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netcdf out.p_cg040m_sd010m.nk12.dz0_020m.2D {
dimensions:
    two = 2 ;
    nMesh0_time = 1 ;
    nMesh0_strlen1 = 40 ;
    nMesh0_strlen2 = 20 ;
    nMesh0_strlen3 = 10 ;
    nMesh0_trajectory = 4 ;
    nMaxMesh0_trajectory_nodes = 853 ;
    nMesh0_data_time = UNLIMITED ; // (37 currently)
    nMesh0_layer_2d = 1 ;
    nMesh0_class_names_strlen = 80 ;
    nMesh0_suspension_classes = 2 ;
    nMesh0_tracer_classes = 1 ;
    dmqs_strlen = 240 ;
    nof_dmqs_processing_steps = 1 ;
variables:
    double Mesh0_node_x(nMesh0_trajectory, nMaxMesh0_trajectory_nodes) ;
        Mesh0_node_x:long_name = "x-Koordinate der Knoten" ;
        Mesh0_node_x:units = "m" ;
        Mesh0_node_x:name_id = 1650 ;
        Mesh0_node_x:_FillValue = 1.e+31 ;
        Mesh0_node_x:standard_name = "projection_x_coordinate" ;
    double Mesh0_node_y(nMesh0_trajectory, nMaxMesh0_trajectory_nodes) ;
        Mesh0_node_y:long_name = "y-Koordinate der Knoten" ;
        Mesh0_node_y:units = "m" ;
        Mesh0_node_y:name_id = 1651 ;
        Mesh0_node_y:_FillValue = 1.e+31 ;
        Mesh0_node_y:standard_name = "projection_y_coordinate" ;
    double Mesh0_node_lon(nMesh0_trajectory, nMaxMesh0_trajectory_nodes) ;
        Mesh0_node_lon:long_name = "geografische Laenge der Knoten" ;
        Mesh0_node_lon:units = "degrees_east" ;
        Mesh0_node_lon:name_id = 1653 ;
        Mesh0_node_lon:_FillValue = 1.e+31 ;
        Mesh0_node_lon:standard_name = "longitude" ;
    double Mesh0_node_lat(nMesh0_trajectory, nMaxMesh0_trajectory_nodes) ;
        Mesh0_node_lat:long_name = "geografische Breite der Knoten" ;
        Mesh0_node_lat:units = "degrees_north" ;
        Mesh0_node_lat:name_id = 1652 ;
        Mesh0_node_lat:_FillValue = 1.e+31 ;
        Mesh0_node_lat:standard_name = "latitude" ;
    char Mesh0_trajectory_long_name(nMesh0_trajectory, nMesh0_strlen1) ;
        Mesh0_trajectory_long_name:long_name = "Name des Profils / der Trajektorie" ;
    int Mesh0_crs ;
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Mesh0_crs:longitude_of_central_meridian = 9. ;
Mesh0_crs:false_easting = 3500000. ;
Mesh0_crs:false_northing = 0. ;
Mesh0_crs:grid_mapping_name = "transverse_mercator" ;
Mesh0_crs:latitude_of_projection_origin = 0. ;
Mesh0_crs:scale_factor_at_central_meridian = 1. ;
Mesh0_crs:comment = "X , Y : 3 degree Gauss-Kruger zone 3 - Germany 7.5 E to 10.5 E - Bessel
1841\\nLON, LAT : Ellipsoid - European Terrestrial Reference System 1989" ;
Mesh0_crs:longitude_of_prime_meridian = 0. ;
Mesh0_crs:semi_major_axis = 6377397.155 ;
Mesh0_crs:inverse_flattening = 299.1528128 ;
Mesh0_crs:epsg_code = "EPSG:31467" ;
char Mesh0_node_gp_long_name(nMesh0_trajectory, nMaxMesh0_trajectory_nodes, nMesh0_strlen1) ;
Mesh0_node_gp_long_name:long_name = "Name des Knotens" ;
Mesh0_node_gp_long_name:name_id = 1395 ;
Mesh0_node_gp_long_name:_FillValue = "?" ;
Mesh0_node_gp_long_name:coordinates = "Mesh0_node_x Mesh0_node_y Mesh0_node_lon Mesh0_node_lat
Mesh0_trajectory_long_name Mesh0_trajectory_node_distance" ;
Mesh0_node_gp_long_name:grid_mapping = "Mesh0_crs" ;
char Mesh0_node_gp_code_name(nMesh0_trajectory, nMaxMesh0_trajectory_nodes, nMesh0_strlen2) ;
Mesh0_node_gp_code_name:long_name = "Kennung des Knotens" ;
Mesh0_node_gp_code_name:name_id = 1394 ;
Mesh0_node_gp_code_name:_FillValue = "?" ;
Mesh0_node_gp_code_name:coordinates = "Mesh0_node_x Mesh0_node_y Mesh0_node_lon Mesh0_node_lat
Mesh0_trajectory_long_name Mesh0_trajectory_node_distance" ;
Mesh0_node_gp_code_name:grid_mapping = "Mesh0_crs" ;
char Mesh0_node_gp_short_name(nMesh0_trajectory, nMaxMesh0_trajectory_nodes, nMesh0_strlen3) ;
Mesh0_node_gp_short_name:long_name = "Kuerzel des Knotens" ;
Mesh0_node_gp_short_name:name_id = 1396 ;
Mesh0_node_gp_short_name:_FillValue = "?" ;
Mesh0_node_gp_short_name:coordinates = "Mesh0_node_x Mesh0_node_y Mesh0_node_lon Mesh0_node_lat
Mesh0_trajectory_long_name Mesh0_trajectory_node_distance" ;
Mesh0_node_gp_short_name:grid_mapping = "Mesh0_crs" ;
int Mesh0_node_gp_id(nMesh0_trajectory, nMaxMesh0_trajectory_nodes) ;
Mesh0_node_gp_id:long_name = "Identifikationsnummer des Knotens" ;
Mesh0_node_gp_id:valid_range = 1, 15 ;
Mesh0_node_gp_id:_FillValue = -999 ;
Mesh0_node_gp_id:coordinates = "Mesh0_node_x Mesh0_node_y Mesh0_node_lon Mesh0_node_lat
Mesh0_trajectory_long_name Mesh0_trajectory_node_distance" ;
Mesh0_node_gp_id:grid_mapping = "Mesh0_crs" ;
char Mesh0_trajectory_code_name(nMesh0_trajectory, nMesh0_strlen2) ;
Mesh0_trajectory_code_name:long_name = "Kennung eines Profils / einer Trajektorie" ;
Mesh0_trajectory_code_name:_FillValue = "?" ;
Mesh0_trajectory_code_name:coordinates = "Mesh0_trajectory_long_name" ;

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    Mesh0_trajectory_code_name:grid_mapping = "Mesh0_crs" ;
char Mesh0_trajectory_short_name(nMesh0_trajectory, nMesh0_strlen3) ;
    Mesh0_trajectory_short_name:long_name = "Kuerzel eines Profils / einer Trajektorie" ;
    Mesh0_trajectory_short_name:_FillValue = "?" ;
    Mesh0_trajectory_short_name:coordinates = "Mesh0_trajectory_long_name" ;
    Mesh0_trajectory_short_name:grid_mapping = "Mesh0_crs" ;
int Mesh0_trajectory_id(nMesh0_trajectory) ;
    Mesh0_trajectory_id:long_name = "Identifikationsnummer eines Profils / einer Trajektorie" ;
    Mesh0_trajectory_id:cf_role = "trajectory_id" ;
int Mesh0_trajectory_type(nMesh0_trajectory) ;
    Mesh0_trajectory_type:long_name = "Typ des Profils / der Trajektorie" ;
    Mesh0_trajectory_type:valid_range = 0, 1 ;
    Mesh0_trajectory_type:_FillValue = -999 ;
    Mesh0_trajectory_type:coordinates = "Mesh0_trajectory_long_name" ;
    Mesh0_trajectory_type:flag_meanings = "longitudinal_profile cross_profile" ;
    Mesh0_trajectory_type:flag_values = 0, 1 ;
