```
#\#CIF_1.1

#  CIF produced by WinGX routine CIF_UPDATE
#  Created on 2013-07-31 at 15:57:18
#  Using CIFtbx version 2.6.2 16 Jun 1998

#  Dictionary name : cif_core.dic
#  Dictionary vers : 2.4
#  Request file    : c:\wingx\files\archive.reqdat
#  CIF files read  : gl567_2 gl567_2_od

#------------------ SECTION 1. GLOBAL INFORMATION --------------------------#

data_global

#------------------ AUDIT DETAILS ------------------------------------------#

_audit_creation_date            2013-07-31
_audit_creation_method          'WinGX routine CIF_UPDATE'
_audit_conform_dict_name        cif_core.dic
_audit_conform_dict_version     2.4
_audit_conform_dict_location    ftp://ftp.iucr.org/pub/cif_core.dic
_audit_update_record            ?

#------------------ AUTHOR DETAILS -----------------------------------------#


#------------------  SECTION 2. COMPOUND(S) DETAILS ------------------------#

data_gl567_2

_audit_creation_date                    2013-07-31T15:57:18-00:00
_audit_creation_method                  'WinGX routine CIF_UPDATE'
_audit_author_name                'V. Kahlenberg'
_audit_contact_author             'V. Kahlenberg'
_audit_contact_author_address
;
  Institut f\"ur Mineralogie und Petrographie
  Leopold-Franzens-Universit\"at Innsbruck
  Innrain 52
  A-6020 Innsbruck
  Austria
;
_audit_contact_author_email Volker.Kahlenberg@uibk.ac.at
_audit_contact_author_fax '+43 512 507 2926'
_audit_contact_author_phone '+43 512 507 5503'

_audit_conform_dict_name                cif_core.dic
_audit_conform_dict_version             2.4
_audit_conform_dict_location            ftp://ftp.iucr.org/pub/cif_core.dic
_publ_requested_category                FO

#------------------------------------------------------------------------------#
#                   CHEMICAL INFORMATION                                       #
#------------------------------------------------------------------------------#

_chemical_name_systematic
;
 ?
;
_chemical_formula_sum                   'C11 H13 N O4'
_chemical_formula_moiety                'C11 H11 N O3, H2 O'
_chemical_formula_weight                223.22
_chemical_absolute_configuration        unk
```

```
#------------------------------------------------------------------------------#
#                   UNIT CELL INFORMATION                                      #
#------------------------------------------------------------------------------#

_symmetry_cell_setting                monoclinic
_symmetry_space_group_name_H-M        'C 1 c 1'
_symmetry_space_group_name_Hall       'C -2yc'
loop_
    _symmetry_equiv_pos_as_xyz
'x, y, z'
'x, -y, z+1/2'
'x+1/2, y+1/2, z'
'x+1/2, -y+1/2, z+1/2'

_cell_length_a                        4.7469(3)
_cell_length_b                        16.5037(11)
_cell_length_c                        13.1660(9)
_cell_angle_alpha                     90
_cell_angle_beta                      95.426(7)
_cell_angle_gamma                     90
_cell_volume                          1026.82(12)
_cell_formula_units_Z                 4
_cell_measurement_temperature         173(2)
_cell_measurement_reflns_used         1783
_cell_measurement_theta_min           3.3702
_cell_measurement_theta_max           67.2878

#------------------------------------------------------------------------------#
#                   CRYSTAL INFORMATION                                        #
#------------------------------------------------------------------------------#

_exptl_crystal_description            'platy fragment'
_exptl_crystal_colour                 colourless
_exptl_crystal_size_max               0.18
_exptl_crystal_size_mid               0.16
_exptl_crystal_size_min               0.04
_exptl_crystal_density_diffrn         1.444
_exptl_crystal_density_method         'not measured'
_exptl_crystal_F_000                  472
_exptl_special_details
;
 ?
;

#------------------------------------------------------------------------------#
#                   ABSORPTION CORRECTION                                      #
#------------------------------------------------------------------------------#

_exptl_absorpt_coefficient_mu         0.93
_exptl_absorpt_correction_type        multi-scan
_exptl_absorpt_process_details
;
        CrysAlisPro, Agilent Technologies,
        Version 1.171.36.20 (release 27-06-2012 CrysAlis171 .NET)
        (compiled Jul 11 2012,15:38:31)
        Empirical absorption correction using spherical harmonics,
 implemented in SCALE3 ABSPACK scaling algorithm.
;
_exptl_absorpt_correction_T_min       0.94873
_exptl_absorpt_correction_T_max       1

#------------------------------------------------------------------------------#
#                   DATA COLLECTION                                            #
```

```
#------------------------------------------------------------------------------#

_diffrn_ambient_temperature             173(2)
_diffrn_radiation_wavelength            1.5418
_diffrn_radiation_type                  CuK\a
_diffrn_radiation_monochromator         mirror
_diffrn_detector_area_resol_mean        10.3575
_diffrn_orient_matrix_ub_11             0.2317761
_diffrn_orient_matrix_ub_12             0.0560854
_diffrn_orient_matrix_ub_13             0.0506406
_diffrn_orient_matrix_ub_21             0.1180111
_diffrn_orient_matrix_ub_22             -0.0707372
_diffrn_orient_matrix_ub_23             0.067624
_diffrn_orient_matrix_ub_31             0.1970399
_diffrn_orient_matrix_ub_32             -0.0236084
_diffrn_orient_matrix_ub_33             -0.0816786
_diffrn_measurement_device_type         'Xcalibur, Ruby, Gemini ultra'
_diffrn_measurement_method              '\w scans'
_diffrn_reflns_av_R_equivalents         0.0301
_diffrn_reflns_av_unetI/netI            0.0244
_diffrn_reflns_number                   4219
_diffrn_reflns_limit_h_min              -5
_diffrn_reflns_limit_h_max              5
_diffrn_reflns_limit_k_min              -19
_diffrn_reflns_limit_k_max              19
_diffrn_reflns_limit_l_min              -15
_diffrn_reflns_limit_l_max              9
_diffrn_reflns_theta_min                5.36
_diffrn_reflns_theta_max                67.36
_diffrn_reflns_theta_full               67.36
_diffrn_measured_fraction_theta_full
                                        0.995
_diffrn_measured_fraction_theta_max
                                        0.995
_reflns_number_total                    1221
_reflns_number_gt                       1161
_reflns_threshold_expression            >2\s(I)

#------------------------------------------------------------------------------#
#                   COMPUTER PROGRAMS USED                                     #
#------------------------------------------------------------------------------#

_computing_data_collection
;
        CrysAlisPro, Agilent Technologies,
        Version 1.171.36.20 (release 27-06-2012 CrysAlis171 .NET)
        (compiled Jul 11 2012,15:38:31)
;
_computing_cell_refinement
;
        CrysAlisPro, Agilent Technologies,
        Version 1.171.36.20 (release 27-06-2012 CrysAlis171 .NET)
        (compiled Jul 11 2012,15:38:31)
;
_computing_data_reduction
;
        CrysAlisPro, Agilent Technologies,
        Version 1.171.36.20 (release 27-06-2012 CrysAlis171 .NET)
        (compiled Jul 11 2012,15:38:31)
;
_computing_structure_solution           'SIR2002 (Burla et al., 2003)'
_computing_structure_refinement         'SHELXL-97 (Sheldrick, 2008)'

#------------------------------------------------------------------------------#
```

```
#                   STRUCTURE SOLUTION
#------------------------------------------------------------------------------#

_atom_sites_solution_primary            direct
_atom_sites_solution_secondary          difmap
_atom_sites_solution_hydrogens          geom

#------------------------------------------------------------------------------#
#                   REFINEMENT INFORMATION                                     #
#------------------------------------------------------------------------------#

_refine_special_details
;
 Refinement of F^2^ against ALL reflections.  The weighted R-factor wR and
 goodness of fit S are based on F^2^, conventional R-factors R are based
 on F, with F set to zero for negative F^2^. The threshold expression of
 F^2^ > 2\s(F^2^) is used only for calculating R-factors(gt) etc. and is
 not relevant to the choice of reflections for refinement.  R-factors based
 on F^2^ are statistically about twice as large as those based on F, and R-
 factors based on ALL data will be even larger.
;
_refine_ls_structure_factor_coef        Fsqd
_refine_ls_matrix_type                  full
_refine_ls_weighting_scheme             calc
_refine_ls_weighting_details
         'calc w=1/[\s^2^(Fo^2^)+(0.1673P)^2^+0.2782P] where P=(Fo^2^+2Fc^2^)/3'
_refine_ls_hydrogen_treatment           mixed
_refine_ls_extinction_method            none
_refine_ls_number_reflns                1221
_refine_ls_number_parameters            150
_refine_ls_number_restraints            6
_refine_ls_R_factor_all                 0.0541
_refine_ls_R_factor_gt                  0.0524
_refine_ls_wR_factor_ref                0.1582
_refine_ls_wR_factor_gt                 0.154
_refine_ls_goodness_of_fit_ref          1.07
_refine_ls_restrained_S_all             1.069
_refine_ls_shift/su_max                 0
_refine_ls_shift/su_mean                0
_refine_ls_abs_structure_details
                                  'Flack H D (1983), Acta Cryst. A39, 876-881'
_refine_ls_abs_structure_Flack          0.7(4)
_refine_diff_density_max                0.454
_refine_diff_density_min                -0.526
_refine_diff_density_rms                0.093

#------------------------------------------------------------------------------#
#                   ATOMIC TYPES, COORDINATES AND THERMAL PARAMETERS           #
#------------------------------------------------------------------------------#

loop_
    _atom_type_symbol
    _atom_type_description
    _atom_type_scat_dispersion_real
    _atom_type_scat_dispersion_imag
    _atom_type_scat_source
C C 0.0181 0.0091 'International Tables Vol C Tables 4.2.6.8 and 6.1.1.4'
H H 0 0 'International Tables Vol C Tables 4.2.6.8 and 6.1.1.4'
N N 0.0311 0.018 'International Tables Vol C Tables 4.2.6.8 and 6.1.1.4'
O O 0.0492 0.0322 'International Tables Vol C Tables 4.2.6.8 and 6.1.1.4'

loop_
    _atom_site_label
    _atom_site_type_symbol
```

```
    _atom_site_fract_x
    _atom_site_fract_y
    _atom_site_fract_z
    _atom_site_U_iso_or_equiv
    _atom_site_adp_type
    _atom_site_occupancy
    _atom_site_symmetry_multiplicity
    _atom_site_calc_flag
    _atom_site_refinement_flags
    _atom_site_disorder_assembly
    _atom_site_disorder_group
O1 O 0.5135(6) 0.17149(15) 0.5050(2) 0.0351(8) Uani 1 1 d . . .
O2 O 0.4725(7) 0.32503(15) 0.4818(3) 0.0377(8) Uani 1 1 d . . .
O3 O -0.2784(7) 0.04966(17) 0.2538(3) 0.0417(8) Uani 1 1 d . . .
N1 N -0.2942(7) 0.29530(19) 0.2244(3) 0.0308(8) Uani 1 1 d D . .
H1 H -0.274(12) 0.3454(15) 0.211(4) 0.037 Uiso 1 1 d D . .
C10 C 0.4427(13) 0.4112(3) 0.4771(4) 0.0492(13) Uani 1 1 d . . .
H10A H 0.4658 0.4299 0.4077 0.074 Uiso 1 1 calc R . .
H10B H 0.5875 0.4364 0.525 0.074 Uiso 1 1 calc R . .
