the actions to be taken shall also be established by the Audit Subcommittee. A letter to the District Chair from the Audit Subcommittee Chair shall provide notice of the actions taken by the Subcommittee, or Board if applicable, and the expectations for District action. Additionally, the Audit Subcommittee or the Board may request the District Board Chair or a designated Director attend the next scheduled Audit Subcommittee meeting to discuss the actions taken by the District or to address concerns raised by the Subcommittee.

If during a District's financial audit, either additional or repeat comments are cited, the Audit Subcommittee may require the District undergo a special audit to ensure the integrity of the District's financial policies and procedures. Any special audits will be conducted at the expense of the District and will be reduced from the upcoming fiscal year's allocation.

Failure to meet performance deliverables contained in Attachment A may result in the withholding of funding granted by the Department to the District set out in this Grant Agreement, either temporarily, or permanently, and/ or result in funding adjustments to the District's future fiscal year's funding allocations. Such actions shall be taken at the recommendation of the Subcommittee and upon approval of the Board. The Board may also reduce future funding to Districts that fail to act upon guidance and recommendations from auditors, the Department, the Audit Subcommittee, and the Board. In the event the District fails to comply with the provisions of this Agreement, the Board reserves the right to require repayment of previously issued funds and/or direct further appropriate actions based upon noncompliance circumstances. Should an issue arise that impacts funding, the District will be apprised of the issue(s) and be provided an opportunity to address the concerns of the Board prior to Board action. Board actions will be considered on a case-by-case basis.

(2) TIME OF PERFORMANCE:
The services of the District shall commence on July 1, ~~2025~~ 2026 and shall terminate on June 30, ~~2026~~ 2027 unless extended or superseded by a renewed grant agreement during this contract period.

(3) COMPENSATION:
The District shall be funded, in accordance with the provisions of this Agreement, by the Department for services as set forth in **Attachment A** and in the amounts set out in **Attachment B**. The Department's fulfillment of cost-share and technical assistance funding to the District which is specified within this Agreement is contingent upon appropriations by the Virginia General Assembly. Should funding availability fall short of appropriation projections during the course of ~~FY26~~ FY27, after the Department has utilized all unallocated and unobligated balances it may have available (such as CTI), every District will receive an equal percent reduction which will be calculated and deducted from each District's unobligated total approved cost-share and technical assistance funding specified within the Department/District Grant Agreement. When a reduction of funds is necessary, the Department will make reductions from available unobligated cost-share first and reduce technical assistance last. Should a reduction of funds occur, every District must return funding within 30 days of receiving notice of such reduction from the Department. Should all cost-share and technical assistance funding within a District be obligated and it becomes necessary to reduce such funds, then adjustments will be made to the next fiscal year's spending plan to honor existing commitments from the prior fiscal year first or during reallocation as determined by the Department.

The District shall spend the funds according to the specified categories as referenced in **Attachment B**. Any cost overruns incurred by the District during the time of performance shall be the responsibility of the District.

(4) MATCHING FUNDS:
The use of funds made available through this Agreement by the Department as a match commitment for other funding opportunities the District may pursue, must be approved by the Department in writing, in advance of any binding commitment entered into by the District. This requirement must be fulfilled to avoid double counting of match commitments against these funds. Match commitment requests will be considered on a case-by-case basis. The final decision is at the sole discretion of the Department.

(5) INFORMATION REQUESTS:
The Department agrees upon request of the District, to furnish or otherwise make available to the District, copies of existing non-proprietary materials in the possession of the Department that are reasonably related to the subject matter of this Agreement and are necessary to the District for completion of performance under this Agreement.

(6) GENERAL PROVISIONS:
The District is expected to comply with generally accepted financial accounting principles; to annually review the current version of **DCR's *Desktop Procedures for District ~~Fiscal~~ Operations***; to modify existing accounting procedures to comply with the auditor and Board recommendations; to abide by laws and standards applicable to employment of staff; to develop and comply with internal policies regarding Conflict of Interest that comport with State law; to develop and comply with internal policies regarding Freedom of Information Act requirements that comport with State law; and to operate under a system of reasonable, adequate internal controls that provide integrity to all facets of District management and delivery of programs and services for the public good.

For the purposes of procurement, Districts are considered a unit of local government. The District is encouraged to use the web-based purchasing system eVA, especially to announce District bid opportunities, invite bidders, receive quotes, and place orders for goods and services. Furthermore, all Districts shall participate throughout the Agreement period in the Commonwealth of Virginia's Financial Electronic Data Interchange (FEDI) program.

Expenditure of District funds, regardless of source, will be made without regard to any person's race, color, religion, sex, age, national origin, handicap, or political affiliation.

Nothing in this Agreement shall be construed as authority for either party to make commitments which will bind the other party beyond the ~~FY25~~ FY27 Performance Deliverables contained herein. The schedule of service set forth in **Attachment A and Attachment C** shall be deemed to have been consented to upon the execution of this Grant Agreement by the Department.

(7) TERMINATION:
This Agreement is established in the spirit of a conservation partnership. Either party may terminate this Agreement with cause, upon sixty (60) days written notice to the other party. The District shall not expend state funding awarded under this Agreement for services rendered or expenses incurred after receipt of such notice except such fees and expenses incurred prior to the effective date of termination that are necessary for curtailment of work under this Agreement. From the date of such notice, the District shall within sixty (60) days refund a pro-rated amount based on a monthly value, minus any documented fees and expenses referenced above, to the Department.