    Mesh0_trajectory_type:grid_mapping = "Mesh0_crs" ;
int Mesh0_node_marker_type(nMesh0_trajectory, nMaxMesh0_trajectory_nodes) ;
    Mesh0_node_marker_type:long_name = "Marker-Information der Knoten" ;
    Mesh0_node_marker_type:valid_range = 0, 7 ;
    Mesh0_node_marker_type:_FillValue = -999 ;
    Mesh0_node_marker_type:coordinates = "Mesh0_node_x Mesh0_node_y Mesh0_node_lon Mesh0_node_lat
    Mesh0_trajectory_long_name Mesh0_trajectory_node_distance" ;
    Mesh0_node_marker_type:flag_meanings = "PolPuMitDaten PolPuOhnDaten ZwiPuMitDaten ZwiPuOhnDaten
    PolExMitDaten PolExOhnDaten ZwiExMitDaten ZwiExOhnDaten" ;
    Mesh0_node_marker_type:flag_values = 0, 1, 2, 3, 4, 5, 6, 7 ;
    Mesh0_node_marker_type:grid_mapping = "Mesh0_crs" ;
double Mesh0_trajectory_node_distance(nMesh0_trajectory, nMaxMesh0_trajectory_nodes) ;
    Mesh0_trajectory_node_distance:long_name = "Profilmeter - Abstand zum Anfang des Profile / der
    Trajektorie" ;
    Mesh0_trajectory_node_distance:units = "m" ;
    Mesh0_trajectory_node_distance:_FillValue = 1.e+31 ;
    Mesh0_trajectory_node_distance:comment = "distance along profile, with respect to origin of profile"
    ;
double Mesh0_node_depth(nMesh0_time, nMesh0_trajectory, nMaxMesh0_trajectory_nodes) ;
    Mesh0_node_depth:long_name = "Topographie" ;
    Mesh0_node_depth:units = "m" ;
    Mesh0_node_depth:name_id = 17 ;
    Mesh0_node_depth:valid_range = -8848., 11034. ;
    Mesh0_node_depth:_FillValue = 1.e+31 ;
    Mesh0_node_depth:cell_methods = "nMesh0_time: mean area: point" ;
    Mesh0_node_depth:coordinates = "Mesh0_node_x Mesh0_node_y Mesh0_node_lon Mesh0_node_lat
    Mesh0_trajectory_long_name Mesh0_trajectory_node_distance" ;
    Mesh0_node_depth:grid_mapping = "Mesh0_crs" ;

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    Mesh0_node_depth:standard_name = "sea_floor_depth_below_geoid" ;
double nMesh0_time(nMesh0_time) ;
    nMesh0_time:long_name = "time" ;
    nMesh0_time:units = "seconds since 1998-07-01 00:00:00 01:00" ;
    nMesh0_time:name_id = 1640 ;
    nMesh0_time:axis = "T" ;
    nMesh0_time:bounds = "nMesh0_time_bnd" ;
    nMesh0_time:calendar = "gregorian" ;
    nMesh0_time:standard_name = "time" ;
double nMesh0_time_bnd(nMesh0_time, two) ;
float Mesh0_node_Wasserstand_2d(nMesh0_data_time, nMesh0_trajectory, nMaxMesh0_trajectory_nodes) ;
    Mesh0_node_Wasserstand_2d:long_name = "Wasserstand [ node ]" ;
    Mesh0_node_Wasserstand_2d:units = "m" ;
    Mesh0_node_Wasserstand_2d:name_id = 3 ;
    Mesh0_node_Wasserstand_2d:_FillValue = 1.e+31f ;
    Mesh0_node_Wasserstand_2d:ancillary_variables = "Mesh0_node_Gesamtwassertiefe_2d" ;
    Mesh0_node_Wasserstand_2d:cell_measures = "area: Mesh0_node_Wasserflaeche_2d" ;
    Mesh0_node_Wasserstand_2d:cell_methods = "nMesh0_data_time: point area: mean" ;
    Mesh0_node_Wasserstand_2d:comment = "ancillary variables may be used for visualization and data
analysis as threshold and plot subgrid mask" ;
    Mesh0_node_Wasserstand_2d:coordinates = "Mesh0_node_lon Mesh0_node_lat Mesh0_node_x Mesh0_node_y
Mesh0_trajectory_long_name Mesh0_trajectory_node_distance" ;
    Mesh0_node_Wasserstand_2d:grid_mapping = "Mesh0_crs" ;
    Mesh0_node_Wasserstand_2d:standard_name = "sea_surface_height" ;
float Mesh0_node_Salzgehalt_2d(nMesh0_data_time, nMesh0_layer_2d, nMesh0_trajectory,
nMaxMesh0_trajectory_nodes) ;
    Mesh0_node_Salzgehalt_2d:long_name = "Salzgehalt [ node ]" ;
    Mesh0_node_Salzgehalt_2d:units = "1e-3" ;
    Mesh0_node_Salzgehalt_2d:name_id = 5 ;
    Mesh0_node_Salzgehalt_2d:_FillValue = 1.e+31f ;
    Mesh0_node_Salzgehalt_2d:ancillary_variables = "Mesh0_node_Gesamtwassertiefe_2d" ;
    Mesh0_node_Salzgehalt_2d:cell_measures = "volume: Mesh0_node_Wasservolumen_2d area:
Mesh0_node_Wasserflaeche_2d" ;
    Mesh0_node_Salzgehalt_2d:cell_methods = "nMesh0_data_time: point nMesh0_layer_2d: mean area: mean" ;
    Mesh0_node_Salzgehalt_2d:comment = "ancillary variables may be used for visualization and data
analysis as threshold and plot subgrid mask" ;
    Mesh0_node_Salzgehalt_2d:coordinates = "Mesh0_node_lon Mesh0_node_lat Mesh0_node_x Mesh0_node_y
Mesh0_node_z Mesh0_trajectory_long_name Mesh0_trajectory_node_distance" ;
    Mesh0_node_Salzgehalt_2d:grid_mapping = "Mesh0_crs" ;
    Mesh0_node_Salzgehalt_2d:standard_name = "sea_water_salinity" ;
float Mesh0_node_Temperatur_2d(nMesh0_data_time, nMesh0_layer_2d, nMesh0_trajectory,
nMaxMesh0_trajectory_nodes) ;
    Mesh0_node_Temperatur_2d:long_name = "Temperatur [ node ]" ;
    Mesh0_node_Temperatur_2d:units = "degrees_C" ;

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Mesh0_node_Temperatur_2d:name_id = 6 ;
Mesh0_node_Temperatur_2d:FillValue = 1.e+31f ;
Mesh0_node_Temperatur_2d:ancillary_variables = "Mesh0_node_Gesamtwassertiefe_2d" ;
Mesh0_node_Temperatur_2d:cell_measures = "volume: Mesh0_node_Wasservolumen_2d area:
Mesh0_node_Wasserflaeche_2d" ;
Mesh0_node_Temperatur_2d:cell_methods = "nMesh0_data_time: point nMesh0_layer_2d: mean area: mean" ;
Mesh0_node_Temperatur_2d:comment = "ancillary variables may be used for visualization and data
analysis as threshold and plot subgrid mask" ;
Mesh0_node_Temperatur_2d:coordinates = "Mesh0_node_lon Mesh0_node_lat Mesh0_node_x Mesh0_node_y
Mesh0_node_z_node_2d Mesh0_trajectory_long_name Mesh0_trajectory_node_distance" ;
Mesh0_node_Temperatur_2d:grid_mapping = "Mesh0_crs" ;
Mesh0_node_Temperatur_2d:standard_name = "sea_water_temperature" ;
float Mesh0_node_Schwebstoffgehalt_2d(nMesh0_data_time, nMesh0_suspension_classes, nMesh0_layer_2d,
nMesh0_trajectory, nMaxMesh0_trajectory_nodes) ;
Mesh0_node_Schwebstoffgehalt_2d:long_name = "Schwebstoffgehalt [ node ]" ;
Mesh0_node_Schwebstoffgehalt_2d:units = "kg m-3" ;
Mesh0_node_Schwebstoffgehalt_2d:name_id = 7 ;