H10C H 0.2545 0.4265 0.4955 0.074 Uiso 1 1 calc R . .
C9 C 0.2905(9) 0.2813(3) 0.4236(3) 0.0300(9) Uani 1 1 d . . .
C7 C -0.0964(8) 0.2614(2) 0.2937(3) 0.0296(9) Uani 1 1 d . . .
C6 C -0.4773(9) 0.2502(3) 0.1662(3) 0.0314(9) Uani 1 1 d . . .
H6 H -0.6098 0.2763 0.1183 0.038 Uiso 1 1 calc R . .
C5 C -0.4807(9) 0.1673(3) 0.1732(4) 0.0351(10) Uani 1 1 d . . .
H5 H -0.615 0.137 0.1307 0.042 Uiso 1 1 calc R . .
C3 C -0.0847(8) 0.1775(2) 0.3053(3) 0.0298(10) Uani 1 1 d . . .
C1 C 0.3127(8) 0.1954(3) 0.4365(3) 0.0315(10) Uani 1 1 d . . .
C4 C -0.2830(8) 0.1264(2) 0.2441(4) 0.0334(10) Uani 1 1 d . . .
C2 C 0.1263(9) 0.1461(2) 0.3785(3) 0.0336(10) Uani 1 1 d . . .
H2 H 0.1394 0.0891 0.3877 0.04 Uiso 1 1 calc R . .
C11 C 0.5586(11) 0.0860(2) 0.5137(4) 0.0437(11) Uani 1 1 d . . .
H11A H 0.3924 0.0604 0.5389 0.065 Uiso 1 1 calc R . .
H11B H 0.7255 0.0754 0.5615 0.065 Uiso 1 1 calc R . .
H11C H 0.5887 0.0636 0.4466 0.065 Uiso 1 1 calc R . .
C8 C 0.0896(10) 0.3135(2) 0.3536(4) 0.0354(10) Uani 1 1 d . . .
H8 H 0.0749 0.3706 0.3452 0.042 Uiso 1 1 calc R . .
O4 O 0.7055(7) 0.46611(17) 0.2208(3) 0.0449(9) Uani 1 1 d D . .
H41 H 0.5693 0.4907 0.2464 0.067 Uiso 1 1 d RD . .
H42 H 0.8531 0.4959 0.2272 0.067 Uiso 1 1 d RD . .

loop_
    _atom_site_aniso_label
    _atom_site_aniso_U_11
    _atom_site_aniso_U_22
    _atom_site_aniso_U_33
    _atom_site_aniso_U_23
    _atom_site_aniso_U_13
    _atom_site_aniso_U_12
O1 0.0423(17) 0.0214(14) 0.0406(16) -0.0005(11) -0.0012(14) 0.0034(11)
O2 0.0461(18) 0.0222(14) 0.0437(17) -0.0049(11) -0.0008(15) -0.0038(11)
O3 0.0338(14) 0.0289(13) 0.061(2) -0.0069(14) -0.0008(13) -0.0015(12)
N1 0.0272(15) 0.0317(15) 0.0333(17) 0.0047(14) 0.0027(13) 0.0028(14)
C10 0.072(3) 0.0182(19) 0.055(3) -0.0012(18) -0.006(3) -0.0014(18)
C9 0.0288(18) 0.0291(18) 0.032(2) -0.0022(17) 0.0003(16) 0.0009(16)
C7 0.0228(17) 0.036(2) 0.0301(19) 0.0040(18) 0.0031(15) 0.0018(16)
C6 0.0265(19) 0.040(2) 0.0275(19) 0.0014(17) -0.0001(15) 0.0021(16)
C5 0.030(2) 0.036(2) 0.039(2) -0.0105(19) 0.0013(17) -0.0059(17)
C3 0.0194(17) 0.038(2) 0.032(2) 0.0030(17) 0.0017(16) 0.0024(16)
C1 0.024(2) 0.035(2) 0.035(2) -0.0072(18) 0.0008(17) 0.0002(16)
C4 0.0228(17) 0.0320(19) 0.046(3) -0.0051(17) 0.0051(18) 0.0015(16)
C2 0.0327(19) 0.0284(18) 0.039(2) -0.0024(17) 0.0020(18) 0.0035(17)
C11 0.054(3) 0.0211(18) 0.054(3) 0.0069(18) -0.005(2) 0.0041(17)
C8 0.034(2) 0.0278(18) 0.045(3) -0.0004(17) 0.0046(19) 0.0018(16)
```

```
O4 0.0363(16) 0.0292(12) 0.069(2) -0.0049(13) 0.0055(15) 0.0004(12)


#------------------------------------------------------------------------------#
#                    MOLECULAR GEOMETRY                                        #
#------------------------------------------------------------------------------#

_geom_special_details
;
 All s.u.'s (except the s.u. in the dihedral angle between two l.s. planes)
 are estimated using the full covariance matrix.  The cell s.u.'s are taken
 into account individually in the estimation of s.u.'s in distances, angles
 and torsion angles; correlations between s.u.'s in cell parameters are only
 used when they are defined by crystal symmetry.  An approximate (isotropic)
 treatment of cell s.u.'s is used for estimating s.u.'s involving l.s. planes.
;
loop_
    _geom_bond_atom_site_label_1
    _geom_bond_atom_site_label_2
    _geom_bond_distance
    _geom_bond_site_symmetry_2
    _geom_bond_publ_flag
O1 C1 1.309(6) . ?
O1 C11 1.430(5) . ?
O2 C9 1.315(5) . ?
O2 C10 1.431(5) . ?
O3 C4 1.273(5) . ?
N1 C6 1.331(6) . ?
N1 C7 1.366(5) . ?
N1 H1 0.85(2) . ?
C10 H10A 0.98 . ?
C10 H10B 0.98 . ?
C10 H10C 0.98 . ?
C9 C8 1.370(7) . ?
C9 C1 1.431(6) . ?
C7 C3 1.392(5) . ?
C7 C8 1.418(6) . ?
C6 C5 1.371(6) . ?
C6 H6 0.95 . ?
C5 C4 1.430(6) . ?
C5 H5 0.95 . ?
C3 C2 1.421(6) . ?
C3 C4 1.451(6) . ?
C1 C2 1.378(6) . ?
C2 H2 0.95 . ?
C11 H11A 0.98 . ?
C11 H11B 0.98 . ?
C11 H11C 0.98 . ?
C8 H8 0.95 . ?
O4 H41 0.8588 . ?
O4 H42 0.8538 . ?

loop_
    _geom_angle_atom_site_label_1
    _geom_angle_atom_site_label_2
    _geom_angle_atom_site_label_3
    _geom_angle
    _geom_angle_site_symmetry_1
    _geom_angle_site_symmetry_3
    _geom_angle_publ_flag
C1 O1 C11 116.5(3) . . ?
C9 O2 C10 117.6(4) . . ?
C6 N1 C7 121.7(3) . . ?
C6 N1 H1 120(4) . . ?
```

```
C7 N1 H1 117(4) . . ?
O2 C10 H10A 109.5 . . ?
O2 C10 H10B 109.5 . . ?
H10A C10 H10B 109.5 . . ?
O2 C10 H10C 109.5 . . ?
H10A C10 H10C 109.5 . . ?
H10B C10 H10C 109.5 . . ?
O2 C9 C8 123.8(4) . . ?
O2 C9 C1 115.9(4) . . ?
C8 C9 C1 120.2(4) . . ?
N1 C7 C3 119.9(4) . . ?
N1 C7 C8 118.3(4) . . ?
C3 C7 C8 121.8(4) . . ?
N1 C6 C5 122.0(4) . . ?
N1 C6 H6 119 . . ?
C5 C6 H6 119 . . ?
C6 C5 C4 120.3(4) . . ?
C6 C5 H5 119.9 . . ?
C4 C5 H5 119.9 . . ?
C7 C3 C2 117.1(4) . . ?
C7 C3 C4 120.0(4) . . ?
C2 C3 C4 122.9(3) . . ?
O1 C1 C2 126.3(4) . . ?
O1 C1 C9 114.9(3) . . ?
C2 C1 C9 118.9(4) . . ?
O3 C4 C5 122.7(4) . . ?
O3 C4 C3 121.3(4) . . ?
C5 C4 C3 116.1(3) . . ?
C1 C2 C3 122.4(3) . . ?
C1 C2 H2 118.8 . . ?
C3 C2 H2 118.8 . . ?
O1 C11 H11A 109.5 . . ?
O1 C11 H11B 109.5 . . ?
H11A C11 H11B 109.5 . . ?
O1 C11 H11C 109.5 . . ?
H11A C11 H11C 109.5 . . ?
H11B C11 H11C 109.5 . . ?
C9 C8 C7 119.7(4) . . ?
C9 C8 H8 120.1 . . ?
C7 C8 H8 120.1 . . ?
H41 O4 H42 109.3 . . ?

loop_
    _geom_torsion_atom_site_label_1
    _geom_torsion_atom_site_label_2
    _geom_torsion_atom_site_label_3
    _geom_torsion_atom_site_label_4
    _geom_torsion
    _geom_torsion_site_symmetry_1
    _geom_torsion_site_symmetry_2
    _geom_torsion_site_symmetry_3
    _geom_torsion_site_symmetry_4
    _geom_torsion_publ_flag
C10 O2 C9 C8 5.3(7) . . . . ?
C10 O2 C9 C1 -175.1(4) . . . . ?
C6 N1 C7 C3 -0.5(6) . . . . ?
C6 N1 C7 C8 -179.4(4) . . . . ?
C7 N1 C6 C5 0.8(7) . . . . ?
N1 C6 C5 C4 -0.3(7) . . . . ?
N1 C7 C3 C2 179.8(4) . . . . ?
C8 C7 C3 C2 -1.3(5) . . . . ?
N1 C7 C3 C4 -0.3(5) . . . . ?
C8 C7 C3 C4 178.6(4) . . . . ?
C11 O1 C1 C2 5.9(6) . . . . ?
```

```
C11 O1 C1 C9 -174.7(3) . . . . ?
O2 C9 C1 O1 -0.1(5) . . . . ?
C8 C9 C1 O1 179.5(4) . . . . ?
O2 C9 C1 C2 179.4(3) . . . . ?
C8 C9 C1 C2 -1.0(6) . . . . ?
C6 C5 C4 O3 179.7(4) . . . . ?
C6 C5 C4 C3 -0.4(6) . . . . ?
C7 C3 C4 O3 -179.4(4) . . . . ?
C2 C3 C4 O3 0.5(6) . . . . ?
C7 C3 C4 C5 0.7(6) . . . . ?
C2 C3 C4 C5 -179.4(4) . . . . ?
O1 C1 C2 C3 -179.7(4) . . . . ?
C9 C1 C2 C3 0.9(6) . . . . ?
C7 C3 C2 C1 0.2(6) . . . . ?
C4 C3 C2 C1 -179.7(4) . . . . ?
O2 C9 C8 C7 179.6(4) . . . . ?
C1 C9 C8 C7 -0.1(6) . . . . ?
N1 C7 C8 C9 -179.9(4) . . . . ?
C3 C7 C8 C9 1.2(6) . . . . ?