In the event of breach by either party of this Agreement, either party shall have the right immediately to rescind, revoke, or terminate the Agreement. In such event, either party will give written notice to the other specifying the manner in which the Agreement has been breached. When such a breach occurs, either party may be provided opportunity to correct the breach within sixty (60) days of receipt of the written notice. If acceptable corrections have not occurred by the close of that period, either party shall have the right to terminate this Agreement.

In the event of rescission, revocation, or termination, all documents and other materials related to the performance of this Agreement shall become the property of the Department.

(8) FINANCIAL RECORDS AVAILABILITY:
The District agrees to retain all books, records, and other documents relative to this Agreement for three (3) fiscal years from the end of the grant period. The Department, its authorized agents, and/or State auditors shall have full access to and the right to examine any of said materials during said period.

All funds received by Districts are public funds and provisions of the Freedom of Information Act shall apply to financial records, unless otherwise specified within the Act or elsewhere in the *Code of Virginia*. Each District shall safeguard, provide accountability, and expend funds only for approved purposes.

(9) PARTNERSHIP ACKNOWLEDGMENTS:
In the spirit of conservation partnership, the Board and Department work with and make available support and assistance to each District in a variety of ways. The conservation partnership will be enhanced through District recognition of its primary partner agencies within certain printed documents produced by the District. Specifically, the District's Strategic Plan (or SWCD 4-year Program and Resource Plan), Annual Plan, and Annual Report will acknowledge Board and Department support and financial assistance by written acknowledgment in the following format:

The Commonwealth of Virginia supports the (Name of district) Soil and Water Conservation District through financial and administrative assistance provided by the Virginia Soil and Water Conservation Board and the Department of Conservation and Recreation.

Acknowledgment of the Board's and Department's support within other publications and products is encouraged.

(10) COST-SHARE ALLOCATION AND DISTRIBUTION:
Cost-share shall be allocated to Districts in accordance with the POLICY AND PROCEDURES ON SOIL AND WATER CONSERVATION DISTRICT COST-SHARE AND TECHNICAL ASSISTANCE FUNDING ALLOCATIONS (FISCAL YEAR ~~2026~~2027) and shall be disbursed in accordance with the provisions of this Agreement and in the amounts set out or referenced in **Attachment B**. Department personnel will confer with District staff at least quarterly to determine their projected needs for cost-share payments for projected completed BMPs. Department personnel will generate a disbursement letter based upon their District's projected ninety-day needs and Agricultural BMP Tracking program data showing obligations. Cost-share payments to applicants shall be conducted in accordance with the *Program Year ~~2026~~ 2027 Virginia Agricultural Cost Share (VACS) BMP Manual.* Any application must meet appropriate technical agency standards and specifications of that practice before cost-share payment is made. Payment is issued after the participant and technical representative have certified practice installation in their Virginia BMP Incentives Contract. Information regarding cost-share payments made by Districts shall be entered into the BMP cost-share tracking database within one month of payments being rendered.

(11) TECHNICAL ASSISTANCE ALLOCATION AND DISTRIBUTION:
Technical Assistance shall be allocated to Districts in accordance with the POLICY AND PROCEDURES ON SOIL AND WATER CONSERVATION DISTRICT COST-SHARE AND TECHNICAL ASSISTANCE FUNDING ALLOCATIONS (FISCAL YEAR ~~2026~~2027) and shall be disbursed in accordance with the provisions of this Agreement and in the amounts set out in **Attachment B**.

~~FY26~~ FY27 technical assistance allocations shall be disbursed to Districts over ~~FY26~~ FY27 in accordance with the following procedures. After the ~~FY25~~ FY26 Fourth Quarter and End of Year reports (including District's End of Year Cash Balance Report and Carry Over Report) have been submitted to the Department, the ~~FY26~~ FY27 Grant Agreement has been executed and a copy of the executed Agreement has been returned to the Department, all of the District's ~~FY26~~ FY27 base technical assistance allocation shall be disbursed during the first quarter of ~~FY26~~ FY27.

~~FY26~~ FY27 cost-share funds will be disbursed quarterly after Department personnel and District staff determine each District's obligations for cost-share contracts in that quarter. ~~FY26~~ FY27 additional technical assistance funds will be disbursed proportionally (~~13%~~12%) with the cost-share funds, provided updates to the AgBMP Tracking Module are being entered monthly to the satisfaction of the Department. Except due to extenuating circumstances or as otherwise set out in the Grant Agreement, disbursements to Districts will be executed within 45 calendar days following the beginning of a quarter contingent upon the satisfactory completion of database updates and the receipt of complete and accurate reports.

Should new ~~FY26~~ FY27 funding be transferred between Districts or reallocated, technical assistance funds noted in the column "~~FY26~~ FY27 TA Addition to the ~~FY26~~ FY27 TA Base" shall proportionally be transferred with the cost-share.

Additionally, should a District decline a recommended cost-share allocation, technical assistance allocations may also be reduced accordingly.