Mesh0_node_Schwebstoffgehalt_2d:FillValue = 1.e+31f ;
Mesh0_node_Schwebstoffgehalt_2d:ancillary_variables = "Mesh0_node_Gesamtwassertiefe_2d" ;
Mesh0_node_Schwebstoffgehalt_2d:cell_measures = "volume: Mesh0_node_Wasservolumen_2d area:
Mesh0_node_Wasserflaeche_2d" ;
Mesh0_node_Schwebstoffgehalt_2d:cell_methods = "nMesh0_data_time: point nMesh0_suspension_classes:
point nMesh0_layer_2d: mean area: mean" ;
Mesh0_node_Schwebstoffgehalt_2d:comment = "ancillary variables may be used for visualization and
data analysis as threshold and plot subgrid mask" ;
Mesh0_node_Schwebstoffgehalt_2d:coordinates = "Mesh0_node_lon Mesh0_node_lat Mesh0_node_x
Mesh0_node_y Mesh0_node_z_node_2d Mesh0_trajectory_long_name Mesh0_Schwebstoffklassen_2d
Mesh0_trajectory_node_distance" ;
Mesh0_node_Schwebstoffgehalt_2d:grid_mapping = "Mesh0_crs" ;
Mesh0_node_Schwebstoffgehalt_2d:standard_name = "concentration_of_suspended_matter_in_sea_water" ;
float Mesh0_node_Tracer_2d(nMesh0_data_time, nMesh0_tracer_classes, nMesh0_layer_2d, nMesh0_trajectory,
nMaxMesh0_trajectory_nodes) ;
Mesh0_node_Tracer_2d:long_name = "Tracer [ node ]" ;
Mesh0_node_Tracer_2d:name_id = 832 ;
Mesh0_node_Tracer_2d:FillValue = 1.e+31f ;
Mesh0_node_Tracer_2d:ancillary_variables = "Mesh0_node_Gesamtwassertiefe_2d" ;
Mesh0_node_Tracer_2d:cell_measures = "volume: Mesh0_node_Wasservolumen_2d area:
Mesh0_node_Wasserflaeche_2d" ;
Mesh0_node_Tracer_2d:cell_methods = "nMesh0_data_time: point nMesh0_tracer_classes: point
nMesh0_layer_2d: mean area: mean" ;
Mesh0_node_Tracer_2d:comment = "ancillary variables may be used for visualization and data analysis
as threshold and plot subgrid mask" ;
Mesh0_node_Tracer_2d:coordinates = "Mesh0_node_lon Mesh0_node_lat Mesh0_node_x Mesh0_node_y
Mesh0_node_z_node_2d Mesh0_trajectory_long_name Mesh0_Tracerklassen_2d

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Mesh0_trajectory_node_distance" ;
Mesh0_node_Tracer_2d:grid_mapping = "Mesh0_crs" ;
Mesh0_node_Tracer_2d:standard_name = "tracer" ;
float Mesh0_node_turb_kin_Energie_2d(nMesh0_data_time, nMesh0_layer_2d, nMesh0_trajectory,
nMaxMesh0_trajectory_nodes) ;
Mesh0_node_turb_kin_Energie_2d:long_name = "turb. kin. Energie [ node ]" ;
Mesh0_node_turb_kin_Energie_2d:units = "J kg-1" ;
Mesh0_node_turb_kin_Energie_2d:name_id = 833 ;
Mesh0_node_turb_kin_Energie_2d:FillValue = 1.e+31f ;
Mesh0_node_turb_kin_Energie_2d:ancillary_variables = "Mesh0_node_Gesamtwassertiefe_2d" ;
Mesh0_node_turb_kin_Energie_2d:cell_measures = "volume: Mesh0_node_Wasservolumen_2d area:
Mesh0_node_Wasserflaeche_2d" ;
Mesh0_node_turb_kin_Energie_2d:cell_methods = "nMesh0_data_time: point nMesh0_layer_2d: mean area:
mean" ;
Mesh0_node_turb_kin_Energie_2d:comment = "ancillary variables may be used for visualization and data
analysis as threshold and plot subgrid mask" ;
Mesh0_node_turb_kin_Energie_2d:coordinates = "Mesh0_node_lon Mesh0_node_lat Mesh0_node_x
Mesh0_node_y Mesh0_node_z_node_2d Mesh0_trajectory_long_name Mesh0_trajectory_node_distance" ;
Mesh0_node_turb_kin_Energie_2d:grid_mapping = "Mesh0_crs" ;
float Mesh0_node_gen_turb_Laengenskala_2d(nMesh0_data_time, nMesh0_layer_2d, nMesh0_trajectory,
nMaxMesh0_trajectory_nodes) ;
Mesh0_node_gen_turb_Laengenskala_2d:long_name = "gen. turb. Laengenskala [ node ]" ;
Mesh0_node_gen_turb_Laengenskala_2d:units = "m" ;
Mesh0_node_gen_turb_Laengenskala_2d:name_id = 1471 ;
Mesh0_node_gen_turb_Laengenskala_2d:FillValue = 1.e+31f ;
Mesh0_node_gen_turb_Laengenskala_2d:ancillary_variables = "Mesh0_node_Gesamtwassertiefe_2d" ;
Mesh0_node_gen_turb_Laengenskala_2d:cell_measures = "volume: Mesh0_node_Wasservolumen_2d area:
Mesh0_node_Wasserflaeche_2d" ;
Mesh0_node_gen_turb_Laengenskala_2d:cell_methods = "nMesh0_data_time: point nMesh0_layer_2d: mean
area: mean" ;
Mesh0_node_gen_turb_Laengenskala_2d:comment = "ancillary variables may be used for visualization and
data analysis as threshold and plot subgrid mask" ;
Mesh0_node_gen_turb_Laengenskala_2d:coordinates = "Mesh0_node_lon Mesh0_node_lat Mesh0_node_x
Mesh0_node_y Mesh0_node_z_node_2d Mesh0_trajectory_long_name Mesh0_trajectory_node_distance" ;
Mesh0_node_gen_turb_Laengenskala_2d:grid_mapping = "Mesh0_crs" ;
float Mesh0_node_Windschubspannung_2d(nMesh0_data_time, nMesh0_trajectory, nMaxMesh0_trajectory_nodes) ;
Mesh0_node_Windschubspannung_2d:long_name = "Windschubspannung [ node ]" ;
Mesh0_node_Windschubspannung_2d:units = "N m-2" ;
Mesh0_node_Windschubspannung_2d:name_id = 909 ;
Mesh0_node_Windschubspannung_2d:FillValue = 1.e+31f ;
Mesh0_node_Windschubspannung_2d:ancillary_variables = "Mesh0_node_Gesamtwassertiefe_2d" ;
Mesh0_node_Windschubspannung_2d:cell_measures = "area: Mesh0_node_Wasserflaeche_2d" ;
Mesh0_node_Windschubspannung_2d:cell_methods = "nMesh0_data_time: point area: mean" ;
Mesh0_node_Windschubspannung_2d:comment = "ancillary variables may be used for visualization and
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data analysis as threshold and plot subgrid mask" ;
Mesh0_node_Windschubspannung_2d:coordinates = "Mesh0_node_lon Mesh0_node_lat Mesh0_node_x
Mesh0_node_y Mesh0_trajectory_long_name Mesh0_trajectory_node_distance" ;
Mesh0_node_Windschubspannung_2d:grid_mapping = "Mesh0_crs" ;
float Mesh0_node_Dichte_2d(nMesh0_data_time, nMesh0_layer_2d, nMesh0_trajectory, nMaxMesh0_trajectory_nodes)
;
Mesh0_node_Dichte_2d:long_name = "Dichte [ node ]" ;
Mesh0_node_Dichte_2d:units = "kg m-3" ;
Mesh0_node_Dichte_2d:name_id = 113 ;
Mesh0_node_Dichte_2d:_FillValue = 1.e+31f ;
Mesh0_node_Dichte_2d:ancillary_variables = "Mesh0_node_Gesamtwassertiefe_2d" ;
Mesh0_node_Dichte_2d:cell_measures = "volume: Mesh0_node_Wasservolumen_2d area:
Mesh0_node_Wasserflaeche_2d" ;
Mesh0_node_Dichte_2d:cell_methods = "nMesh0_data_time: point nMesh0_layer_2d: mean area: mean" ;