loop_
    _geom_hbond_atom_site_label_D
    _geom_hbond_atom_site_label_H
    _geom_hbond_atom_site_label_A
    _geom_hbond_distance_DH
    _geom_hbond_distance_HA
    _geom_hbond_distance_DA
    _geom_hbond_angle_DHA
    _geom_hbond_site_symmetry_A
O4 H41 O3 0.86 1.93 2.749(4) 160 3
O4 H42 O3 0.85 1.96 2.809(4) 170.8 3_655
N1 H1 O4 0.85(2) 2.00(3) 2.819(4) 161(5) 1_455

# END of CIF
```

```
#\#CIF_1.1

#  CIF produced by WinGX routine CIF_UPDATE
#  Created on 2013-07-29 at 13:18:49
#  Using CIFtbx version 2.6.2 16 Jun 1998

#  Dictionary name : cif_core.dic
#  Dictionary vers : 2.4
#  Request file    : c:\wingx\files\archive.reqdat
#  CIF files read  : gl576_1 gl576_1_od

#------------------ SECTION 1. GLOBAL INFORMATION --------------------------#

data_global

#------------------ AUDIT DETAILS ------------------------------------------#

_audit_creation_date            2013-07-29
_audit_creation_method          'WinGX routine CIF_UPDATE'
_audit_conform_dict_name        cif_core.dic
_audit_conform_dict_version     2.4
_audit_conform_dict_location    ftp://ftp.iucr.org/pub/cif_core.dic
_audit_update_record            ?

#------------------ AUTHOR DETAILS -----------------------------------------#


#------------------  SECTION 2. COMPOUND(S) DETAILS ------------------------#

data_gl576_1

_audit_creation_date                    2013-07-29T13:18:49-00:00
_audit_creation_method                  'WinGX routine CIF_UPDATE'
_audit_author_name                'V. Kahlenberg'
_audit_contact_author             'V. Kahlenberg'
_audit_contact_author_address
;
  Institut f\"ur Mineralogie und Petrographie
  Leopold-Franzens-Universit\"at Innsbruck
  Innrain 52
  A-6020 Innsbruck
  Austria
;
_audit_contact_author_email Volker.Kahlenberg@uibk.ac.at
_audit_contact_author_fax '+43 512 507 2926'
_audit_contact_author_phone '+43 512 507 5503'


_audit_conform_dict_name                cif_core.dic
_audit_conform_dict_version             2.4
_audit_conform_dict_location            ftp://ftp.iucr.org/pub/cif_core.dic
_publ_requested_category                FO

#------------------------------------------------------------------------------#
#                   CHEMICAL INFORMATION                                       #
#------------------------------------------------------------------------------#

_chemical_name_systematic
;
 ?
;
_chemical_formula_sum                   'C12 H12 F N O3'
_chemical_formula_moiety                'C12 H12 F N O3'
_chemical_formula_weight                237.23
```

```
#------------------------------------------------------------------------------#
#                   UNIT CELL INFORMATION                                      #
#------------------------------------------------------------------------------#

_symmetry_cell_setting                  orthorhombic
_symmetry_space_group_name_H-M          'P n m a'
_symmetry_space_group_name_Hall         '-P 2ac 2n'

loop_
    _symmetry_equiv_pos_as_xyz
'x, y, z'
'-x+1/2, -y, z+1/2'
'x+1/2, -y+1/2, -z+1/2'
'-x, y+1/2, -z'
'-x, -y, -z'
'x-1/2, y, -z-1/2'
'-x-1/2, y-1/2, z-1/2'
'x, -y-1/2, z'

_cell_length_a                          13.0264(6)
_cell_length_b                          6.9982(5)
_cell_length_c                          12.1392(6)
_cell_angle_alpha                       90
_cell_angle_beta                        90
_cell_angle_gamma                       90
_cell_volume                            1106.63(11)
_cell_formula_units_Z                   4
_cell_measurement_temperature           173(2)
_cell_measurement_reflns_used           1224
_cell_measurement_theta_min             3.3899
_cell_measurement_theta_max             67.3217

#------------------------------------------------------------------------------#
#                   CRYSTAL INFORMATION                                        #
#------------------------------------------------------------------------------#

_exptl_crystal_description              'platy fragment'
_exptl_crystal_colour                   colourless
_exptl_crystal_size_max                 0.4
_exptl_crystal_size_mid                 0.32
_exptl_crystal_size_min                 0.16
_exptl_crystal_density_diffrn           1.424
_exptl_crystal_density_method           'not measured'
_exptl_crystal_F_000                    496
_exptl_special_details
;
 ?
;

#------------------------------------------------------------------------------#
#                   ABSORPTION CORRECTION                                      #
#------------------------------------------------------------------------------#

_exptl_absorpt_coefficient_mu           0.965
_exptl_absorpt_correction_type          multi-scan
_exptl_absorpt_process_details
;
        CrysAlisPro, Agilent Technologies,
        Version 1.171.36.20 (release 27-06-2012 CrysAlis171 .NET)
        (compiled Jul 11 2012,15:38:31)
        Empirical absorption correction using spherical harmonics,
 implemented in SCALE3 ABSPACK scaling algorithm.
;
```

```
_exptl_absorpt_correction_T_min         0.72469
_exptl_absorpt_correction_T_max         1

#-----------------------------------------------------------------------------#
#                   DATA COLLECTION                                           #
#-----------------------------------------------------------------------------#

_diffrn_ambient_temperature             173(2)
_diffrn_radiation_wavelength            1.5418
_diffrn_radiation_type                  CuK\a
_diffrn_radiation_monochromator         mirror
_diffrn_detector_area_resol_mean        10.3575
_diffrn_orient_matrix_ub_11             0.0282368
_diffrn_orient_matrix_ub_12             -0.0032562
_diffrn_orient_matrix_ub_13             -0.1230591
_diffrn_orient_matrix_ub_21             0.0035884
_diffrn_orient_matrix_ub_22             -0.2199795
_diffrn_orient_matrix_ub_23             0.002761
_diffrn_orient_matrix_ub_31             -0.1148223
_diffrn_orient_matrix_ub_32             -0.0079857
_diffrn_orient_matrix_ub_33             -0.0307244
_diffrn_measurement_device_type         'Xcalibur, Ruby, Gemini ultra'
_diffrn_measurement_method              '\w scans'
_diffrn_reflns_av_R_equivalents         0.0256
_diffrn_reflns_av_unetI/netI            0.0197
_diffrn_reflns_number                   3313
_diffrn_reflns_limit_h_min              -15
_diffrn_reflns_limit_h_max              10
_diffrn_reflns_limit_k_min              -8
_diffrn_reflns_limit_k_max              5
_diffrn_reflns_limit_l_min              -14
_diffrn_reflns_limit_l_max              13
_diffrn_reflns_theta_min                4.98
_diffrn_reflns_theta_max                67.43
_diffrn_reflns_theta_full               67.43
_diffrn_measured_fraction_theta_full
                                        0.99
_diffrn_measured_fraction_theta_max
                                        0.99
_reflns_number_total                    1077
_reflns_number_gt                       903
_reflns_threshold_expression            >2\s(I)

#-----------------------------------------------------------------------------#
#                   COMPUTER PROGRAMS USED                                    #
#-----------------------------------------------------------------------------#

_computing_data_collection
;
        CrysAlisPro, Agilent Technologies,
        Version 1.171.36.20 (release 27-06-2012 CrysAlis171 .NET)
        (compiled Jul 11 2012,15:38:31)
;
_computing_cell_refinement
;
        CrysAlisPro, Agilent Technologies,
        Version 1.171.36.20 (release 27-06-2012 CrysAlis171 .NET)
        (compiled Jul 11 2012,15:38:31)
;
_computing_data_reduction
;
        CrysAlisPro, Agilent Technologies,
        Version 1.171.36.20 (release 27-06-2012 CrysAlis171 .NET)
        (compiled Jul 11 2012,15:38:31)
```

```
;
_computing_structure_solution          'SIR2002 (Burla et al., 2003)'
_computing_structure_refinement        'SHELXL-97 (Sheldrick, 2008)'

#------------------------------------------------------------------------------#
#                   STRUCTURE SOLUTION
#------------------------------------------------------------------------------#

_atom_sites_solution_primary           direct
_atom_sites_solution_secondary         difmap
_atom_sites_solution_hydrogens         geom

#------------------------------------------------------------------------------#
#                   REFINEMENT INFORMATION                                     #
#------------------------------------------------------------------------------#

_refine_special_details
;
 Refinement of F^2^ against ALL reflections.  The weighted R-factor wR and
 goodness of fit S are based on F^2^, conventional R-factors R are based
 on F, with F set to zero for negative F^2^. The threshold expression of
 F^2^ > 2\s(F^2^) is used only for calculating R-factors(gt) etc. and is
 not relevant to the choice of reflections for refinement.  R-factors based
 on F^2^ are statistically about twice as large as those based on F, and R-
 factors based on ALL data will be even larger.
;
_refine_ls_structure_factor_coef       Fsqd
_refine_ls_matrix_type                 full
_refine_ls_weighting_scheme            calc
_refine_ls_weighting_details
         'calc w=1/[\s^2^(Fo^2^)+(0.0654P)^2^+0.1085P] where P=(Fo^2^+2Fc^2^)/3'
_refine_ls_hydrogen_treatment          mixed
_refine_ls_extinction_method           none
_refine_ls_number_reflns               1077
_refine_ls_number_parameters           107
_refine_ls_number_restraints           4
_refine_ls_R_factor_all                0.0426
_refine_ls_R_factor_gt                 0.0356
_refine_ls_wR_factor_ref               0.108
_refine_ls_wR_factor_gt                0.1019
_refine_ls_goodness_of_fit_ref         1.061
_refine_ls_restrained_S_all            1.059
_refine_ls_shift/su_max                0
_refine_ls_shift/su_mean               0
_refine_diff_density_max               0.185
_refine_diff_density_min               -0.177
_refine_diff_density_rms               0.036

#------------------------------------------------------------------------------#
#                   ATOMIC TYPES, COORDINATES AND THERMAL PARAMETERS           #
#------------------------------------------------------------------------------#

loop_
    _atom_type_symbol
    _atom_type_description
    _atom_type_scat_dispersion_real
    _atom_type_scat_dispersion_imag
    _atom_type_scat_source
C C 0.0181 0.0091 'International Tables Vol C Tables 4.2.6.8 and 6.1.1.4'
H H 0 0 'International Tables Vol C Tables 4.2.6.8 and 6.1.1.4'
N N 0.0311 0.018 'International Tables Vol C Tables 4.2.6.8 and 6.1.1.4'
O O 0.0492 0.0322 'International Tables Vol C Tables 4.2.6.8 and 6.1.1.4'
F F 0.0727 0.0534 'International Tables Vol C Tables 4.2.6.8 and 6.1.1.4'
```

```
loop_
    _atom_site_label
    _atom_site_type_symbol
    _atom_site_fract_x
    _atom_site_fract_y
    _atom_site_fract_z
    _atom_site_U_iso_or_equiv
    _atom_site_adp_type
    _atom_site_occupancy
    _atom_site_symmetry_multiplicity
    _atom_site_calc_flag
    _atom_site_refinement_flags
    _atom_site_disorder_assembly
    _atom_site_disorder_group
F1 F 0.44603(10) 0.25 -0.11234(9) 0.0579(4) Uani 1 2 d S . .
O2 O 0.60000(9) 0.25 0.50245(11) 0.0447(4) Uani 1 2 d S . .
O3 O 0.29204(10) 0.25 0.39722(11) 0.0545(5) Uani 1 2 d S . .
O1 O 0.54330(10) 0.25 0.67486(11) 0.0479(4) Uani 1 2 d S . .
N1 N 0.45845(11) 0.25 0.34212(13) 0.0358(4) Uani 1 2 d SD . .