(12) DEPUTY DIRECTOR APPROVAL OF TRANSFER OF COST-SHARE:
After Grant Agreement issuance, Districts may choose to work with the Department to determine if cost-share allocations should be transferred from one District to another District to maximize water quality improvements. Cost-share shall not be transferred between CB and OCB drainage allocations. Prior to a District Board taking formal action to either transfer cost-share allocation or to accept additional cost-share allocation, the Conservation District Coordinator(s) assigned to each District must authorize the transfer or acceptance of cost-share allocation. Adjustments in the cost-share allocations that are approved by the Conservation District Coordinator(s) and the District Boards shall be advanced through the Division's Central Office to the Deputy Director for consideration as District contract adjustments. A completed Transfer of Virginia Agricultural Best Management Practices Cost-Share Program (VACS) Allocated Cost-Share Funds Form 199-225 (Form) from the affected Districts will be required to document their approval of the recommended transaction. The completed Form regarding reallocations/transfers shall be routed to the Comptroller to update the Department's records. For amounts already distributed to Districts, funds shall be returned back to the Department, or deducted from the next quarterly ~~FY26~~ FY27 disbursement(s), for redistribution to the approved receiving District (accordingly such funds shall not be directly sent between Districts). A proportional amount (~~13%~~12%) of technical assistance shall be transferred with the cost-share funds. Such motions and all documentation required to execute the voluntary transfer of cost-share must be submitted to the Department prior to ~~June 15, 2026~~ June 1, 2027.

Aside from transfers of funds approved under this Section, no other movements of cost-share or technical assistance funding may occur between Districts.

(13) TARGETING THE EXPENDITURE OF COST-SHARE FUNDS IN EACH DISTRICT TO MAXIMIZE WATER QUALITY IMPROVEMENTS:
Once cost-share has been allocated to Districts, cost-share expenditures within Districts should be utilized to solve water quality problems by fixing the worst problems first on a field by field basis. Priority Considerations (statewide water quality considerations) shall be used by all Districts to qualify cost-share applications for District Board consideration for funding. Every funded application should meet at least one of the priority considerations set out in the POLICY AND PROCEDURES ON SOIL AND WATER CONSERVATION DISTRICT COST-SHARE AND TECHNICAL ASSISTANCE FUNDING ALLOCATIONS (FISCAL YEAR ~~2026~~2027).

Further, a set of Secondary considerations that identify the local District Board's water quality improvement focus shall be developed by the District Board. The District shall submit their Secondary Considerations to the Department and receive Department approval prior to the District approving cost-share applications. Districts should prioritize the implementation of appropriate BMPs that will reduce the greatest amount of nutrient and sediment contamination while utilizing the least amount of cost-share funds to address site-specific water quality problems in identified high priority watersheds with all Program cost-share funds. Each District shall, when comparing projects for cost-share funding, utilize the Conservation Efficiency Factor (CEF). Districts shall be prepared to verify and document that their cost-share allocations are being spent in accordance with the priority considerations, their approved secondary considerations, and in accordance with the *Program Year ~~2026~~ 2027 Virginia Agricultural Cost Share (VACS) BMP Manual*.

Additionally, for Districts within the Chesapeake Bay basin, Districts shall give priority to BMPs addressed within the Virginia Chesapeake Bay Watershed Implementation Plan; for Districts outside of the Chesapeake Bay basin, priority shall be given to BMPs in the highest priority agricultural TMDL watersheds (as ranked by the Department; high, medium, and low). BMPs within fields covered by a Resource Management Plan shall also receive priority.

(14) REALLOCATION OF COST-SHARE FUNDS:
Following the end of each fiscal year, the Board shall reallocate (redistribute) unobligated VACS allocations, including unobligated funds from prior fiscal years, and unobligated CREP or RCPP funds (keeping cost-share within the drainage basin it was originally allocated within). These funds will be used for VACS programmatic priorities which may include funding for Chesapeake Bay Watershed Implementation Plan implementation or targeted agricultural BMPs. VACS funds that have not been approved by the District's Board of Directors by June 15, 2027 ~~June 15, 2026~~ to fund an existing cost-share application are considered to be unobligated and must be returned to the Department. A proportional amount (~~13%~~12%) of technical assistance funds shall be returned with any unobligated ~~FY2026~~ FY2027 cost-share funds.

For any contracts that (i) were entered into prior to ~~FY2026~~ FY2027 (ii) were carried over in in accordance with the guidelines established in the applicable Virginia Agricultural Cost-Share (VACS) BMP Manual, and (iii) were cancelled after the fiscal year in which the contract was entered into:

- The District is authorized to reobligate the cost-share funds associated with the cancelled contract to new contracts during ~~FY2026~~ FY2027;
- The District must return to the Department any cost-share funds associated with the cancelled contract that are not reobligated by the end of ~~FY2026~~ FY2027; and
- The District is not required to return any technical assistance funds associated with the cancelled contract's cost-share funds.

Reallocation cost-share amounts and the associated technical assistance amounts shall be specifically noted in cost-share disbursement letters to Districts and become part of the financial record.

(15) UNEXPENDED STATE FUNDS MAINTAINED BY DISTRICTS:
~~FY2026~~ FY2027 and any prior year cost-share funds, including issued to Districts that remain unobligated at the close of ~~FY2026~~ FY2027 will be returned to the Department for reallocation by the Board in accordance with Section 14.