Mesh0_node_Dichte_2d:comment = "ancillary variables may be used for visualization and data analysis
as threshold and plot subgrid mask" ;
Mesh0_node_Dichte_2d:coordinates = "Mesh0_node_lon Mesh0_node_lat Mesh0_node_x Mesh0_node_y
Mesh0_node_z_node_2d Mesh0_trajectory_long_name Mesh0_trajectory_node_distance" ;
Mesh0_node_Dichte_2d:grid_mapping = "Mesh0_crs" ;
Mesh0_node_Dichte_2d:standard_name = "sea_water_density" ;
float Mesh0_node_Luftdruck_2d(nMesh0_data_time, nMesh0_trajectory, nMaxMesh0_trajectory_nodes) ;
Mesh0_node_Luftdruck_2d:long_name = "Luftdruck [ node ]" ;
Mesh0_node_Luftdruck_2d:units = "1e2 Pa" ;
Mesh0_node_Luftdruck_2d:name_id = 11 ;
Mesh0_node_Luftdruck_2d:_FillValue = 1.e+31f ;
Mesh0_node_Luftdruck_2d:cell_measures = "area: Mesh0_node_Zellenflaeche_2d" ;
Mesh0_node_Luftdruck_2d:cell_methods = "nMesh0_data_time: point area: mean" ;
Mesh0_node_Luftdruck_2d:comment = "no ancillary variables and no plot subgrid mask" ;
Mesh0_node_Luftdruck_2d:coordinates = "Mesh0_node_lon Mesh0_node_lat Mesh0_node_x Mesh0_node_y
Mesh0_trajectory_long_name Mesh0_trajectory_node_distance" ;
Mesh0_node_Luftdruck_2d:grid_mapping = "Mesh0_crs" ;
Mesh0_node_Luftdruck_2d:standard_name = "air_pressure_at_sea_level" ;
float Mesh0_node_Salzstromdichte_Oberflaeche_2d(nMesh0_data_time, nMesh0_trajectory,
nMaxMesh0_trajectory_nodes) ;
Mesh0_node_Salzstromdichte_Oberflaeche_2d:long_name = "Salzstromdichte (Oberflaeche) [ node ]" ;
Mesh0_node_Salzstromdichte_Oberflaeche_2d:units = "m s-1" ;
Mesh0_node_Salzstromdichte_Oberflaeche_2d:name_id = 1473 ;
Mesh0_node_Salzstromdichte_Oberflaeche_2d:_FillValue = 1.e+31f ;
Mesh0_node_Salzstromdichte_Oberflaeche_2d:ancillary_variables = "Mesh0_node_Gesamtwassertiefe_2d" ;
Mesh0_node_Salzstromdichte_Oberflaeche_2d:cell_measures = "area: Mesh0_node_Wasserflaeche_2d" ;
Mesh0_node_Salzstromdichte_Oberflaeche_2d:cell_methods = "nMesh0_data_time: point area: mean" ;
Mesh0_node_Salzstromdichte_Oberflaeche_2d:comment = "ancillary variables may be used for
visualization and data analysis as threshold and plot subgrid mask" ;
Mesh0_node_Salzstromdichte_Oberflaeche_2d:coordinates = "Mesh0_node_lon Mesh0_node_lat Mesh0_node_x

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    Mesh0_node_y Mesh0_trajectory_long_name Mesh0_trajectory_node_distance" ;
    Mesh0_node_Salzstromdichte_Oberflaeche_2d:grid_mapping = "Mesh0_crs" ;
float Mesh0_node_Salzstromdichte_Sohle_2d(nMesh0_data_time, nMesh0_trajectory, nMaxMesh0_trajectory_nodes) ;
    Mesh0_node_Salzstromdichte_Sohle_2d:long_name = "Salzstromdichte (Sohle) [ node ]" ;
    Mesh0_node_Salzstromdichte_Sohle_2d:units = "m s-1" ;
    Mesh0_node_Salzstromdichte_Sohle_2d:name_id = 1474 ;
    Mesh0_node_Salzstromdichte_Sohle_2d:_FillValue = 1.e+31f ;
    Mesh0_node_Salzstromdichte_Sohle_2d:ancillary_variables = "Mesh0_node_Gesamtwassertiefe_2d" ;
    Mesh0_node_Salzstromdichte_Sohle_2d:cell_measures = "area: Mesh0_node_Wasserflaeche_2d" ;
    Mesh0_node_Salzstromdichte_Sohle_2d:cell_methods = "nMesh0_data_time: point area: mean" ;
    Mesh0_node_Salzstromdichte_Sohle_2d:comment = "ancillary variables may be used for visualization and
data analysis as threshold and plot subgrid mask" ;
    Mesh0_node_Salzstromdichte_Sohle_2d:coordinates = "Mesh0_node_lon Mesh0_node_lat Mesh0_node_x
Mesh0_node_y Mesh0_trajectory_long_name Mesh0_trajectory_node_distance" ;
    Mesh0_node_Salzstromdichte_Sohle_2d:grid_mapping = "Mesh0_crs" ;
float Mesh0_node_Waermestromdichte_Oberflaeche_2d(nMesh0_data_time, nMesh0_trajectory,
nMaxMesh0_trajectory_nodes) ;
    Mesh0_node_Waermestromdichte_Oberflaeche_2d:long_name = "Waermestromdichte (Oberflaeche) [ node ]" ;
    Mesh0_node_Waermestromdichte_Oberflaeche_2d:units = "W m-2" ;
    Mesh0_node_Waermestromdichte_Oberflaeche_2d:name_id = 1475 ;
    Mesh0_node_Waermestromdichte_Oberflaeche_2d:_FillValue = 1.e+31f ;
    Mesh0_node_Waermestromdichte_Oberflaeche_2d:ancillary_variables = "Mesh0_node_Gesamtwassertiefe_2d"
;
    Mesh0_node_Waermestromdichte_Oberflaeche_2d:cell_measures = "area: Mesh0_node_Wasserflaeche_2d" ;
    Mesh0_node_Waermestromdichte_Oberflaeche_2d:cell_methods = "nMesh0_data_time: point area: mean" ;
    Mesh0_node_Waermestromdichte_Oberflaeche_2d:comment = "ancillary variables may be used for
visualization and data analysis as threshold and plot subgrid mask" ;
    Mesh0_node_Waermestromdichte_Oberflaeche_2d:coordinates = "Mesh0_node_lon Mesh0_node_lat
Mesh0_node_x Mesh0_node_y Mesh0_trajectory_long_name Mesh0_trajectory_node_distance" ;
    Mesh0_node_Waermestromdichte_Oberflaeche_2d:grid_mapping = "Mesh0_crs" ;
float Mesh0_node_Waermestromdichte_Sohle_2d(nMesh0_data_time, nMesh0_trajectory, nMaxMesh0_trajectory_nodes)
;
    Mesh0_node_Waermestromdichte_Sohle_2d:long_name = "Waermestromdichte (Sohle) [ node ]" ;
    Mesh0_node_Waermestromdichte_Sohle_2d:units = "W m-2" ;
    Mesh0_node_Waermestromdichte_Sohle_2d:name_id = 1476 ;
    Mesh0_node_Waermestromdichte_Sohle_2d:_FillValue = 1.e+31f ;
    Mesh0_node_Waermestromdichte_Sohle_2d:ancillary_variables = "Mesh0_node_Gesamtwassertiefe_2d" ;
    Mesh0_node_Waermestromdichte_Sohle_2d:cell_measures = "area: Mesh0_node_Wasserflaeche_2d" ;
    Mesh0_node_Waermestromdichte_Sohle_2d:cell_methods = "nMesh0_data_time: point area: mean" ;
    Mesh0_node_Waermestromdichte_Sohle_2d:comment = "ancillary variables may be used for visualization
and data analysis as threshold and plot subgrid mask" ;
    Mesh0_node_Waermestromdichte_Sohle_2d:coordinates = "Mesh0_node_lon Mesh0_node_lat Mesh0_node_x
Mesh0_node_y Mesh0_trajectory_long_name Mesh0_trajectory_node_distance" ;
    Mesh0_node_Waermestromdichte_Sohle_2d:grid_mapping = "Mesh0_crs" ;