H1 H 0.5196(13) 0.25 0.3678(17) 0.043 Uiso 1 2 d SD . .
C11 C 0.35694(14) 0.25 0.16956(16) 0.0391(5) Uani 1 2 d S . .
H11 H 0.2941 0.25 0.2093 0.047 Uiso 1 2 calc SR . .
C15 C 0.54138(14) 0.25 0.16649(16) 0.0377(5) Uani 1 2 d S . .
H15 H 0.605 0.25 0.2048 0.045 Uiso 1 2 calc SR . .
C2 C 0.34546(10) 0.3553(2) 0.61550(11) 0.0410(4) Uani 1 1 d . . .
H2A H 0.376 0.4209 0.6799 0.049 Uiso 1 1 calc R . .
H2B H 0.2854 0.4209 0.5828 0.049 Uiso 1 1 calc R . .
C12 C 0.35622(15) 0.25 0.05493(16) 0.0416(5) Uani 1 2 d S . .
H12 H 0.2931 0.25 0.0156 0.05 Uiso 1 2 calc SR . .
C1 C 0.41843(14) 0.25 0.53719(14) 0.0338(4) Uani 1 2 d S . .
C10 C 0.45007(13) 0.25 0.22575(15) 0.0340(4) Uani 1 2 d S . .
C14 C 0.54102(15) 0.25 0.05260(16) 0.0424(5) Uani 1 2 d S . .
H14 H 0.6034 0.25 0.0121 0.051 Uiso 1 2 calc SR . .
C3 C 0.52947(14) 0.25 0.56715(15) 0.0328(4) Uani 1 2 d S . .
C13 C 0.44788(15) 0.25 -0.00040(16) 0.0411(5) Uani 1 2 d S . .
C6 C 0.38376(14) 0.25 0.41861(15) 0.0362(4) Uani 1 2 d S . .
C5 C 0.64857(16) 0.25 0.71298(17) 0.0504(6) Uani 1 2 d SD . .
H5B H 0.6833(13) 0.3664(14) 0.6881(8) 0.076 Uiso 1 1 d D . .
H5A H 0.6444(17) 0.25 0.7936(2) 0.076 Uiso 1 2 d SD . .

loop_
    _atom_site_aniso_label
    _atom_site_aniso_U_11
    _atom_site_aniso_U_22
    _atom_site_aniso_U_33
    _atom_site_aniso_U_23
    _atom_site_aniso_U_13
    _atom_site_aniso_U_12
F1 0.0626(9) 0.0836(10) 0.0274(6) 0 0.0003(5) 0
O2 0.0318(7) 0.0692(10) 0.0329(7) 0 0.0010(6) 0
O3 0.0283(7) 0.0985(13) 0.0368(8) 0 -0.0002(6) 0
O1 0.0377(7) 0.0773(11) 0.0287(7) 0 -0.0031(5) 0
N1 0.0267(7) 0.0527(10) 0.0281(8) 0 0.0001(6) 0
C11 0.0318(9) 0.0514(12) 0.0342(10) 0 -0.0002(7) 0
C15 0.0323(9) 0.0465(11) 0.0344(10) 0 -0.0002(7) 0
C2 0.0378(7) 0.0488(9) 0.0364(7) -0.0033(6) 0.0074(5) 0.0056(6)
C12 0.0371(10) 0.0525(12) 0.0352(10) 0 -0.0069(8) 0
C1 0.0314(9) 0.0408(10) 0.0290(9) 0 0.0041(7) 0
C10 0.0339(9) 0.0376(10) 0.0305(10) 0 -0.0006(7) 0
C14 0.0382(10) 0.0538(12) 0.0352(10) 0 0.0059(8) 0
C3 0.0343(9) 0.0347(9) 0.0293(9) 0 -0.0010(7) 0
C13 0.0502(11) 0.0455(11) 0.0275(9) 0 -0.0004(8) 0
C6 0.0314(9) 0.0445(10) 0.0327(9) 0 0.0016(8) 0
C5 0.0416(11) 0.0745(15) 0.0352(10) 0 -0.0104(9) 0
```

```
#------------------------------------------------------------------------------#
#                    MOLECULAR GEOMETRY                                        #
#------------------------------------------------------------------------------#

_geom_special_details
;
 All s.u.'s (except the s.u. in the dihedral angle between two l.s. planes)
 are estimated using the full covariance matrix.  The cell s.u.'s are taken
 into account individually in the estimation of s.u.'s in distances, angles
 and torsion angles; correlations between s.u.'s in cell parameters are only
 used when they are defined by crystal symmetry.  An approximate (isotropic)
 treatment of cell s.u.'s is used for estimating s.u.'s involving l.s. planes.
;
loop_
    _geom_bond_atom_site_label_1
    _geom_bond_atom_site_label_2
    _geom_bond_distance
    _geom_bond_site_symmetry_2
    _geom_bond_publ_flag
F1 C13 1.359(2) . ?
O2 C3 1.209(2) . ?
O3 C6 1.223(2) . ?
O1 C3 1.320(2) . ?
O1 C5 1.447(2) . ?
N1 C6 1.345(2) . ?
N1 C10 1.417(2) . ?
N1 H1 0.855(16) . ?
C11 C12 1.392(3) . ?
C11 C10 1.392(3) . ?
C11 H11 0.95 . ?
C15 C14 1.383(3) . ?
C15 C10 1.390(3) . ?
C15 H15 0.95 . ?
C2 C2 1.473(3) 8_565 ?
C2 C1 1.5329(19) . ?
C2 H2A 0.99 . ?
C2 H2B 0.99 . ?
C12 C13 1.370(3) . ?
C12 H12 0.95 . ?
C1 C3 1.491(2) . ?
C1 C6 1.509(3) . ?
C1 C2 1.5329(19) 8_565 ?
C14 C13 1.373(3) . ?
C14 H14 0.95 . ?
C5 H5B 0.9799(11) . ?
C5 H5A 0.9799(10) . ?

loop_
    _geom_angle_atom_site_label_1
    _geom_angle_atom_site_label_2
    _geom_angle_atom_site_label_3
    _geom_angle
    _geom_angle_site_symmetry_1
    _geom_angle_site_symmetry_3
    _geom_angle_publ_flag
C3 O1 C5 116.49(15) . . ?
C6 N1 C10 129.24(16) . . ?
C6 N1 H1 115.0(15) . . ?
C10 N1 H1 115.8(15) . . ?
C12 C11 C10 119.74(17) . . ?
C12 C11 H11 120.1 . . ?
C10 C11 H11 120.1 . . ?
```

```
C14 C15 C10 120.97(17) . . ?
C14 C15 H15 119.5 . . ?
C10 C15 H15 119.5 . . ?
C2 C2 C1 61.28(6) 8_565 . ?
C2 C2 H2A 117.6 8_565 . ?
C1 C2 H2A 117.6 . . ?
C2 C2 H2B 117.6 8_565 . ?
C1 C2 H2B 117.6 . . ?
H2A C2 H2B 114.7 . . ?
C13 C12 C11 118.97(18) . . ?
C13 C12 H12 120.5 . . ?
C11 C12 H12 120.5 . . ?
C3 C1 C6 121.53(15) . . ?
C3 C1 C2 116.75(13) . 8_565 ?
C6 C1 C2 113.96(13) . 8_565 ?
C3 C1 C2 116.75(13) . . ?
C6 C1 C2 113.96(13) . . ?
C2 C1 C2 57.44(13) 8_565 . ?
C15 C10 C11 119.49(16) . . ?
C15 C10 N1 116.74(16) . . ?
C11 C10 N1 123.77(16) . . ?
C13 C14 C15 118.13(18) . . ?
C13 C14 H14 120.9 . . ?
C15 C14 H14 120.9 . . ?
O2 C3 O1 122.68(16) . . ?
O2 C3 C1 125.37(16) . . ?
O1 C3 C1 111.96(15) . . ?
F1 C13 C12 118.34(17) . . ?
F1 C13 C14 118.95(17) . . ?
C12 C13 C14 122.70(18) . . ?
O3 C6 N1 124.07(17) . . ?
O3 C6 C1 119.68(16) . . ?
N1 C6 C1 116.25(16) . . ?
O1 C5 H5B 109.8(10) . . ?
O1 C5 H5A 105.5(13) . . ?
H5B C5 H5A 109.47(16) . . ?

loop_
    _geom_torsion_atom_site_label_1
    _geom_torsion_atom_site_label_2
    _geom_torsion_atom_site_label_3
    _geom_torsion_atom_site_label_4
    _geom_torsion
    _geom_torsion_site_symmetry_1
    _geom_torsion_site_symmetry_2
    _geom_torsion_site_symmetry_3
    _geom_torsion_site_symmetry_4
    _geom_torsion_publ_flag
C10 C11 C12 C13 0 . . . . ?
C2 C2 C1 C3 -106.03(10) 8_565 . . . ?
C2 C2 C1 C6 104.09(10) 8_565 . . . ?
C14 C15 C10 C11 0 . . . . ?
C14 C15 C10 N1 180 . . . . ?
C12 C11 C10 C15 0 . . . . ?
C12 C11 C10 N1 180 . . . . ?
C6 N1 C10 C15 180 . . . . ?
C6 N1 C10 C11 0 . . . . ?
C10 C15 C14 C13 0 . . . . ?
C5 O1 C3 O2 0 . . . . ?
C5 O1 C3 C1 180 . . . . ?
C6 C1 C3 O2 0 . . . . ?
C2 C1 C3 O2 147.45(8) 8_565 . . . ?
C2 C1 C3 O2 -147.45(8) . . . . ?
C6 C1 C3 O1 180 . . . . ?
```

```
C2 C1 C3 O1 -32.55(8) 8_565 . . . ?
C2 C1 C3 O1 32.55(8) . . . . ?
C11 C12 C13 F1 180 . . . . ?
C11 C12 C13 C14 0 . . . . ?
C15 C14 C13 F1 180 . . . . ?
C15 C14 C13 C12 0 . . . . ?
C10 N1 C6 O3 0 . . . . ?
C10 N1 C6 C1 180 . . . . ?
C3 C1 C6 O3 180 . . . . ?
C2 C1 C6 O3 31.72(8) 8_565 . . . ?
C2 C1 C6 O3 -31.72(8) . . . . ?
C3 C1 C6 N1 0 . . . . ?
C2 C1 C6 N1 -148.28(8) 8_565 . . . ?
C2 C1 C6 N1 148.28(8) . . . . ?

loop_
    _geom_hbond_atom_site_label_D
    _geom_hbond_atom_site_label_H
    _geom_hbond_atom_site_label_A
    _geom_hbond_distance_DH
    _geom_hbond_distance_HA
    _geom_hbond_distance_DA
    _geom_hbond_angle_DHA
    _geom_hbond_site_symmetry_A
N1 H1 O2 0.855(16) 1.942(18) 2.6811(19) 144(2) .

# END of CIF
```

```
#\#CIF_1.1

#  CIF produced by WinGX routine CIF_UPDATE
#  Created on 2014-01-19 at 22:05:51
#  Using CIFtbx version 2.6.2 16 Jun 1998

#  Dictionary name : cif_core.dic
#  Dictionary vers : 2.4
#  Request file    : c:\wingx\files\archive.reqdat
#  CIF files read  : gl579_1 gl579_1_od

#------------------ SECTION 1. GLOBAL INFORMATION --------------------------#

data_global

#------------------ AUDIT DETAILS ------------------------------------------#

_audit_creation_date            2014-01-19
_audit_creation_method          'WinGX routine CIF_UPDATE'
_audit_contact_author            'V. Kahlenberg'
_audit_contact_author_address
;
  Institut f\"ur Mineralogie und Petrographie
  Leopold-Franzens-Universit\"at Innsbruck
  Innrain 52
  A-6020 Innsbruck
  Austria
;
_audit_contact_author_email Volker.Kahlenberg@uibk.ac.at
_audit_contact_author_phone '+43 512 507 5503'

_audit_conform_dict_name        cif_core.dic
_audit_conform_dict_version     2.4
_audit_conform_dict_location    ftp://ftp.iucr.org/pub/cif_core.dic
_audit_update_record            ?