(16) SIGNATURES ON THE VACS CONTRACT
For any practice funded in whole or in part by the VACS Program, a VACS contract must be completed and signed in its entirety by the appropriate District staff, District Director, and the participant. For any practice marked complete and issued payment on or after July 1, 2022, failure to obtain the appropriate signatures on a VACS contract in its entirety will result in the amount provided in VACS cost-share funding for the practice, including the associated technical assistance funding, being withheld from the District's cost-share and technical assistance allocation for the next fiscal year by the Department. VACS cost-share files will be examined during financial audits, administrative cost share file reviews, and verifications to ensure the appropriate signatures have been obtained.

(16) COMPLIANCE WITH FEDERAL AND STATE LAWS AND REGULATIONS
The District is responsible for ensuring all administrative, financial, and operational activities are conducted in accordance with federal and state laws and the associated regulations including but not limited to the following: Fair Labor Standards Act of 1938, as amended; the State and Local Government Conflicts of Interest Act (§§2.2-3100 et seq.); Freedom of Information Act (§§2.2-3700 et seq.); Virginia Public Procurement Act (§§2.2-4300 et seq.); Virginia Security for Public Deposits Act (§§2.2-4400 et seq.); laws governing the establishment and operations of Soil and Water Conservation Districts (§§10.1-506–10.1-559); Virginia Public Records Act (§§46.1-76 et seq.); state sales tax exemption (§58.1-609.1(16)); and the Appropriation Act.

In witness whereof the parties have caused this Agreement to be executed by the following duly authorized officials:

SOIL AND WATER CONSERVATION DISTRICT	DEPARTMENT OF CONSERVATION AND RECREATION
By: ______________________	By: ______________________ Nikki Rovner, Director Department of Conservation and Recreation
Title: ______________________	
Date: ______________________	Date: ______________________

Department/District Grant Agreement No. «AgreementN»

Department/District Grant Agreement No. «AgreementN»

ATTACHMENT A
Soil and Water Conservation District (District)
~~FY26~~ FY27 Performance "Deliverables"
For Acceptance of Department Virginia Agricultural BMP Cost-Share Program Funds for Cost-share and Technical Assistance

- Locally deliver the Virginia Agricultural Cost-Share (VACS) Program as a means of promoting voluntary adoption of conservation management practices by farmers and land managers in support of the Department's nonpoint source pollution management program. (§10.1-546.1 Code of Virginia):
  - Implement the Virginia Agricultural Cost-Share program in accordance with the provisions of:
    - The POLICY AND PROCEDURES ON SOIL AND WATER CONSERVATION DISTRICT COST-SHARE AND TECHNICAL ASSISTANCE FUNDING ALLOCATIONS (FISCAL YEAR ~~2026~~2027);
    - This Grant Agreement; and
    - All state laws and regulations.

- Locally deliver the VACS Program in accordance with the *Program Year ~~2026~~ 2027 Virginia Agricultural Cost-Share (VACS) BMP Manual* including but not limited to the provision on approval and payment of cost-share, working within District boundaries, bid process, applying average cost list to contract estimates properly, ranking cost share applications consistently with priority and secondary considerations, taking appropriate action to address verification issues, following the appropriate procedures for any mid-year update to the Average Cost List, and other administrative guidelines established in the Manual.

- Submit complete and accurate quarterly financial reports to the District's assigned CDC. Quarterly reporting includes utilizing the Fiscal Year ~~2026~~ 2027 electronic template of the Attachment E (Project Financial Report), submittal of a quarterly Profit and Loss Statement, and submittal of a quarterly Cash Balance Sheet. The Attachment E submittals must be signed by the District Treasurer or a Director/Associate Director with check signing authority. Two different signatures are required on the Attachment E submittal. (Note: This is an existing expectation within the Operational Support Grant Agreement and it is applicable to this Agreement).

- ~~Submit complete and accurate End of Year Cash Balance Reports and Carry Over Reports by the End of Year reporting deadline.~~

- Provide database updates according to established deadlines and special needs, as requested by the Department, to support Virginia's nonpoint source pollution reduction initiatives, including information necessary to fulfill reporting specified within the Virginia Natural Resources Commitment Fund [§10.1-2128.1.]. (Note: This is an existing expectation within the Operational Support Grant Agreement and it is applicable to this Agreement). This includes updating the Conservation Suite Application within one month of payments being rendered, and updating other financial records by the reporting deadline for each quarter. Additionally, Conservation Reserve Enhancement Program (CREP) project information must be entered into the tracking program within 30 days of District Board project approvals.

- Ensure staff implementing the VACS Program has obtained the DCR Conservation Planner Certification within 24 months of hire (dependent upon availability of all required courses). If the 24 month timeline is exceeded, progress must be adequately demonstrated towards achieving certification. Certification should be maintained after achieving the initial certification.

- When applicable, ensure staff implementing the VACS Program has obtained and maintained the appropriate level of Engineering Job Approval Authority (EJAA) for components of the BMPs installed within the District boundaries. Staff must follow EJAA requirements and applicable standards and specifications at all times.

- Submit secondary considerations to the Department and receive Department approval prior to the District approving cost-share applications.

- Submit the District Board-approved Average Cost List to the Department prior to the District approving cost-share applications.

- If applicable, prior to practice contract approval, ensure a complete and Board-approved DCR conservation plan or Resource Management Plan is entered into the Conservation Application Suite or a NRCS conservation plan developed by NRCS staff is on file with the District and Board-approved. Ensure the conservation plan (either DCR conservation plan or NRCS conservation plan) or Resource Management Plan includes the BMP(s) being approved by the District.