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float Mesh0_node_Bodenevolutionsrate_2d(nMesh0_data_time, nMesh0_trajectory, nMaxMesh0_trajectory_nodes) ;
    Mesh0_node_Bodenevolutionsrate_2d:long_name = "Bodenevolutionsrate [ node ]" ;
    Mesh0_node_Bodenevolutionsrate_2d:units = "mm s-1" ;
    Mesh0_node_Bodenevolutionsrate_2d:name_id = 1158 ;
    Mesh0_node_Bodenevolutionsrate_2d:FillValue = 1.e+31f ;
    Mesh0_node_Bodenevolutionsrate_2d:cell_measures = "area: Mesh0_node_Zellenflaeche_2d" ;
    Mesh0_node_Bodenevolutionsrate_2d:cell_methods = "nMesh0_data_time: point area: mean" ;
    Mesh0_node_Bodenevolutionsrate_2d:comment = "no ancillary variables and no plot subgrid mask" ;
    Mesh0_node_Bodenevolutionsrate_2d:coordinates = "Mesh0_node_lon Mesh0_node_lat Mesh0_node_x
    Mesh0_node_y Mesh0_trajectory_long_name Mesh0_trajectory_node_distance" ;
    Mesh0_node_Bodenevolutionsrate_2d:grid_mapping = "Mesh0_crs" ;
float Mesh0_node_Sedimentstromdichte_Oberflaeche_2d(nMesh0_data_time, nMesh0_suspension_classes,
nMesh0_trajectory, nMaxMesh0_trajectory_nodes) ;
    Mesh0_node_Sedimentstromdichte_Oberflaeche_2d:long_name = "Sedimentstromdichte (Oberflaeche) [ node
    ]" ;
    Mesh0_node_Sedimentstromdichte_Oberflaeche_2d:units = "kg m-2 s-1" ;
    Mesh0_node_Sedimentstromdichte_Oberflaeche_2d:name_id = 1477 ;
    Mesh0_node_Sedimentstromdichte_Oberflaeche_2d:FillValue = 1.e+31f ;
    Mesh0_node_Sedimentstromdichte_Oberflaeche_2d:ancillary_variables =
    "Mesh0_node_Gesamtwassertiefe_2d" ;
    Mesh0_node_Sedimentstromdichte_Oberflaeche_2d:cell_measures = "area: Mesh0_node_Wasserflaeche_2d" ;
    Mesh0_node_Sedimentstromdichte_Oberflaeche_2d:cell_methods = "nMesh0_data_time: point
    nMesh0_suspension_classes: point area: mean" ;
    Mesh0_node_Sedimentstromdichte_Oberflaeche_2d:comment = "ancillary variables may be used for
    visualization and data analysis as threshold and plot subgrid mask" ;
    Mesh0_node_Sedimentstromdichte_Oberflaeche_2d:coordinates = "Mesh0_node_lon Mesh0_node_lat
    Mesh0_node_x Mesh0_node_y Mesh0_trajectory_long_name Mesh0_Schwebstoffklassen_2d
    Mesh0_trajectory_node_distance" ;
    Mesh0_node_Sedimentstromdichte_Oberflaeche_2d:grid_mapping = "Mesh0_crs" ;
float Mesh0_node_Sedimentstromdichte_Sohle_2d(nMesh0_data_time, nMesh0_suspension_classes,
nMesh0_trajectory, nMaxMesh0_trajectory_nodes) ;
    Mesh0_node_Sedimentstromdichte_Sohle_2d:long_name = "Sedimentstromdichte (Sohle) [ node ]" ;
    Mesh0_node_Sedimentstromdichte_Sohle_2d:units = "kg m-2 s-1" ;
    Mesh0_node_Sedimentstromdichte_Sohle_2d:name_id = 1478 ;
    Mesh0_node_Sedimentstromdichte_Sohle_2d:FillValue = 1.e+31f ;
    Mesh0_node_Sedimentstromdichte_Sohle_2d:ancillary_variables = "Mesh0_node_Gesamtwassertiefe_2d" ;
    Mesh0_node_Sedimentstromdichte_Sohle_2d:cell_measures = "area: Mesh0_node_Wasserflaeche_2d" ;
    Mesh0_node_Sedimentstromdichte_Sohle_2d:cell_methods = "nMesh0_data_time: point
    nMesh0_suspension_classes: point area: mean" ;
    Mesh0_node_Sedimentstromdichte_Sohle_2d:comment = "ancillary variables may be used for visualization
    and data analysis as threshold and plot subgrid mask" ;
    Mesh0_node_Sedimentstromdichte_Sohle_2d:coordinates = "Mesh0_node_lon Mesh0_node_lat Mesh0_node_x
    Mesh0_node_y Mesh0_trajectory_long_name Mesh0_Schwebstoffklassen_2d Mesh0_trajectory_node_distance"
    ;
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    Mesh0_node_Sedimentstromdichte_Sohle_2d:grid_mapping = "Mesh0_crs" ;
float Mesh0_node_Tracerstromdichte_Oberflaeche_2d(nMesh0_data_time, nMesh0_tracer_classes,
nMesh0_trajectory, nMaxMesh0_trajectory_nodes) ;
    Mesh0_node_Tracerstromdichte_Oberflaeche_2d:long_name = "Tracerstromdichte (Oberflaeche) [ node ]" ;
    Mesh0_node_Tracerstromdichte_Oberflaeche_2d:units = "m s-1" ;
    Mesh0_node_Tracerstromdichte_Oberflaeche_2d:name_id = 1479 ;
    Mesh0_node_Tracerstromdichte_Oberflaeche_2d:_FillValue = 1.e+31f ;
    Mesh0_node_Tracerstromdichte_Oberflaeche_2d:ancillary_variables = "Mesh0_node_Gesamtwassertiefe_2d"
;
    Mesh0_node_Tracerstromdichte_Oberflaeche_2d:cell_measures = "area: Mesh0_node_Wasserflaeche_2d" ;
    Mesh0_node_Tracerstromdichte_Oberflaeche_2d:cell_methods = "nMesh0_data_time: point
nMesh0_tracer_classes: point area: mean" ;
    Mesh0_node_Tracerstromdichte_Oberflaeche_2d:comment = "ancillary variables may be used for
visualization and data analysis as threshold and plot subgrid mask" ;
    Mesh0_node_Tracerstromdichte_Oberflaeche_2d:coordinates = "Mesh0_node_lon Mesh0_node_lat
Mesh0_node_x Mesh0_node_y Mesh0_trajectory_long_name Mesh0_Tracerklassen_2d
Mesh0_trajectory_node_distance" ;
    Mesh0_node_Tracerstromdichte_Oberflaeche_2d:grid_mapping = "Mesh0_crs" ;
float Mesh0_node_Tracerstromdichte_Sohle_2d(nMesh0_data_time, nMesh0_tracer_classes, nMesh0_trajectory,
nMaxMesh0_trajectory_nodes) ;
    Mesh0_node_Tracerstromdichte_Sohle_2d:long_name = "Tracerstromdichte (Sohle) [ node ]" ;
    Mesh0_node_Tracerstromdichte_Sohle_2d:units = "m s-1" ;
    Mesh0_node_Tracerstromdichte_Sohle_2d:name_id = 1480 ;
    Mesh0_node_Tracerstromdichte_Sohle_2d:_FillValue = 1.e+31f ;
    Mesh0_node_Tracerstromdichte_Sohle_2d:ancillary_variables = "Mesh0_node_Gesamtwassertiefe_2d" ;
    Mesh0_node_Tracerstromdichte_Sohle_2d:cell_measures = "area: Mesh0_node_Wasserflaeche_2d" ;
    Mesh0_node_Tracerstromdichte_Sohle_2d:cell_methods = "nMesh0_data_time: point nMesh0_tracer_classes:
point area: mean" ;
    Mesh0_node_Tracerstromdichte_Sohle_2d:comment = "ancillary variables may be used for visualization
and data analysis as threshold and plot subgrid mask" ;
    Mesh0_node_Tracerstromdichte_Sohle_2d:coordinates = "Mesh0_node_lon Mesh0_node_lat Mesh0_node_x
Mesh0_node_y Mesh0_trajectory_long_name Mesh0_Tracerklassen_2d Mesh0_trajectory_node_distance" ;