#------------------ AUTHOR DETAILS -----------------------------------------#


#------------------  SECTION 2. COMPOUND(S) DETAILS ------------------------#

data_gl579_1

_audit_creation_date                    2014-01-19T22:05:51-00:00
_audit_creation_method                  'WinGX routine CIF_UPDATE'
_audit_conform_dict_name                cif_core.dic
_audit_conform_dict_version             2.4
_audit_conform_dict_location            ftp://ftp.iucr.org/pub/cif_core.dic
_publ_requested_category                FO

#------------------------------------------------------------------------------#
#                   CHEMICAL INFORMATION                                       #
#------------------------------------------------------------------------------#

_chemical_name_systematic
;
 ?
;
_chemical_formula_sum                   'C17 H14 F2 N2 O2'
_chemical_formula_moiety                'C17 H14 F2 N2 O2'
_chemical_formula_weight                316.3

#------------------------------------------------------------------------------#
#                   UNIT CELL INFORMATION                                      #
```

```
#------------------------------------------------------------------------------#

_symmetry_cell_setting                  triclinic
_symmetry_space_group_name_H-M          'P -1'
_symmetry_space_group_name_Hall         '-P 1'
loop_
    _symmetry_equiv_pos_as_xyz
'x, y, z'
'-x, -y, -z'

_cell_length_a                          8.6443(4)
_cell_length_b                          11.2465(5)
_cell_length_c                          15.7852(8)
_cell_angle_alpha                       100.013(4)
_cell_angle_beta                        94.434(4)
_cell_angle_gamma                       93.114(4)
_cell_volume                            1503.12(12)
_cell_formula_units_Z                   4
_cell_measurement_temperature           173(2)
_cell_measurement_reflns_used           4586
_cell_measurement_theta_min             2.8038
_cell_measurement_theta_max             28.8114

#------------------------------------------------------------------------------#
#                   CRYSTAL INFORMATION                                        #
#------------------------------------------------------------------------------#

_exptl_crystal_description              'prismatic fragment'
_exptl_crystal_colour                   colourless
_exptl_crystal_size_max                 0.52
_exptl_crystal_size_mid                 0.2
_exptl_crystal_size_min                 0.2
_exptl_crystal_density_diffrn           1.398
_exptl_crystal_density_method           'not measured'
_exptl_crystal_F_000                    656
_exptl_special_details
;
 ?
;

#------------------------------------------------------------------------------#
#                   ABSORPTION CORRECTION                                      #
#------------------------------------------------------------------------------#

_exptl_absorpt_coefficient_mu           0.109
_exptl_absorpt_correction_type          multi-scan
_exptl_absorpt_process_details
;
        CrysAlisPro, Agilent Technologies,
        Version 1.171.36.20 (release 27-06-2012 CrysAlis171 .NET)
        (compiled Jul 11 2012,15:38:31)
        Empirical absorption correction using spherical harmonics,
 implemented in SCALE3 ABSPACK scaling algorithm.
;
_exptl_absorpt_correction_T_min         0.91558
_exptl_absorpt_correction_T_max         1

#------------------------------------------------------------------------------#
#                   DATA COLLECTION                                            #
#------------------------------------------------------------------------------#

_diffrn_ambient_temperature            173(2)
_diffrn_radiation_wavelength            0.71073
_diffrn_radiation_type                  MoK\a
```

```
_diffrn_radiation_monochromator         graphite
_diffrn_detector_area_resol_mean        10.3575
_diffrn_orient_matrix_ub_11             0.0579333
_diffrn_orient_matrix_ub_12             0.0404344
_diffrn_orient_matrix_ub_13             0.0258365
_diffrn_orient_matrix_ub_21             -0.0560603
_diffrn_orient_matrix_ub_22             0.0431
_diffrn_orient_matrix_ub_23             0.0092966
_diffrn_orient_matrix_ub_31             -0.0175152
_diffrn_orient_matrix_ub_32             -0.0250742
_diffrn_orient_matrix_ub_33             0.0366664
_diffrn_measurement_device_type         'Xcalibur, Ruby, Gemini ultra'
_diffrn_measurement_method              '\w scans'
_diffrn_reflns_av_R_equivalents         0.0196
_diffrn_reflns_av_unetI/netI            0.0322
_diffrn_reflns_number                   9200
_diffrn_reflns_limit_h_min              -10
_diffrn_reflns_limit_h_max              10
_diffrn_reflns_limit_k_min              -12
_diffrn_reflns_limit_k_max              13
_diffrn_reflns_limit_l_min              -18
_diffrn_reflns_limit_l_max              19
_diffrn_reflns_theta_min                2.81
_diffrn_reflns_theta_max                25.35
_diffrn_reflns_theta_full               25.35
_diffrn_measured_fraction_theta_full
                                        0.988
_diffrn_measured_fraction_theta_max
                                        0.988
_reflns_number_total                    5455
_reflns_number_gt                       4585
_reflns_threshold_expression            >2sigma(I)

#---------------------------------------------------------------------------#
#                   COMPUTER PROGRAMS USED                                  #
#---------------------------------------------------------------------------#

_computing_data_collection
;
        CrysAlisPro, Agilent Technologies,
        Version 1.171.36.20 (release 27-06-2012 CrysAlis171 .NET)
        (compiled Jul 11 2012,15:38:31)
;
_computing_cell_refinement
;
        CrysAlisPro, Agilent Technologies,
        Version 1.171.36.20 (release 27-06-2012 CrysAlis171 .NET)
        (compiled Jul 11 2012,15:38:31)
;
_computing_data_reduction
;
        CrysAlisPro, Agilent Technologies,
        Version 1.171.36.20 (release 27-06-2012 CrysAlis171 .NET)
        (compiled Jul 11 2012,15:38:31)
;
_computing_structure_solution           'SIR2002 (Burla et al., 2003)'
_computing_structure_refinement         'SHELXL-97 (Sheldrick, 1997)'

#---------------------------------------------------------------------------#
#                   STRUCTURE SOLUTION
#---------------------------------------------------------------------------#

_atom_sites_solution_primary            direct
_atom_sites_solution_secondary          difmap
```

```
_atom_sites_solution_hydrogens          geom

#------------------------------------------------------------------------------#
#                    REFINEMENT INFORMATION                                    #
#------------------------------------------------------------------------------#

_refine_special_details
;
 Refinement of F^2^ against ALL reflections.  The weighted R-factor wR and
 goodness of fit S are based on F^2^, conventional R-factors R are based
 on F, with F set to zero for negative F^2^. The threshold expression of
 F^2^ > 2sigma(F^2^) is used only for calculating R-factors(gt) etc. and is
 not relevant to the choice of reflections for refinement.  R-factors based
 on F^2^ are statistically about twice as large as those based on F, and R-
 factors based on ALL data will be even larger.
;
_refine_ls_structure_factor_coef        Fsqd
_refine_ls_matrix_type                  full
_refine_ls_weighting_scheme             calc
_refine_ls_weighting_details
         'calc w=1/[\s^2^(Fo^2^)+(0.0391P)^2^+0.3963P] where P=(Fo^2^+2Fc^2^)/3'
_refine_ls_hydrogen_treatment           mixed
_refine_ls_extinction_method            none
_refine_ls_number_reflns                5455
_refine_ls_number_parameters            431
_refine_ls_number_restraints            4
_refine_ls_R_factor_all                 0.0461
_refine_ls_R_factor_gt                  0.0364
_refine_ls_wR_factor_ref                0.091
_refine_ls_wR_factor_gt                 0.0845
_refine_ls_goodness_of_fit_ref          1.029
_refine_ls_restrained_S_all             1.029
_refine_ls_shift/su_max                 0
_refine_ls_shift/su_mean                0
_refine_diff_density_max                0.223
_refine_diff_density_min                -0.221
_refine_diff_density_rms                0.04

#------------------------------------------------------------------------------#
#                    ATOMIC TYPES, COORDINATES AND THERMAL PARAMETERS          #
#------------------------------------------------------------------------------#

loop_
    _atom_type_symbol
    _atom_type_description
    _atom_type_scat_dispersion_real
    _atom_type_scat_dispersion_imag
    _atom_type_scat_source
C C 0.0033 0.0016 'International Tables Vol C Tables 4.2.6.8 and 6.1.1.4'
H H 0 0 'International Tables Vol C Tables 4.2.6.8 and 6.1.1.4'
N N 0.0061 0.0033 'International Tables Vol C Tables 4.2.6.8 and 6.1.1.4'
O O 0.0106 0.006 'International Tables Vol C Tables 4.2.6.8 and 6.1.1.4'
F F 0.0171 0.0103 'International Tables Vol C Tables 4.2.6.8 and 6.1.1.4'

loop_
    _atom_site_label
    _atom_site_type_symbol
    _atom_site_fract_x
    _atom_site_fract_y
    _atom_site_fract_z
    _atom_site_U_iso_or_equiv
    _atom_site_adp_type
    _atom_site_occupancy
    _atom_site_symmetry_multiplicity
```

```
    _atom_site_calc_flag
    _atom_site_refinement_flags
    _atom_site_disorder_assembly
    _atom_site_disorder_group
O1B O 0.99620(11) 0.49382(10) 0.60707(7) 0.0290(2) Uani 1 1 d . . .
F1B F 1.05955(12) 1.08212(8) 0.64373(6) 0.0448(3) Uani 1 1 d . . .
O1A O 1.01091(11) 1.06762(9) 0.10434(6) 0.0270(2) Uani 1 1 d . . .
F1A F 1.05353(12) 0.51634(9) 0.14778(8) 0.0537(3) Uani 1 1 d . . .
N2A N 0.69018(14) 1.05106(11) -0.08893(8) 0.0232(3) Uani 1 1 d D . .
N1B N 0.81171(13) 0.61012(11) 0.56090(8) 0.0237(3) Uani 1 1 d D . .
F2A F 0.38825(13) 1.00250(11) -0.41567(6) 0.0548(3) Uani 1 1 d . . .
N1A N 0.80353(13) 0.92956(11) 0.07086(8) 0.0229(3) Uani 1 1 d D . .
F2B F 0.38837(12) 0.52230(11) 0.09616(6) 0.0545(3) Uani 1 1 d . . .
O2B O 0.50203(10) 0.34733(9) 0.46644(6) 0.0274(2) Uani 1 1 d . . .
O2A O 0.51370(11) 1.14986(9) -0.00909(7) 0.0280(2) Uani 1 1 d . . .
N2B N 0.68763(13) 0.43676(11) 0.39943(8) 0.0243(3) Uani 1 1 d D . .
C6B C 0.63489(15) 0.39205(12) 0.46612(9) 0.0215(3) Uani 1 1 d . . .
C6A C 0.64340(15) 1.11078(12) -0.01490(9) 0.0207(3) Uani 1 1 d . . .