- Data was entered in the Conservation Application Suite accurately and data inaccuracies entered into the Conservation Application Suite were corrected within 30 days from the date the District was notified of the issues or by the established deadlines. This includes but is not limited to inaccuracies that are found through ~~the bi-monthly~~ all QA/QC reports:
  - BMP data entry: entry of a practice location point, path to stream (where required), digitized practice components to facilitate resource reviews, and accurate practice measurements including soil loss rate value based upon site specific soil type(s)~~,~~; and
  - BMP payment status: approvals, cancellations, carryovers, complete not-paid; and participant funding request~~; and~~.
  - ~~Financial data status: payment and other financial records.~~

- Financial data was entered in the Conservation Application Suite accurately and timely and financial reports reconciled with the data in the Conservation Application Suite. This includes but is not limited to missing data or inaccuracies of financial data such as:
  - Dates payments were made for BMPs to ensure payments are made within 30 days of all necessary documentation being received and certification of appropriate installation or implementation of the BMP;
  - Quarterly reconciliation of QuickBooks account records and Attachment E reports with the Conservation Application Suite;
  - Submission of complete and accurate End of Year Cash Balance Reports and Carry Over Reports by the end of year reporting deadline.

- Issue IRS Form 1099s to cost-share recipients on or before January 31st.

- Ensure that tax credit applications were District Board approved and that there is a corresponding District Board-approved soil conservation plan on file at the District for each tax credit approval. Ensure that tax credit certificates are issued only after practices receive technical certification. The tax credit issue date should be in the same calendar year as the technical certification date. Ensure all required tax documentation was provided to the participant.

- Cost-share and tax credit approvals are to be individually documented in their District Board minutes (identified by contract or instance #).

- The District technical staff shall participate in an annual VACS Program Update and Conservation Application Suite updates training sponsored by the Department.

- If applicable, locally deliver the *Whole Farm Approach standard and specifications (WFA-NM and WFA-CC)* as a means of promoting voluntary adoption of conservation management practices by farmers and land managers in support of the Department's nonpoint source pollution management program. (§10.1-546.1 Code of Virginia):
  - Implement the *Whole Farm Approach standard and specifications* in accordance with the provisions of:
    - This Grant Agreement; and
    - The *Program Year ~~2026~~ 2027 Virginia Agricultural Cost Share (VACS) BMP Manual.*
  - The *Whole Farm Approach standard and specifications* are not subject to the VACS Program participant caps and does not impact the producer's ability to participate in VACS for practices that are not included in the *WFA-NM* or the *WFA-CC*.

At the end of ~~FY26~~FY27, CDCs shall complete an evaluation of ~~FY26~~ FY27 deliverables that will be subject to the provisions of paragraph "(1) SCOPE OF SERVICE" of this Grant Agreement.

Department/District Grant Agreement No. «AgreementN»

ATTACHMENT B

COMPENSATION

I. COST-SHARE PROGRAM

Funding provided by the Board and Department to the District to support the Virginia Agricultural BMP Cost-Share Program is addressed through this Agreement. Funds made available to the District set out in the POLICY AND PROCEDURES ON SOIL AND WATER CONSERVATION DISTRICT COST-SHARE AND TECHNICAL ASSISTANCE FUNDING ALLOCATIONS (FISCAL YEAR ~~2026~~2027) are summarized as follows:

Total available SWCD allocation for ~~July 1, 2025~~ July 1, 2026 through ~~June 30, 2026~~ June 30, 2027 is: **$«TOTAL»**

To be managed as follows:

A total of **$«TotalCB»** for the portion of the District within the Chesapeake Bay (CB) to implement agricultural best management practices.

A total of **$«TotalOCB»** for the portion of the District outside of the Chesapeake Bay (OCB) to implement agricultural best management practices.

A total of **$«TotalTA»** has been allocated for Technical Assistance funding for the implementation of agricultural best management program.

The amounts set out above may be amended during the grant period only in accordance with the provisions of this Grant Agreement.

II. DISBURSEMENT OF FUNDS

Cost-share program funds will be disbursed only in accordance with the provisions of this Grant Agreement.

Department/District Grant Agreement No. «AgreementN»

ATTACHMENT C (Evaluation Guidance for Department/District Fiscal Year ~~2026~~ 2027 Grant Agreement Performance Deliverables)