    Mesh0_node_Tracerstromdichte_Sohle_2d:grid_mapping = "Mesh0_crs" ;
float Mesh0_node_Wasserflaeche_2d(nMesh0_data_time, nMesh0_trajectory, nMaxMesh0_trajectory_nodes) ;
    Mesh0_node_Wasserflaeche_2d:long_name = "Wasserflaeche [ node ]" ;
    Mesh0_node_Wasserflaeche_2d:units = "m2" ;
    Mesh0_node_Wasserflaeche_2d:name_id = 1625 ;
    Mesh0_node_Wasserflaeche_2d:_FillValue = 1.e+31f ;
    Mesh0_node_Wasserflaeche_2d:coordinates = "Mesh0_node_lon Mesh0_node_lat Mesh0_node_x Mesh0_node_y
Mesh0_trajectory_long_name Mesh0_trajectory_node_distance" ;
    Mesh0_node_Wasserflaeche_2d:grid_mapping = "Mesh0_crs" ;
    Mesh0_node_Wasserflaeche_2d:standard_name = "sea_area" ;
float Mesh0_node_Wasservolumen_2d(nMesh0_data_time, nMesh0_trajectory, nMaxMesh0_trajectory_nodes) ;
    Mesh0_node_Wasservolumen_2d:long_name = "Wasservolumen [ node ]" ;

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    Mesh0_node_Wasservolumen_2d:units = "m3" ;
    Mesh0_node_Wasservolumen_2d:name_id = 1626 ;
    Mesh0_node_Wasservolumen_2d:FillValue = 1.e+31f ;
    Mesh0_node_Wasservolumen_2d:coordinates = "Mesh0_node_lon Mesh0_node_lat Mesh0_node_x Mesh0_node_y
    Mesh0_trajectory_long_name Mesh0_trajectory_node_distance" ;
    Mesh0_node_Wasservolumen_2d:grid_mapping = "Mesh0_crs" ;
    Mesh0_node_Wasservolumen_2d:standard_name = "sea_water_volume" ;
double nMesh0_data_time(nMesh0_data_time) ;
    nMesh0_data_time:long_name = "time" ;
    nMesh0_data_time:units = "hours since 2010-02-24 00:00:00 01:00" ;
    nMesh0_data_time:name_id = 1640 ;
    nMesh0_data_time:axis = "T" ;
    nMesh0_data_time:calendar = "gregorian" ;
    nMesh0_data_time:standard_name = "time" ;
float Mesh0_node_Topographie_2d(nMesh0_trajectory, nMaxMesh0_trajectory_nodes) ;
    Mesh0_node_Topographie_2d:long_name = "Topographie [ node ]" ;
    Mesh0_node_Topographie_2d:units = "m" ;
    Mesh0_node_Topographie_2d:name_id = 17 ;
    Mesh0_node_Topographie_2d:FillValue = 1.e+31f ;
    Mesh0_node_Topographie_2d:cell_measures = "area: Mesh0_node_Zellenflaeche_2d" ;
    Mesh0_node_Topographie_2d:cell_methods = "area: mean" ;
    Mesh0_node_Topographie_2d:coordinates = "Mesh0_node_lon Mesh0_node_lat Mesh0_node_x Mesh0_node_y
    Mesh0_trajectory_long_name Mesh0_trajectory_node_distance" ;
    Mesh0_node_Topographie_2d:grid_mapping = "Mesh0_crs" ;
    Mesh0_node_Topographie_2d:standard_name = "sea_floor_depth_below_geoid" ;
float Mesh0_node_Gesamtwassertiefe_2d(nMesh0_data_time, nMesh0_trajectory, nMaxMesh0_trajectory_nodes) ;
    Mesh0_node_Gesamtwassertiefe_2d:long_name = "Gesamtwassertiefe [ node ]" ;
    Mesh0_node_Gesamtwassertiefe_2d:units = "m" ;
    Mesh0_node_Gesamtwassertiefe_2d:name_id = 16 ;
    Mesh0_node_Gesamtwassertiefe_2d:FillValue = 1.e+31f ;
    Mesh0_node_Gesamtwassertiefe_2d:cell_measures = "area: Mesh0_node_Wasserflaeche_2d" ;
    Mesh0_node_Gesamtwassertiefe_2d:cell_methods = "nMesh0_data_time: point area: mean" ;
    Mesh0_node_Gesamtwassertiefe_2d:comment = "ancillary variable may be used for visualization as plot
    subgrid mask" ;
    Mesh0_node_Gesamtwassertiefe_2d:coordinates = "Mesh0_node_lon Mesh0_node_lat Mesh0_node_x
    Mesh0_node_y Mesh0_trajectory_long_name Mesh0_trajectory_node_distance" ;
    Mesh0_node_Gesamtwassertiefe_2d:grid_mapping = "Mesh0_crs" ;
    Mesh0_node_Gesamtwassertiefe_2d:standard_name = "sea_floor_depth_below_sea_surface" ;
float Mesh0_node_Stroemungsgeschwindigkeit_x_R_2d(nMesh0_data_time, nMesh0_layer_2d, nMesh0_trajectory,
nMaxMesh0_trajectory_nodes) ;
    Mesh0_node_Stroemungsgeschwindigkeit_x_R_2d:long_name = "Stroemungsgeschwindigkeit (x-R.) [ node ]"
    ;
    Mesh0_node_Stroemungsgeschwindigkeit_x_R_2d:units = "m s-1" ;
    Mesh0_node_Stroemungsgeschwindigkeit_x_R_2d:name_id = 14 ;

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Mesh0_node_Stroemungsgeschwindigkeit_x_R_2d: FillValue = 1.e+31f ;
Mesh0_node_Stroemungsgeschwindigkeit_x_R_2d: ancillary_variables = "Mesh0_node_Gesamtwassertiefe_2d"
;
Mesh0_node_Stroemungsgeschwindigkeit_x_R_2d: cell_measures = "volume: Mesh0_node_Wasservolumen_2d
area: Mesh0_node_Wasserflaeche_2d" ;
Mesh0_node_Stroemungsgeschwindigkeit_x_R_2d: cell_methods = "nMesh0_data_time: point nMesh0_layer_2d:
mean area: mean" ;
Mesh0_node_Stroemungsgeschwindigkeit_x_R_2d: comment = "ancillary variables may be used for
visualization and data analysis as threshold and plot subgrid mask" ;
Mesh0_node_Stroemungsgeschwindigkeit_x_R_2d: coordinates = "Mesh0_node_lon Mesh0_node_lat
Mesh0_node_x Mesh0_node_y Mesh0_node_z_node_2d Mesh0_trajectory_long_name
Mesh0_trajectory_node_distance" ;
Mesh0_node_Stroemungsgeschwindigkeit_x_R_2d: grid_mapping = "Mesh0_crs" ;
Mesh0_node_Stroemungsgeschwindigkeit_x_R_2d: standard_name = "sea_water_x_velocity" ;
float Mesh0_node_Stroemungsgeschwindigkeit_y_R_2d(nMesh0_data_time, nMesh0_layer_2d, nMesh0_trajectory,
nMaxMesh0_trajectory_nodes) ;
Mesh0_node_Stroemungsgeschwindigkeit_y_R_2d: long_name = "Stroemungsgeschwindigkeit (y-R.) [ node ]"
;
Mesh0_node_Stroemungsgeschwindigkeit_y_R_2d: units = "m s-1" ;
Mesh0_node_Stroemungsgeschwindigkeit_y_R_2d: name_id = 15 ;
Mesh0_node_Stroemungsgeschwindigkeit_y_R_2d: FillValue = 1.e+31f ;
Mesh0_node_Stroemungsgeschwindigkeit_y_R_2d: ancillary_variables = "Mesh0_node_Gesamtwassertiefe_2d"
;
Mesh0_node_Stroemungsgeschwindigkeit_y_R_2d: cell_measures = "volume: Mesh0_node_Wasservolumen_2d
area: Mesh0_node_Wasserflaeche_2d" ;
Mesh0_node_Stroemungsgeschwindigkeit_y_R_2d: cell_methods = "nMesh0_data_time: point nMesh0_layer_2d:
mean area: mean" ;
Mesh0_node_Stroemungsgeschwindigkeit_y_R_2d: comment = "ancillary variables may be used for
visualization and data analysis as threshold and plot subgrid mask" ;
Mesh0_node_Stroemungsgeschwindigkeit_y_R_2d: coordinates = "Mesh0_node_lon Mesh0_node_lat