C9B C 0.88352(15) 0.72880(13) 0.58403(9) 0.0225(3) Uani 1 1 d . . .
C10A C 0.82355(17) 0.71423(14) 0.04103(10) 0.0281(3) Uani 1 1 d . . .
H10A H 0.7478 0.7097 -0.0048 0.034 Uiso 1 1 calc R . .
C1A C 0.76512(16) 1.13611(13) 0.06031(9) 0.0222(3) Uani 1 1 d . . .
C1B C 0.75396(15) 0.39599(13) 0.54188(9) 0.0221(3) Uani 1 1 d . . .
C16A C 0.60643(16) 1.03838(13) -0.17152(9) 0.0233(3) Uani 1 1 d . . .
C21B C 0.67588(17) 0.53224(15) 0.27548(10) 0.0304(3) Uani 1 1 d . . .
H21B H 0.7737 0.5694 0.2956 0.036 Uiso 1 1 calc R . .
C9A C 0.87503(15) 0.82548(13) 0.08990(9) 0.0222(3) Uani 1 1 d . . .
C12B C 1.00043(18) 0.96492(14) 0.62403(10) 0.0312(4) Uani 1 1 d . . .
C17A C 0.51699(19) 1.12898(15) -0.19376(10) 0.0343(4) Uani 1 1 d . . .
H17A H 0.507 1.1983 -0.1533 0.041 Uiso 1 1 calc R . .
C14B C 1.00411(18) 0.76226(14) 0.64834(10) 0.0300(3) Uani 1 1 d . . .
H14B H 1.0446 0.7051 0.6783 0.036 Uiso 1 1 calc R . .
C11A C 0.88405(18) 0.60945(14) 0.05989(11) 0.0330(4) Uani 1 1 d . . .
H11A H 0.8499 0.5343 0.0273 0.04 Uiso 1 1 calc R . .
C10B C 0.82237(17) 0.81548(14) 0.54089(10) 0.0279(3) Uani 1 1 d . . .
H10B H 0.7416 0.7928 0.4977 0.034 Uiso 1 1 calc R . .
C11B C 0.87964(18) 0.93455(15) 0.56120(10) 0.0318(4) Uani 1 1 d . . .
H11B H 0.8373 0.9929 0.533 0.038 Uiso 1 1 calc R . .
C12A C 0.99560(18) 0.61922(15) 0.12783(11) 0.0343(4) Uani 1 1 d . . .
C4A C 0.87315(15) 1.04158(13) 0.07945(8) 0.0205(3) Uani 1 1 d . . .
C2B C 0.70298(18) 0.33391(14) 0.61410(10) 0.0309(4) Uani 1 1 d . . .
H2B1 H 0.746 0.3673 0.6725 0.037 Uiso 1 1 calc R . .
H2B2 H 0.5962 0.3005 0.6093 0.037 Uiso 1 1 calc R . .
C19A C 0.46061(19) 1.01452(16) -0.33441(10) 0.0354(4) Uani 1 1 d . . .
C16B C 0.60447(15) 0.45424(13) 0.32193(9) 0.0229(3) Uani 1 1 d . . .
C4B C 0.86658(15) 0.50395(13) 0.57194(8) 0.0215(3) Uani 1 1 d . . .
C14A C 0.98856(18) 0.83276(14) 0.15809(10) 0.0300(3) Uani 1 1 d . . .
H14A H 1.0235 0.9075 0.1911 0.036 Uiso 1 1 calc R . .
C13B C 1.06417(19) 0.88206(15) 0.66772(10) 0.0349(4) Uani 1 1 d . . .
H13B H 1.1466 0.9055 0.7098 0.042 Uiso 1 1 calc R . .
C21A C 0.62209(19) 0.93680(15) -0.23245(10) 0.0347(4) Uani 1 1 d . . .
H21A H 0.6827 0.8762 -0.218 0.042 Uiso 1 1 calc R . .
C19B C 0.45951(19) 0.49907(16) 0.17086(10) 0.0348(4) Uani 1 1 d . . .
C17B C 0.45913(16) 0.39745(14) 0.29077(9) 0.0268(3) Uani 1 1 d . . .
H17B H 0.4109 0.3441 0.321 0.032 Uiso 1 1 calc R . .
C3B C 0.80858(18) 0.27362(14) 0.55377(10) 0.0319(4) Uani 1 1 d . . .
H3B1 H 0.7663 0.2033 0.5122 0.038 Uiso 1 1 calc R . .
H3B2 H 0.9161 0.2702 0.5753 0.038 Uiso 1 1 calc R . .
C20A C 0.5483(2) 0.92420(16) -0.31500(10) 0.0392(4) Uani 1 1 d . . .
H20A H 0.5585 0.8557 -0.3561 0.047 Uiso 1 1 calc R . .
C18B C 0.38624(18) 0.42061(15) 0.21430(10) 0.0328(4) Uani 1 1 d . . .
H18B H 0.289 0.3832 0.193 0.039 Uiso 1 1 calc R . .
C18A C 0.4427(2) 1.11625(16) -0.27600(11) 0.0403(4) Uani 1 1 d . . .
H18A H 0.3816 1.1761 -0.2912 0.048 Uiso 1 1 calc R . .
```

```
C20B C 0.60327(18) 0.55530(16) 0.19971(10) 0.0362(4) Uani 1 1 d . . .
H20B H 0.6509 0.608 0.1688 0.043 Uiso 1 1 calc R . .
C13A C 1.04953(19) 0.72786(16) 0.17671(11) 0.0376(4) Uani 1 1 d . . .
H13A H 1.1262 0.7315 0.222 0.045 Uiso 1 1 calc R . .
C2A C 0.7238(2) 1.22269(16) 0.13825(10) 0.0392(4) Uani 1 1 d . . .
H2A1 H 0.6195 1.2505 0.1372 0.047 Uiso 1 1 calc R . .
H2A2 H 0.7678 1.2118 0.1946 0.047 Uiso 1 1 calc R . .
C3A C 0.8304(2) 1.26612(14) 0.07976(12) 0.0399(4) Uani 1 1 d . . .
H3A1 H 0.9395 1.2818 0.1004 0.048 Uiso 1 1 calc R . .
H3A2 H 0.7912 1.3204 0.043 0.048 Uiso 1 1 calc R . .
H8A H 0.7044(16) 0.9172(15) 0.0500(10) 0.036(5) Uiso 1 1 d D . .
H15A H 0.7814(17) 1.0219(15) -0.0862(11) 0.033(4) Uiso 1 1 d D . .
H15B H 0.7870(16) 0.4628(15) 0.4047(10) 0.033(4) Uiso 1 1 d D . .
H8B H 0.7161(17) 0.6085(15) 0.5390(10) 0.035(5) Uiso 1 1 d D . .

loop_
    _atom_site_aniso_label
    _atom_site_aniso_U_11
    _atom_site_aniso_U_22
    _atom_site_aniso_U_33
    _atom_site_aniso_U_23
    _atom_site_aniso_U_13
    _atom_site_aniso_U_12
O1B 0.0161(5) 0.0375(6) 0.0345(6) 0.0126(5) -0.0045(4) 0.0016(4)
F1B 0.0608(6) 0.0295(5) 0.0408(6) 0.0057(4) -0.0050(5) -0.0109(5)
O1A 0.0176(5) 0.0283(6) 0.0336(6) 0.0039(5) -0.0043(4) 0.0025(4)
F1A 0.0504(6) 0.0357(6) 0.0821(8) 0.0296(6) -0.0013(6) 0.0168(5)
N2A 0.0187(6) 0.0261(7) 0.0248(6) 0.0047(5) -0.0016(5) 0.0067(5)
N1B 0.0143(6) 0.0269(7) 0.0288(7) 0.0045(5) -0.0030(5) 0.0011(5)
F2A 0.0587(7) 0.0726(8) 0.0283(5) 0.0036(5) -0.0161(5) 0.0095(6)
N1A 0.0167(6) 0.0229(6) 0.0296(7) 0.0080(5) -0.0028(5) 0.0031(5)
F2B 0.0494(6) 0.0824(8) 0.0348(5) 0.0253(6) -0.0117(5) 0.0075(6)
O2B 0.0154(5) 0.0319(6) 0.0355(6) 0.0100(5) -0.0011(4) -0.0014(4)
O2A 0.0181(5) 0.0315(6) 0.0340(6) 0.0046(5) -0.0003(4) 0.0071(4)
N2B 0.0145(6) 0.0325(7) 0.0259(6) 0.0072(5) -0.0020(5) -0.0002(5)
C6B 0.0173(7) 0.0196(7) 0.0269(7) 0.0022(6) 0.0011(6) 0.0043(6)
C6A 0.0179(7) 0.0172(7) 0.0279(8) 0.0072(6) -0.0001(6) 0.0013(5)
C9B 0.0182(7) 0.0281(8) 0.0215(7) 0.0043(6) 0.0036(6) 0.0005(6)
C10A 0.0261(8) 0.0277(8) 0.0310(8) 0.0083(7) -0.0010(6) 0.0024(6)
C1A 0.0207(7) 0.0202(7) 0.0256(7) 0.0050(6) -0.0008(6) 0.0027(6)
C1B 0.0167(7) 0.0251(8) 0.0254(7) 0.0065(6) 0.0009(6) 0.0037(6)
C16A 0.0200(7) 0.0260(8) 0.0243(7) 0.0067(6) -0.0011(6) 0.0012(6)
C21B 0.0219(7) 0.0366(9) 0.0337(8) 0.0105(7) -0.0009(6) 0.0015(6)
C9A 0.0191(7) 0.0255(8) 0.0242(7) 0.0086(6) 0.0044(6) 0.0056(6)
C12B 0.0383(9) 0.0264(8) 0.0277(8) 0.0037(7) 0.0035(7) -0.0049(7)
C17A 0.0418(9) 0.0294(9) 0.0298(8) 0.0022(7) -0.0065(7) 0.0088(7)
C14B 0.0317(8) 0.0310(9) 0.0265(8) 0.0067(7) -0.0041(6) 0.0007(7)
C11A 0.0351(9) 0.0231(8) 0.0417(9) 0.0067(7) 0.0057(7) 0.0040(7)
C10B 0.0221(7) 0.0350(9) 0.0272(8) 0.0095(7) -0.0015(6) -0.0009(6)
C11B 0.0329(8) 0.0326(9) 0.0324(8) 0.0137(7) 0.0008(7) 0.0013(7)
C12A 0.0310(8) 0.0286(9) 0.0498(10) 0.0206(8) 0.0061(8) 0.0124(7)
C4A 0.0198(7) 0.0247(8) 0.0170(7) 0.0031(6) 0.0003(5) 0.0045(6)
C2B 0.0281(8) 0.0352(9) 0.0322(8) 0.0161(7) 0.0001(7) -0.0007(7)
C19A 0.0321(8) 0.0491(11) 0.0234(8) 0.0068(7) -0.0077(7) 0.0005(8)
C16B 0.0191(7) 0.0262(8) 0.0233(7) 0.0028(6) 0.0007(6) 0.0073(6)
C4B 0.0160(7) 0.0306(8) 0.0187(7) 0.0060(6) 0.0027(6) 0.0026(6)
C14A 0.0335(8) 0.0268(8) 0.0293(8) 0.0065(7) -0.0038(7) 0.0043(7)
C13B 0.0377(9) 0.0364(9) 0.0274(8) 0.0038(7) -0.0086(7) -0.0044(7)
C21A 0.0368(9) 0.0335(9) 0.0334(9) 0.0037(7) -0.0017(7) 0.0129(7)
C19B 0.0329(9) 0.0469(10) 0.0257(8) 0.0092(7) -0.0041(7) 0.0128(8)
C17B 0.0219(7) 0.0296(8) 0.0280(8) 0.0034(6) -0.0005(6) 0.0022(6)
C3B 0.0301(8) 0.0266(8) 0.0394(9) 0.0095(7) -0.0059(7) 0.0065(7)
C20A 0.0447(10) 0.0397(10) 0.0289(9) -0.0046(7) -0.0021(7) 0.0067(8)
C18B 0.0254(8) 0.0411(10) 0.0288(8) 0.0011(7) -0.0061(7) 0.0026(7)
```

```
C18A 0.0461(10) 0.0395(10) 0.0352(9) 0.0091(8) -0.0099(8) 0.0138(8)
C20B 0.0326(9) 0.0448(10) 0.0354(9) 0.0172(8) 0.0046(7) 0.0067(8)
C13A 0.0344(9) 0.0406(10) 0.0399(9) 0.0170(8) -0.0090(7) 0.0071(8)
C2A 0.0437(10) 0.0403(10) 0.0300(9) -0.0051(7) -0.0076(7) 0.0212(8)
C3A 0.0386(9) 0.0210(8) 0.0565(11) 0.0067(8) -0.0170(8) -0.0005(7)


#------------------------------------------------------------------------------#
#                    MOLECULAR GEOMETRY                                        #
#------------------------------------------------------------------------------#

_geom_special_details
;
 All esds (except the esd in the dihedral angle between two l.s. planes)
 are estimated using the full covariance matrix.  The cell esds are taken
 into account individually in the estimation of esds in distances, angles
 and torsion angles; correlations between esds in cell parameters are only
 used when they are defined by crystal symmetry.  An approximate (isotropic)
 treatment of cell esds is used for estimating esds involving l.s. planes.