Grant Agreement Performance Deliverable	Fully Satisfied "A"	Partially Fulfilled "B"*	Did Not Fulfill "C"*
1. Did the District implement the Virginia Agricultural BMP Cost-Share program (§10.1-546.1 Code of Virginia) in accordance with the provisions of: • The POLICY AND PROCEDURES ON SOIL AND WATER CONSERVATION DISTRICT COST-SHARE AND TECHNICAL ASSISTANCE FUNDING ALLOCATIONS (FISCAL YEAR ~~2026~~ 2027); • This Grant Agreement; • All state laws and regulations.	Effectively delivers the Virginia Agricultural BMP Cost-Share Program in accordance with program requirements.	Partially delivers the Virginia Agricultural BMP Cost-Share Program in accordance with program requirements.	Fails to deliver the Virginia Agricultural BMP Cost-Share Program in accordance with program requirements, with multiple deficiencies demonstrated by the District.
2. Did the District implement VACS in accordance with the *Program Year ~~2026~~ 2027 Virginia Agricultural Cost-Share (VACS) BMP Manual*, including but not limited to the provisions on approval and payment of cost-share, working within District boundaries, bid process, applying average cost list to contract estimates properly, ranking cost share applications consistently with priority and secondary considerations, taking appropriate action to address verification issues, following the appropriate procedures for any mid-year update to the Average Cost List, and other administrative guidelines established in the *Manual.*	The District complied fully with all provisions of the *Manual.*	The District was found to be out of compliance ~~in~~ with up to two instances with provisions of the *Manual*.	The District was found to be out of compliance with three or more instances with provisions of the *Manual*.
3. Did District staff implementing the VACS Program obtain the DCR Conservation Planner Certification within 24 months of hire (dependent upon availability of all required courses? If the 24 month timeline is exceeded, did staff adequately demonstrate progress towards achieving certification? Did staff maintain conservation planning certification after achieving the initial certification?	Yes, District technical staff (i) have obtained certification within 24 months of hire or are actively working towards certification; or (ii) have maintained certification.	Some District technical staff (i) have failed to obtain or (ii) have failed to maintain certification.	No, District technical staff (i) have obtained certification; or (ii) have maintained certification.

4. If applicable, did District staff implementing the VACS Program obtain and maintain the appropriate level of Engineering Job Approval Authority (EJAA) for components of the BMPs installed within District boundaries. Did District staff follow EJAA requirements and applicable standards and specifications at all times?	Yes, District staff obtained and maintained the appropriate level of EJAA and no compliance issues were found.	District staff was found to be out of compliance with EJAA. Example: staff worked outside of EJAA on occasion or staff had at least one deficiency found during an EJAA review.	District staff was found to be out of compliance with EJAA on multiple instances or significant deficiencies were found during an EJAA review.
5. Prior to the District approving cost-share applications, did the District Board: i. Approve secondary considerations and receive Department approval of those considerations? ii. Approve an Average Cost List and submit it to the Department?	Prior to approving cost-share applications, (i) the District Board approved secondary considerations and received Department approval of those considerations and (ii) submitted an average cost list to the Department.	Prior to approving cost-share applications, (i) the District Board did not approve or did not receive Department approval of those considerations or (ii) did not submit an average cost list to the Department.	Prior to approving cost-share applications, (i) the District Board did not approve or did not receive Department approval of those considerations and (ii) did not submit an average cost list.
6. If applicable, prior to practice contract approval, was a complete and Board-approved DCR conservation plan or Resource Management Plan entered into the Conservation Application Suite or was a NRCS conservation plan, written by NRCS staff on file with the District and Board-approved? Does the plan include the practices approved by the District?	All practices that require a conservation plan had a complete, accurate, and Board-approved plan before the practice contract was approved.	A few practices that require a conservation plan did not have a complete and Board-approved plan before the practice contract was approved or the plan was lacking the appropriate practices, dates, signatures and/or resource reviews.	Multiple practices that require a conservation plan did not have a complete and Board-approved plan before the practice contract was approved or the plans were lacking the appropriate practices, dates, signatures and/or resource reviews.

7. Was data entered in the Conservation Application Suite accurately and were any data inaccuracies entered into the Conservation Application Suite corrected within 30 days from the date the District was notified of the issues or by the established deadlines? This includes but is not limited to inaccuracies that are found through the bi-monthly QA/QC reports: i. BMP data entry: entry of a practice location point, path to stream (where required), digitized practice components to facilitate resource reviews, and accurate practice measurements including soil loss rate value based upon site specific soil type(s); and~~,~~ ~~ii.~~ BMP payment status: approvals, cancellations, carryovers, complete not-paid; and participant funding request~~; and~~ ~~iii.~~ii. ~~Financial data status: payment and other financial records~~.	Data entered into the Conservation Application Suite was consistently accurate and all corrections were made within 30 days.	Data entered into the Conservation Application Suite was usually accurate but a few corrections took longer than 30 days to address.	Data entered into the Conservation Application Suite was routinely inaccurate and multiple corrections were not addressed within 30 days.
8. Was financial data entered in the Conservation Application Suite accurately and timely and did financial reports reconcile with the data in the Conservation Application Suite? This includes but is not limited to missing data or inaccuracies of financial data status such as: i. Dates payments were made for BMPs to ensure payments are made within 30 days of all necessary documentation being received and certification of appropriate installation or implementation of the BMP; ii. Quarterly reconciliation of QuickBooks account records and Attachment E reports with the Conservation Application Suite; and ~~i.~~iii. Submission of complete and accurate End of Year Cash Balance Reports and Carry Over Reports by the end of year reporting deadline. ~~Did the District submit complete and accurate End of Year Cash Balance Reports, and Carry Over Reports by the End of Year reporting deadline?~~	Financial data was entered into the Conservation Application Suite accurately and timely and ~~Reports~~ reports were submitted by the ~~End of Year~~ reporting deadline and were complete and accurate.	Reports were submitted after the ~~End of Year~~ reporting deadline but reports and financial data were complete and accurate or reports were submitted by the ~~end of the year~~ reporting deadline but reports and financial data were not complete or accurate.	Reports were submitted after the ~~End of Year~~ reporting deadline and were incomplete or inaccurate.
~~8.~~9. Were tax credit applications approved by the District Board and was there a corresponding District Board approved soil conservation plan on file at the District for each tax credit? Were tax credits issued after	All tax credit applications and tax credit procedures were handled appropriately.	A few tax credit applications or procedures were not handled appropriately	Multiple tax credit applications and procedures were not handled appropriately.