Mesh0_node_x Mesh0_node_y Mesh0_trajectory_long_name Mesh0_trajectory_node_distance" ;
Mesh0_node_Stroemungsgeschwindigkeit_y_R_2d: grid_mapping = "Mesh0_crs" ;
Mesh0_node_Stroemungsgeschwindigkeit_y_R_2d: standard_name = "sea_water_y_velocity" ;
float Mesh0_node_skalare_Stroemungsgeschwindigkeit_2d(nMesh0_data_time, nMesh0_layer_2d, nMesh0_trajectory,
nMaxMesh0_trajectory_nodes) ;
Mesh0_node_skalare_Stroemungsgeschwindigkeit_2d: long_name = "skalare Stroemungsgeschwindigkeit [
node ]" ;
Mesh0_node_skalare_Stroemungsgeschwindigkeit_2d: units = "m s-1" ;
Mesh0_node_skalare_Stroemungsgeschwindigkeit_2d: name_id = 836 ;
Mesh0_node_skalare_Stroemungsgeschwindigkeit_2d: FillValue = 1.e+31f ;
Mesh0_node_skalare_Stroemungsgeschwindigkeit_2d: ancillary_variables =
"Mesh0_node_Gesamtwassertiefe_2d" ;
Mesh0_node_skalare_Stroemungsgeschwindigkeit_2d: cell_measures = "volume: Mesh0_node_Wasservolumen_2d
area: Mesh0_node_Wasserflaeche_2d" ;

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Mesh0_node_skalare_Stroemungsgeschwindigkeit_2d:cell_methods = "nMesh0_data_time: point
nMesh0_layer_2d: mean area: mean" ;
Mesh0_node_skalare_Stroemungsgeschwindigkeit_2d:comment = "ancillary variables may be used for
visualization and data analysis as threshold and plot subgrid mask" ;
Mesh0_node_skalare_Stroemungsgeschwindigkeit_2d:coordinates = "Mesh0_node_lon Mesh0_node_lat
Mesh0_node_x Mesh0_node_y Mesh0_node_z_node_2d Mesh0_trajectory_long_name
Mesh0_trajectory_node_distance" ;
Mesh0_node_skalare_Stroemungsgeschwindigkeit_2d:grid_mapping = "Mesh0_crs" ;
Mesh0_node_skalare_Stroemungsgeschwindigkeit_2d:standard_name = "magnitude_of_sea_water_velocity" ;
char Mesh0_Schwebstoffklassen_2d(nMesh0_suspension_classes, nMesh0_class_names_strlen) ;
Mesh0_Schwebstoffklassen_2d:long_name = "Schwebstoffklassen" ;
Mesh0_Schwebstoffklassen_2d:name_id = 1704 ;
char Mesh0_Tracerklassen_2d(nMesh0_tracer_classes, nMesh0_class_names_strlen) ;
Mesh0_Tracerklassen_2d:long_name = "Tracerklassen" ;
Mesh0_Tracerklassen_2d:name_id = 1705 ;
float Mesh0_node_z_node_2d(nMesh0_data_time, nMesh0_layer_2d, nMesh0_trajectory, nMaxMesh0_trajectory_nodes)
;
Mesh0_node_z_node_2d:long_name = "z_node [ node ]" ;
Mesh0_node_z_node_2d:units = "m" ;
Mesh0_node_z_node_2d:name_id = 2714 ;
Mesh0_node_z_node_2d:_FillValue = 1.e+31f ;
Mesh0_node_z_node_2d:bounds = "Mesh0_node_z_node_bnd_2d" ;
Mesh0_node_z_node_2d:positive = "down" ;
Mesh0_node_z_node_2d:standard_name = "depth" ;
float Mesh0_node_z_node_bnd_2d(nMesh0_data_time, nMesh0_layer_2d, nMesh0_trajectory,
nMaxMesh0_trajectory_nodes, two) ;
Mesh0_node_z_node_bnd_2d:name_id = 2715 ;
Mesh0_node_z_node_bnd_2d:_FillValue = 1.e+31f ;
float Mesh0_node_Windgeschwindigkeit_U10_2d(nMesh0_data_time, nMesh0_trajectory, nMaxMesh0_trajectory_nodes)
;
Mesh0_node_Windgeschwindigkeit_U10_2d:long_name = "Windgeschwindigkeit (U10) [ node ]" ;
Mesh0_node_Windgeschwindigkeit_U10_2d:units = "m s-1" ;
Mesh0_node_Windgeschwindigkeit_U10_2d:name_id = 557 ;
Mesh0_node_Windgeschwindigkeit_U10_2d:_FillValue = 1.e+31f ;
Mesh0_node_Windgeschwindigkeit_U10_2d:cell_measures = "area: Mesh0_node_Wasserflaeche_2d" ;
Mesh0_node_Windgeschwindigkeit_U10_2d:cell_methods = "nMesh0_data_time: point area: mean" ;
Mesh0_node_Windgeschwindigkeit_U10_2d:comment = "no ancillary variables and no plot subgrid mask" ;
Mesh0_node_Windgeschwindigkeit_U10_2d:coordinates = "Mesh0_node_lon Mesh0_node_lat Mesh0_node_x
Mesh0_node_y Mesh0_trajectory_long_name Mesh0_trajectory_node_distance" ;
Mesh0_node_Windgeschwindigkeit_U10_2d:grid_mapping = "Mesh0_crs" ;
Mesh0_node_Windgeschwindigkeit_U10_2d:standard_name = "x_wind" ;
float Mesh0_node_Windgeschwindigkeit_V10_2d(nMesh0_data_time, nMesh0_trajectory, nMaxMesh0_trajectory_nodes)
;
Mesh0_node_Windgeschwindigkeit_V10_2d:long_name = "Windgeschwindigkeit (V10) [ node ]" ;

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Mesh0_node_Windgeschwindigkeit_V10_2d:units = "m s-1" ;
Mesh0_node_Windgeschwindigkeit_V10_2d:name_id = 558 ;
Mesh0_node_Windgeschwindigkeit_V10_2d:FillValue = 1.e+31f ;
Mesh0_node_Windgeschwindigkeit_V10_2d:cell_measures = "area: Mesh0_node_Wasserflaeche_2d" ;
Mesh0_node_Windgeschwindigkeit_V10_2d:cell_methods = "nMesh0_data_time: point area: mean" ;
Mesh0_node_Windgeschwindigkeit_V10_2d:comment = "no ancillary variables and no plot subgrid mask" ;
Mesh0_node_Windgeschwindigkeit_V10_2d:coordinates = "Mesh0_node_lon Mesh0_node_lat Mesh0_node_x
Mesh0_node_y Mesh0_trajectory_long_name Mesh0_trajectory_node_distance" ;
Mesh0_node_Windgeschwindigkeit_V10_2d:grid_mapping = "Mesh0_crs" ;
Mesh0_node_Windgeschwindigkeit_V10_2d:standard_name = "y_wind" ;
float Mesh0_node_skalare_Windgeschwindigkeit_2d(nMesh0_data_time, nMesh0_trajectory,
nMaxMesh0_trajectory_nodes) ;
Mesh0_node_skalare_Windgeschwindigkeit_2d:long_name = "skalare Windgeschwindigkeit [ node ]" ;
Mesh0_node_skalare_Windgeschwindigkeit_2d:units = "m s-1" ;
Mesh0_node_skalare_Windgeschwindigkeit_2d:name_id = 109 ;
Mesh0_node_skalare_Windgeschwindigkeit_2d:FillValue = 1.e+31f ;
Mesh0_node_skalare_Windgeschwindigkeit_2d:cell_measures = "area: Mesh0_node_Wasserflaeche_2d" ;
Mesh0_node_skalare_Windgeschwindigkeit_2d:cell_methods = "nMesh0_data_time: point area: mean" ;
Mesh0_node_skalare_Windgeschwindigkeit_2d:comment = "no ancillary variables and no plot subgrid
mask" ;
Mesh0_node_skalare_Windgeschwindigkeit_2d:coordinates = "Mesh0_node_lon Mesh0_node_lat Mesh0_node_x
Mesh0_node_y Mesh0_trajectory_long_name Mesh0_trajectory_node_distance" ;
Mesh0_node_skalare_Windgeschwindigkeit_2d:grid_mapping = "Mesh0_crs" ;
Mesh0_node_skalare_Windgeschwindigkeit_2d:standard_name = "wind_speed" ;
float Mesh0_node_x_Komponente_Windschubspannung_2d(nMesh0_data_time, nMesh0_trajectory,