;
loop_
    _geom_bond_atom_site_label_1
    _geom_bond_atom_site_label_2
    _geom_bond_distance
    _geom_bond_site_symmetry_2
    _geom_bond_publ_flag
O1B C4B 1.2311(15) . ?
F1B C12B 1.3619(18) . ?
O1A C4A 1.2280(16) . ?
F1A C12A 1.3616(17) . ?
N2A C6A 1.3453(18) . ?
N2A C16A 1.4221(18) . ?
N2A H15A 0.871(13) . ?
N1B C4B 1.3425(18) . ?
N1B C9B 1.4162(19) . ?
N1B H8B 0.869(13) . ?
F2A C19A 1.3642(17) . ?
N1A C4A 1.3466(19) . ?
N1A C9A 1.4194(17) . ?
N1A H8A 0.888(13) . ?
F2B C19B 1.3599(17) . ?
O2B C6B 1.2292(17) . ?
O2A C6A 1.2304(16) . ?
N2B C6B 1.3425(19) . ?
N2B C16B 1.4195(17) . ?
N2B H15B 0.886(14) . ?
C6B C1B 1.5093(18) . ?
C6A C1A 1.5014(19) . ?
C9B C14B 1.386(2) . ?
C9B C10B 1.387(2) . ?
C10A C9A 1.382(2) . ?
C10A C11A 1.384(2) . ?
C10A H10A 0.93 . ?
C1A C4A 1.5065(18) . ?
C1A C3A 1.509(2) . ?
C1A C2A 1.509(2) . ?
C1B C4B 1.499(2) . ?
C1B C3B 1.5162(19) . ?
C1B C2B 1.517(2) . ?
C16A C21A 1.380(2) . ?
C16A C17A 1.388(2) . ?
C21B C20B 1.379(2) . ?
C21B C16B 1.387(2) . ?
C21B H21B 0.93 . ?
```

```
C9A C14A 1.388(2) . ?
C12B C13B 1.367(2) . ?
C12B C11B 1.369(2) . ?
C17A C18A 1.384(2) . ?
C17A H17A 0.93 . ?
C14B C13B 1.391(2) . ?
C14B H14B 0.93 . ?
C11A C12A 1.371(2) . ?
C11A H11A 0.93 . ?
C10B C11B 1.377(2) . ?
C10B H10B 0.93 . ?
C11B H11B 0.93 . ?
C12A C13A 1.364(2) . ?
C2B C3B 1.476(2) . ?
C2B H2B1 0.97 . ?
C2B H2B2 0.97 . ?
C19A C20A 1.363(2) . ?
C19A C18A 1.363(2) . ?
C16B C17B 1.392(2) . ?
C14A C13A 1.386(2) . ?
C14A H14A 0.93 . ?
C13B H13B 0.93 . ?
C21A C20A 1.386(2) . ?
C21A H21A 0.93 . ?
C19B C18B 1.366(2) . ?
C19B C20B 1.371(2) . ?
C17B C18B 1.390(2) . ?
C17B H17B 0.93 . ?
C3B H3B1 0.97 . ?
C3B H3B2 0.97 . ?
C20A H20A 0.93 . ?
C18B H18B 0.93 . ?
C18A H18A 0.93 . ?
C20B H20B 0.93 . ?
C13A H13A 0.93 . ?
C2A C3A 1.476(3) . ?
C2A H2A1 0.97 . ?
C2A H2A2 0.97 . ?
C3A H3A1 0.97 . ?
C3A H3A2 0.97 . ?

loop_
    _geom_angle_atom_site_label_1
    _geom_angle_atom_site_label_2
    _geom_angle_atom_site_label_3
    _geom_angle
    _geom_angle_site_symmetry_1
    _geom_angle_site_symmetry_3
    _geom_angle_publ_flag
C6A N2A C16A 125.00(11) . . ?
C6A N2A H15A 117.1(11) . . ?
C16A N2A H15A 117.8(11) . . ?
C4B N1B C9B 129.77(12) . . ?
C4B N1B H8B 117.1(12) . . ?
C9B N1B H8B 113.0(11) . . ?
C4A N1A C9A 126.05(12) . . ?
C4A N1A H8A 118.6(11) . . ?
C9A N1A H8A 115.4(11) . . ?
C6B N2B C16B 129.08(12) . . ?
C6B N2B H15B 116.7(11) . . ?
C16B N2B H15B 114.1(11) . . ?
O2B C6B N2B 124.06(13) . . ?
O2B C6B C1B 121.05(13) . . ?
N2B C6B C1B 114.85(12) . . ?
```

```
O2A C6A N2A 123.37(12) . . ?
O2A C6A C1A 121.06(13) . . ?
N2A C6A C1A 115.40(11) . . ?
C14B C9B C10B 119.65(14) . . ?
C14B C9B N1B 123.89(13) . . ?
C10B C9B N1B 116.40(12) . . ?
C9A C10A C11A 120.38(14) . . ?
C9A C10A H10A 119.8 . . ?
C11A C10A H10A 119.8 . . ?
C6A C1A C4A 121.42(12) . . ?
C6A C1A C3A 113.08(11) . . ?
C4A C1A C3A 116.99(12) . . ?
C6A C1A C2A 115.70(11) . . ?
C4A C1A C2A 115.28(12) . . ?
C3A C1A C2A 58.55(11) . . ?
C4B C1B C6B 121.12(11) . . ?
C4B C1B C3B 117.18(11) . . ?
C6B C1B C3B 114.56(12) . . ?
C4B C1B C2B 113.93(12) . . ?
C6B C1B C2B 116.04(12) . . ?
C3B C1B C2B 58.21(10) . . ?
C21A C16A C17A 119.38(13) . . ?
C21A C16A N2A 119.03(12) . . ?
C17A C16A N2A 121.48(13) . . ?
C20B C21B C16B 120.66(14) . . ?
C20B C21B H21B 119.7 . . ?
C16B C21B H21B 119.7 . . ?
C10A C9A C14A 120.05(13) . . ?
C10A C9A N1A 118.20(12) . . ?
C14A C9A N1A 121.68(13) . . ?
F1B C12B C13B 118.70(14) . . ?
F1B C12B C11B 118.79(13) . . ?
C13B C12B C11B 122.51(15) . . ?
C18A C17A C16A 120.05(15) . . ?
C18A C17A H17A 120 . . ?
C16A C17A H17A 120 . . ?
C9B C14B C13B 119.49(14) . . ?
C9B C14B H14B 120.3 . . ?
C13B C14B H14B 120.3 . . ?
C12A C11A C10A 118.35(15) . . ?
C12A C11A H11A 120.8 . . ?
C10A C11A H11A 120.8 . . ?
C11B C10B C9B 120.91(14) . . ?
C11B C10B H10B 119.5 . . ?
C9B C10B H10B 119.5 . . ?
C12B C11B C10B 118.29(14) . . ?
C12B C11B H11B 120.9 . . ?
C10B C11B H11B 120.9 . . ?
F1A C12A C13A 118.78(14) . . ?
F1A C12A C11A 118.68(15) . . ?
C13A C12A C11A 122.54(13) . . ?
O1A C4A N1A 123.97(12) . . ?
O1A C4A C1A 121.78(13) . . ?
N1A C4A C1A 114.17(12) . . ?
C3B C2B C1B 60.86(10) . . ?
C3B C2B H2B1 117.7 . . ?
C1B C2B H2B1 117.7 . . ?
C3B C2B H2B2 117.7 . . ?
C1B C2B H2B2 117.7 . . ?
H2B1 C2B H2B2 114.8 . . ?
C20A C19A C18A 122.61(14) . . ?
C20A C19A F2A 118.55(15) . . ?
C18A C19A F2A 118.84(14) . . ?
C21B C16B C17B 119.43(13) . . ?
```

```
C21B C16B N2B 116.64(13) . . ?
C17B C16B N2B 123.93(13) . . ?
O1B C4B N1B 123.94(13) . . ?
O1B C4B C1B 121.25(12) . . ?
N1B C4B C1B 114.75(11) . . ?
C13A C14A C9A 119.54(15) . . ?
C13A C14A H14A 120.2 . . ?
C9A C14A H14A 120.2 . . ?
C12B C13B C14B 119.13(14) . . ?
C12B C13B H13B 120.4 . . ?
C14B C13B H13B 120.4 . . ?
C16A C21A C20A 120.61(14) . . ?
C16A C21A H21A 119.7 . . ?
C20A C21A H21A 119.7 . . ?
F2B C19B C18B 119.23(15) . . ?
F2B C19B C20B 118.47(15) . . ?
C18B C19B C20B 122.31(14) . . ?
C18B C17B C16B 119.83(15) . . ?
C18B C17B H17B 120.1 . . ?
C16B C17B H17B 120.1 . . ?
C2B C3B C1B 60.93(9) . . ?
C2B C3B H3B1 117.7 . . ?
C1B C3B H3B1 117.7 . . ?
C2B C3B H3B2 117.7 . . ?
C1B C3B H3B2 117.7 . . ?
H3B1 C3B H3B2 114.8 . . ?
C19A C20A C21A 118.43(15) . . ?
C19A C20A H20A 120.8 . . ?
C21A C20A H20A 120.8 . . ?
C19B C18B C17B 119.03(15) . . ?
C19B C18B H18B 120.5 . . ?
C17B C18B H18B 120.5 . . ?
C19A C18A C17A 118.91(14) . . ?
C19A C18A H18A 120.5 . . ?
C17A C18A H18A 120.5 . . ?
C19B C20B C21B 118.73(16) . . ?
C19B C20B H20B 120.6 . . ?
C21B C20B H20B 120.6 . . ?
C12A C13A C14A 119.14(14) . . ?
C12A C13A H13A 120.4 . . ?
C14A C13A H13A 120.4 . . ?