practices received technical certification and did the tax credit issue date fall in the same calendar year as the technical certification date? Was all of the required tax documentation provided to the participant?			
~~9.~~10. Were applications for cost-share and tax credits approved by District Board action and individually documented in their District Board minutes (identified by contract or instance #)?	All applications were approved by District Board action and were individually documented in minutes.	A few applications were not approved by District Board action or were not individually documented in the minutes.	Multiple applications were not approved by District Board action and were not individually documented in the minutes.
~~10.~~11. Did District staff participate in an annual VACS Program Update and Conservation Application Suite updates training sponsored by the Department?	All of the District technical staff participated in an annual VACS Program Update and Conservation Application Suite updates training.	Some of the District technical staff participated in an annual VACS Program Update and Conservation Application Suite updates training.	No District technical staff participated in an annual VACS Program Update and Conservation Application Suite updates training .

Does the District have documentation to explain any measures in their Grant Agreements that were not fully met? If so, please provide to CDC.

Soil and Water Conservation District Director Appointments and Resignations

§ 10.1-529. District directors constitute governing body; qualifications.

The governing body of the district shall consist of five or more district directors, elected and appointed as provided in this article.

The two district directors appointed by the Board shall be persons who are by training and experience qualified to perform the specialized skilled services which will be required of them in the performance of their duties. One of the appointed district directors shall be the extension agent of the county or city, or one of the counties or cities constituting the district, or a part thereof. Other appointed and elected district directors shall reside within the boundaries of the district.

§ 10.1-530. Designation of chairman; terms of office; filling vacancies

A. The district directors shall designate a chairman from the elected members, or from the Board-appointed members, of the district board and may change such designation.

B. The term of office of each district director shall be four years. A district director shall hold office until his successor has been elected or appointed and has qualified. The selection of successors to fill a full term shall be made in accordance with the provisions of this article. Beginning in the year 2003, the election of district directors shall be held at the November 2003 general election and each fourth year thereafter. The terms of office of elected district directors shall begin on January 1 following the November general election. The term of office of any district director elected in November 1999 shall be extended to the January 1 following the November 2003 general election. The term of office of any district director elected in November 2000 shall expire on the January 1 following the November 2003 general election. The term of office of any district director elected in November 2001 or 2002 shall be extended to expire on the January 1 following the November general election in 2007. Appointments made by the Board to the at-large position held by an extension agent shall be made to commence January 1, 2005, and each fourth year thereafter. Appointments made by the Board to the other at-large position shall be made to commence January 1, 2007, and each fourth year thereafter. Any appointment made by the Board prior to January 1, 2005, to an at-large position held by an extension agent shall be made to expire January 1, 2005; and any appointment made by the Board prior to January 1, 2007, to the other at-large position shall be made to expire January 1, 2007.

C. <u>A vacancy shall exist in the event of the death, resignation or removal of residence from the district of any director or the elimination or detachment from the district of the territory in which a director resides, or by the removal of a director from office by the Board. Any vacancy in an elected or appointed director's position shall be filled by an appointment made by the Board for the unexpired term.</u> In the event of the creation of a new district, the transfer of territory from an existing district to an existing district, or the addition of territory not previously within an existing district to an existing district, the Board may appoint directors to fill the vacancies of elected directors prescribed by § 10.1-515 in the newly created district or in the territory added to an existing district. Such appointed directors shall serve in office until the elected directors prescribed by § 10.1-515 take office after the next general election at which directors for the entire district are selected.

Recommended Motion:

The Virginia Soil and Water Conservation Board approves the appointments of the individuals being recommended.

Soil and Water Conservation District Director Appointments and Resignations

Lord Fairfax

Appointment of Ms. Jenna Wiles, of Frederik County, effective 7/24/2026, to fill the vacant elected director position (term of office expires 12/31/2027).

Ms. Wiles currently works on the family farm, raising produce and assisting at the farm market. Woodbine Farms was the 2025 Shenandoah River Basin Grad Award winner. She previously worked for NRCS and holds a bachelor's degree in crop and soil science from Virginia Tech.

Tri-County/City

Appointment of Ms. Pamela Scruggs, of the City of Fredericksburg, effective 7/24/2026, to fill the vacant elected director position (term of office expires 12/31/2027).

Ms. Scruggs has been with the U.S. Fish and Wildlife Service since 2008, serving first as a Program Leader for their International Affairs division focusing on international policy, regulation and financial assistance. In this role she helped establish a unit for wildlife trafficking and built a coalition of foreign government representatives and NGO partners to increase protections for sharks. In 2022 she moved to the division for ePermits and lead the agencies permitting process into the digital age. Ms. Scruggs also previously served as a Director for TCCSWCD.

P.O. Box 220
5585 Richmond Road
Warsaw, VA 22572

NORTHERN NECK
SOIL & WATER CONSERVATION DISTRICT
SINCE 1940

(804) 313-9102
www.nnswcd.org

June 24, 2026

Dear Charles Newton, VA SWCB Chair

It has come to the attention of the Northern Neck Soil and Water Conservation District Board that the Virginia Soil and Water Conservation Board (VSWCB) received a letter regarding cover crop from another Soil and Water Conservation District at the June 17, 2026 VSWCB Meeting. After discussion, the Board then voted to change the cover crop specification for the field visits deadline from February 28 to January 31.