nMaxMesh0_trajectory_nodes) ;
Mesh0_node_x_Komponente_Windschubspannung_2d:long_name = "x-Komponente Windschubspannung [ node ]" ;
Mesh0_node_x_Komponente_Windschubspannung_2d:units = "N m-2" ;
Mesh0_node_x_Komponente_Windschubspannung_2d:name_id = 912 ;
Mesh0_node_x_Komponente_Windschubspannung_2d:FillValue = 1.e+31f ;
Mesh0_node_x_Komponente_Windschubspannung_2d:ancillary_variables = "Mesh0_node_Gesamtwassertiefe_2d"
;
Mesh0_node_x_Komponente_Windschubspannung_2d:cell_measures = "area: Mesh0_node_Wasserflaeche_2d" ;
Mesh0_node_x_Komponente_Windschubspannung_2d:cell_methods = "nMesh0_data_time: point area: mean" ;
Mesh0_node_x_Komponente_Windschubspannung_2d:comment = "ancillary variables may be used for
visualization and data analysis as threshold and plot subgrid mask" ;
Mesh0_node_x_Komponente_Windschubspannung_2d:coordinates = "Mesh0_node_lon Mesh0_node_lat
Mesh0_node_x Mesh0_node_y Mesh0_trajectory_long_name Mesh0_trajectory_node_distance" ;
Mesh0_node_x_Komponente_Windschubspannung_2d:grid_mapping = "Mesh0_crs" ;
float Mesh0_node_y_Komponente_Windschubspannung_2d(nMesh0_data_time, nMesh0_trajectory,
nMaxMesh0_trajectory_nodes) ;
Mesh0_node_y_Komponente_Windschubspannung_2d:long_name = "y-Komponente Windschubspannung [ node ]" ;
Mesh0_node_y_Komponente_Windschubspannung_2d:units = "N m-2" ;
Mesh0_node_y_Komponente_Windschubspannung_2d:name_id = 913 ;
```

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Mesh0_node_y_Komponente_Windschubspannung_2d:_FillValue = 1.e+31f ;
Mesh0_node_y_Komponente_Windschubspannung_2d:ancillary_variables = "Mesh0_node_Gesamtwassertiefe_2d"
;
Mesh0_node_y_Komponente_Windschubspannung_2d:cell_measures = "area: Mesh0_node_Wasserflaeche_2d" ;
Mesh0_node_y_Komponente_Windschubspannung_2d:cell_methods = "nMesh0_data_time: point area: mean" ;
Mesh0_node_y_Komponente_Windschubspannung_2d:comment = "ancillary variables may be used for
visualization and data analysis as threshold and plot subgrid mask" ;
Mesh0_node_y_Komponente_Windschubspannung_2d:coordinates = "Mesh0_node_lon Mesh0_node_lat
Mesh0_node_x Mesh0_node_y Mesh0_trajectory_long_name Mesh0_trajectory_node_distance" ;
Mesh0_node_y_Komponente_Windschubspannung_2d:grid_mapping = "Mesh0_crs" ;
float Mesh0_node_Zellenflaeche_2d(nMesh0_trajectory, nMaxMesh0_trajectory_nodes) ;
Mesh0_node_Zellenflaeche_2d:long_name = "Zellenflaeche [ node ]" ;
Mesh0_node_Zellenflaeche_2d:units = "m2" ;
Mesh0_node_Zellenflaeche_2d:name_id = 1656 ;
Mesh0_node_Zellenflaeche_2d:_FillValue = 1.e+31f ;
Mesh0_node_Zellenflaeche_2d:comment = "no ancillary variables and no plot subgrid mask" ;
Mesh0_node_Zellenflaeche_2d:coordinates = "Mesh0_node_lon Mesh0_node_lat Mesh0_node_x Mesh0_node_y
Mesh0_trajectory_long_name Mesh0_trajectory_node_distance" ;
Mesh0_node_Zellenflaeche_2d:grid_mapping = "Mesh0_crs" ;
Mesh0_node_Zellenflaeche_2d:standard_name = "cell_area" ;
char dmqs_steering(nof_dmqs_processing_steps, dmqs_strlen) ;
dmqs_steering:long_name = "Pfad und Name der Steuerdatei im Arbeitsverzeichnis" ;
dmqs_steering:cf_role = "dmqs_steering" ;
char dmqs_data_path_file(nof_dmqs_processing_steps, dmqs_strlen) ;
dmqs_data_path_file:long_name = "Pfad und Name der Datendatei im Arbeitsverzeichnis" ;
dmqs_data_path_file:cf_role = "dmqs_data_path_file" ;
char dmqs_method(nof_dmqs_processing_steps, dmqs_strlen) ;
dmqs_method:long_name = "Name der Methode" ;
dmqs_method:cf_role = "dmqs_method" ;
char dmqs_execution_start(nof_dmqs_processing_steps, dmqs_strlen) ;
dmqs_execution_start:long_name = "Datums- und Zeitstempel zu Beginn der Laufzeit" ;
dmqs_execution_start:cf_role = "dmqs_execution_start_date_time" ;
double dmqs_sim_time_step ;
dmqs_sim_time_step:long_name = "Rechenzeitschritt der urspruenglichen Simulation" ;
dmqs_sim_time_step:units = "s" ;
dmqs_sim_time_step:_FillValue = 1.e+31 ;
dmqs_sim_time_step:cf_role = "dmqs_sim_time_step" ;
int dmqs ;
dmqs:long_name = "DMQS-Containervariable" ;
dmqs:cf_role = "dmqs_metadata" ;
dmqs:dmqs_components = "dmqs_steering dmqs_data_path_file dmqs_method dmqs_execution_start
dmqs_sim_time_step" ;

```

```
// global attributes:
```

```
:title = "U_CHANNEL_CG040m_SD010m_3D_Conservative_Non_Hydrostatic" ;
:history = "10/12/2016-08:38:47.005000000 CEST,
/net/themis/system/akprog/bin/il6/untrim2009_2016_10_12.il6,
Output_Profile_Grid_File\\n10/12/2016-08:38:51.037000000 CEST,
/net/themis/system/akprog/bin/il6/untrim2009_2016_10_12.il6, utromp2009.dat" ;
:comment = "no comment\\nU_CHANNEL_CG040m_SD010m_3D_Conservative_Non_Hydrostatic" ;
:Conventions = "CF-1.6, UGRID-0.9" ;
:institution = "Bundesanstalt fuer Wasserbau - Federal Waterways Engineering and Research Institute"
;
:references = "http://www.baw.de/ und http://www.baw.de/methoden/index.php5/NetCDF" ;
:source = "UnTRIM2 http://www.baw.de/methoden/index.php5/Mathematisches_Verfahren_UNTRIM2" ;
:geospatial_lat_min = 0.00726744187556978 ;
:geospatial_lat_max = 0.0160181945959225 ;
:geospatial_lat_units = "degrees_north" ;
:geospatial_lon_min = -20.9600818770534 ;
:geospatial_lon_max = -20.9285684925596 ;
:geospatial_lon_units = "degrees_east" ;
:featureType = "trajectoryProfile" ;
:naming_authority = "de.baw" ;
:publisher_name = "BAW - Abteilung Wasserbau - Hydraulic Engineering - Hamburg" ;
:publisher_email = "info@baw.de" ;
:publisher_url = "http://www.baw.de/de/wasserbau/index.html" ;
:uuid = "89a2d210-9046-11e6-bf40-7446a09177e6" ;
:time_coverage_start = "2010-02-24T00:00:00+01:00" ;
:time_coverage_end = "2010-02-24T06:00:00+01:00" ;
:time_coverage_resolution = "P000000DT00H10M00S" ;
:date_created = "2016-10-12T08:38:50.142000000+02:00" ;
:date_modified = "2016-10-12T08:38:50.142000000+02:00" ;
:standard_name_vocabulary = "CF-1.6, UGRID-0.9" ;
:max_source_dimensionality = "3D" ;
```

```
}
```