This approach of discussing a letter from an individual District regarding changes to specifications in the VACS manual is not appropriate, especially considering the aforementioned letter was not listed on the Board Meeting Agenda. Change suggestions are to be submitted to DCR by an advertised deadline for the VA Ag BMP TAC to consider. This new matter should have gone through the appropriate channels and process that is already in place.

We have also been informed that the VSWCB decided to form a committee to discuss the cover crop program in more detail as the year progresses. The VA Ag BMP TAC already has a Cover Crop and Nutrient Management Committee made up of professionals with years of expertise and research knowledge. The creation of another committee may cause further confusion.

The NNSWCD Board believes that by the VSWCB making these changes, it sets a precedent of bypassing the VA Ag BMP TAC and presenting suggested changes straight to the VSWCB for approval. The NNSWCD Board is asking you to please consider reversing this decision and allowing the VA Ag BMP TAC to take up the proposed issue this upcoming program year, as the process allows.

Sincerely,

Robert Pickett
NNSWCD Chairman

Three Rivers
Soil & Water Conservation District

221 Duke Street, P.O. Box 832, Tappahannock, VA 22560 804-443-4027

July 2, 2026

Dear Mr. Newton, VSWCB Chair,

The Three Rivers Soil and Water Conservation District (SWCD) Board of Directors respectfully requests that the Virginia Soil and Water Conservation Board (VSWCB) reconsider its June 17, 2026, decision to change the cover crop field visit deadline from February 28 to January 31. This decision followed the review of a letter from an individual district that was not included on the meeting agenda.

We are concerned by this action, as it circumvents the established process set by DCR. Standard procedure requires that proposed changes to the Virginia Agricultural BMP Cost-Share manual be submitted to DCR by the advertised deadline for review by the Virginia Agricultural BMP Technical Advisory Committee (TAC).

Additionally, we understand the VSWCB decided to form a new committee to evaluate the cover crop program. Because the TAC already features a dedicated Cover Crop and Nutrient Management Committee composed of experienced technical experts, establishing a separate committee is redundant and risks causing operational confusion.

Bypassing the TAC sets a concerning precedent for program governance. The Three Rivers SWCD Board requests that the VSWCB reconsider this recent decision and refer the issue to the TAC for proper evaluation during the upcoming program year.

Thank you for your time, consideration, and continued leadership.

Sincerely,

Robert T. Bland, IV

Robert T. Bland, IV
Three Rivers SWCD
Chairman

Virginia Association of Soil and Water Conservation Districts

7308 Hanover Green Drive, Suite 100, Mechanicsville, VA 23111-1793
(804) 559-0324 • Fax (804) 559-0325 •www.vaswcd.org

July 13, 2026

Dear Chairman Newton,

On behalf of the Virginia Association of Soil and Water Conservation Districts (VASWCD), I am writing regarding the Board's action at its recent meeting to consider a revision to the Virginia Agricultural Cost-Share (VACS) Best Management Practice cover crop specification that was not included on the published agenda. That revision has generated considerable and unnecessary consternation among several Soil and Water Conservation Districts. While we of course recognize the Board's authority to address matters before it, the VASWCD encourages the Board in the future to take full advantage of an existing and highly successful transparent process that would consistently provide stakeholders with advance notice of substantive items coming before the Board. This would also allow the Board to have more complete information before it makes a decision.

Specifically, the Virginia Agricultural BMP Technical Advisory Committee (TAC) has long served as the collaborative forum for evaluating proposed BMP specification changes through science, practical implementation experience, and stakeholder input. This process has earned the confidence of Soil and Water Conservation Districts, producers, agency partners, and the public by ensuring that technical recommendations are thoroughly vetted before advancing for Board consideration.

Taking full and routine advantage of the TAC process would reduce the likelihood of the Board being surprised by unanticipated stakeholder confusion or even opposition to Board actions after the fact. We hope you agree that allowing the Board to make informed decisions with less uncertainty is in everyone's best interest. VASWCD respectfully encourages the Board to continue utilizing the established TAC process for the review and development of technical recommendations and to ensure that substantive action items are clearly identified on future meeting agendas. We also believe the Committee established by the Board on this issue at the June Soil & Water Board meeting would benefit substantially from close coordination with TAC efforts. We urge you to facilitate that coordination, and of course we stand ready to assist. Promoting collaboration strengthens transparency, promotes stakeholder engagement, and reinforces confidence in the important Board decisions that guide conservation programs across the Commonwealth.

We appreciate the Board's leadership, attention to these issues and look forward to attending the upcoming Soil & Water Board meeting on July 24. Please don't hesitate to reach out for further discussion.

Sincerely,

Scott J. Cameron

Scott Cameron
VASWCD President

Cc: Nikki Rovner, DCR Director; James Martin, DCR Division of Soil & Water Conservation Director
Christine Watlington Jones, DCR Policy and District Services Manager; Stephanie Cornell, Area II SWCB Rep, Leigh Pemberton, Area III SWCB Rep, Adam Wilson, Area IV SWCB Rep, Kevin Dunn, Area V SWCB Rep, Nick Thomas, Area VI SWCB Rep