C3A C2A C1A 60.72(11) . . ?
C3A C2A H2A1 117.7 . . ?
C1A C2A H2A1 117.7 . . ?
C3A C2A H2A2 117.7 . . ?
C1A C2A H2A2 117.7 . . ?
H2A1 C2A H2A2 114.8 . . ?
C2A C3A C1A 60.73(11) . . ?
C2A C3A H3A1 117.7 . . ?
C1A C3A H3A1 117.7 . . ?
C2A C3A H3A2 117.7 . . ?
C1A C3A H3A2 117.7 . . ?
H3A1 C3A H3A2 114.8 . . ?

loop_
    _geom_torsion_atom_site_label_1
    _geom_torsion_atom_site_label_2
    _geom_torsion_atom_site_label_3
    _geom_torsion_atom_site_label_4
    _geom_torsion
    _geom_torsion_site_symmetry_1
    _geom_torsion_site_symmetry_2
    _geom_torsion_site_symmetry_3
    _geom_torsion_site_symmetry_4
```

```
    _geom_torsion_publ_flag
C16B N2B C6B O2B 7.1(2) . . . . ?
C16B N2B C6B C1B -175.07(13) . . . . ?
C16A N2A C6A O2A 8.4(2) . . . . ?
C16A N2A C6A C1A -166.92(12) . . . . ?
C4B N1B C9B C14B -23.1(2) . . . . ?
C4B N1B C9B C10B 159.61(14) . . . . ?
O2A C6A C1A C4A 141.57(14) . . . . ?
N2A C6A C1A C4A -42.96(18) . . . . ?
O2A C6A C1A C3A -71.45(18) . . . . ?
N2A C6A C1A C3A 104.02(15) . . . . ?
O2A C6A C1A C2A -6.6(2) . . . . ?
N2A C6A C1A C2A 168.90(13) . . . . ?
O2B C6B C1B C4B -141.02(14) . . . . ?
N2B C6B C1B C4B 41.07(17) . . . . ?
O2B C6B C1B C3B 69.37(17) . . . . ?
N2B C6B C1B C3B -108.54(14) . . . . ?
O2B C6B C1B C2B 4.29(19) . . . . ?
N2B C6B C1B C2B -173.62(12) . . . . ?
C6A N2A C16A C21A -150.53(15) . . . . ?
C6A N2A C16A C17A 33.4(2) . . . . ?
C11A C10A C9A C14A 0.3(2) . . . . ?
C11A C10A C9A N1A -176.73(13) . . . . ?
C4A N1A C9A C10A -147.71(14) . . . . ?
C4A N1A C9A C14A 35.3(2) . . . . ?
C21A C16A C17A C18A 0.9(2) . . . . ?
N2A C16A C17A C18A 176.99(15) . . . . ?
C10B C9B C14B C13B -1.2(2) . . . . ?
N1B C9B C14B C13B -178.34(14) . . . . ?
C9A C10A C11A C12A 0.0(2) . . . . ?
C14B C9B C10B C11B -0.1(2) . . . . ?
N1B C9B C10B C11B 177.26(13) . . . . ?
F1B C12B C11B C10B 179.02(14) . . . . ?
C13B C12B C11B C10B -0.9(2) . . . . ?
C9B C10B C11B C12B 1.2(2) . . . . ?
C10A C11A C12A F1A 178.78(14) . . . . ?
C10A C11A C12A C13A -0.5(2) . . . . ?
C9A N1A C4A O1A 1.0(2) . . . . ?
C9A N1A C4A C1A -175.85(12) . . . . ?
C6A C1A C4A O1A 141.06(14) . . . . ?
C3A C1A C4A O1A -4.7(2) . . . . ?
C2A C1A C4A O1A -70.68(18) . . . . ?
C6A C1A C4A N1A -41.98(18) . . . . ?
C3A C1A C4A N1A 172.26(13) . . . . ?
C2A C1A C4A N1A 106.28(15) . . . . ?
C4B C1B C2B C3B -108.24(13) . . . . ?
C6B C1B C2B C3B 103.97(14) . . . . ?
C20B C21B C16B C17B 1.0(2) . . . . ?
C20B C21B C16B N2B -179.56(14) . . . . ?
C6B N2B C16B C21B 162.26(14) . . . . ?
C6B N2B C16B C17B -18.3(2) . . . . ?
C9B N1B C4B O1B 0.8(2) . . . . ?
C9B N1B C4B C1B 177.81(13) . . . . ?
C6B C1B C4B O1B -150.93(13) . . . . ?
C3B C1B C4B O1B -2.07(19) . . . . ?
C2B C1B C4B O1B 63.09(17) . . . . ?
C6B C1B C4B N1B 31.94(17) . . . . ?
C3B C1B C4B N1B -179.20(12) . . . . ?
C2B C1B C4B N1B -114.04(13) . . . . ?
C10A C9A C14A C13A -0.1(2) . . . . ?
N1A C9A C14A C13A 176.88(14) . . . . ?
F1B C12B C13B C14B 179.70(14) . . . . ?
C11B C12B C13B C14B -0.4(3) . . . . ?
C9B C14B C13B C12B 1.4(2) . . . . ?
```

```
C17A C16A C21A C20A -0.6(2) . . . . ?
N2A C16A C21A C20A -176.79(15) . . . . ?
C21B C16B C17B C18B -0.9(2) . . . . ?
N2B C16B C17B C18B 179.74(13) . . . . ?
C4B C1B C3B C2B 102.60(14) . . . . ?
C6B C1B C3B C2B -106.53(14) . . . . ?
C18A C19A C20A C21A 0.0(3) . . . . ?
F2A C19A C20A C21A 179.82(15) . . . . ?
C16A C21A C20A C19A 0.2(3) . . . . ?
F2B C19B C18B C17B -179.78(14) . . . . ?
C20B C19B C18B C17B 0.5(2) . . . . ?
C16B C17B C18B C19B 0.1(2) . . . . ?
C20A C19A C18A C17A 0.3(3) . . . . ?
F2A C19A C18A C17A -179.53(16) . . . . ?
C16A C17A C18A C19A -0.8(3) . . . . ?
F2B C19B C20B C21B 179.90(14) . . . . ?
C18B C19B C20B C21B -0.4(3) . . . . ?
C16B C21B C20B C19B -0.4(2) . . . . ?
F1A C12A C13A C14A -178.51(14) . . . . ?
C11A C12A C13A C14A 0.8(3) . . . . ?
C9A C14A C13A C12A -0.5(2) . . . . ?
C6A C1A C2A C3A -102.45(14) . . . . ?
C4A C1A C2A C3A 107.43(14) . . . . ?
C6A C1A C3A C2A 106.97(13) . . . . ?
C4A C1A C3A C2A -104.49(14) . . . . ?

loop_
    _geom_hbond_atom_site_label_D
    _geom_hbond_atom_site_label_H
    _geom_hbond_atom_site_label_A
    _geom_hbond_distance_DH
    _geom_hbond_distance_HA
    _geom_hbond_distance_DA
    _geom_hbond_angle_DHA
    _geom_hbond_site_symmetry_A
N1A H8A O2A 0.888(13) 2.007(14) 2.8786(15) 166.5(16) 2_675
N2A H15A O1A 0.871(13) 2.120(14) 2.9793(15) 168.7(15) 2_775
N2B H15B O1B 0.886(14) 1.941(14) 2.8159(15) 169.0(16) 2_766
N1B H8B O2B 0.869(13) 1.975(14) 2.7933(15) 156.4(16) 2_666

# END of CIF
```

```
data_s412

_audit_creation_method            'SHELXL-2014/7'
_shelx_SHELXL_version_number      '2014/7'
_chemical_name_systematic         ?
_chemical_name_common             ?
_chemical_melting_point           ?
_chemical_formula_moiety           'C17 H16 N2 O3'
_chemical_formula_sum              'C17 H16 N2 O3'
_chemical_formula_weight          296.32

loop_
 _atom_type_symbol
 _atom_type_description
 _atom_type_scat_dispersion_real
 _atom_type_scat_dispersion_imag
 _atom_type_scat_source
 'C'  'C'   0.0033   0.0016
 'International Tables Vol C Tables 4.2.6.8 and 6.1.1.4'
 'H'  'H'   0.0000   0.0000
 'International Tables Vol C Tables 4.2.6.8 and 6.1.1.4'
 'N'  'N'   0.0061   0.0033
 'International Tables Vol C Tables 4.2.6.8 and 6.1.1.4'
 'O'  'O'   0.0106   0.0060
 'International Tables Vol C Tables 4.2.6.8 and 6.1.1.4'

_space_group_crystal_system       monoclinic
_space_group_IT_number            9
_space_group_name_H-M_alt         'C c'
_space_group_name_Hall            'C -2yc'

_shelx_space_group_comment
;
The symmetry employed for this shelxl refinement is uniquely defined
by the following loop, which should always be used as a source of
symmetry information in preference to the above space-group names.
They are only intended as comments.
;

loop_
 _space_group_symop_operation_xyz
 'x, y, z'
 'x, -y, z+1/2'
 'x+1/2, y+1/2, z'
 'x+1/2, -y+1/2, z+1/2'

_cell_length_a                    19.8309(4)
_cell_length_b                    9.5212(4)
_cell_length_c                    7.6800(6)
_cell_angle_alpha                 90
_cell_angle_beta                  92.652(3)
_cell_angle_gamma                 90
_cell_volume                      1448.54(13)
_cell_formula_units_Z             4
_cell_measurement_temperature     233(2)
_cell_measurement_reflns_used     19700
_cell_measurement_theta_min       1.0
_cell_measurement_theta_max       25.2

_exptl_crystal_description        prism
_exptl_crystal_colour             colourless
_exptl_crystal_density_meas       ?
_exptl_crystal_density_method     ?
```

```
_exptl_crystal_density_diffrn     1.359
_exptl_crystal_F_000              624
_exptl_transmission_factor_min    ?
_exptl_transmission_factor_max    ?
_exptl_crystal_size_max           0.41
_exptl_crystal_size_mid           0.11
_exptl_crystal_size_min           0.09
_exptl_absorpt_coefficient_mu     0.094
_shelx_estimated_absorpt_T_min    ?
_shelx_estimated_absorpt_T_max    ?
_exptl_absorpt_correction_type    none
_exptl_absorpt_correction_T_min   ?
_exptl_absorpt_correction_T_max   ?
_exptl_absorpt_process_details    ?
_exptl_absorpt_special_details    ?
_diffrn_ambient_temperature       233(2)
_diffrn_radiation_wavelength      0.71073
_diffrn_radiation_type            MoK\a
_diffrn_source                    ?
_diffrn_measurement_device_type   'Nonius KappaCCD'
_diffrn_measurement_method        'phi- and omega-scans'
_diffrn_detector_area_resol_mean  ?
_diffrn_reflns_number             4441
_diffrn_reflns_av_unetI/netI      0.0429
_diffrn_reflns_av_R_equivalents   0.0220
_diffrn_reflns_limit_h_min        -23
_diffrn_reflns_limit_h_max        23
_diffrn_reflns_limit_k_min        -11
_diffrn_reflns_limit_k_max        11
_diffrn_reflns_limit_l_min        -9
_diffrn_reflns_limit_l_max        9
_diffrn_reflns_theta_min          2.373
_diffrn_reflns_theta_max          24.994
_diffrn_reflns_theta_full         24.994
_diffrn_measured_fraction_theta_max   0.991
_diffrn_measured_fraction_theta_full  0.991
_diffrn_reflns_Laue_measured_fraction_max    0.991
_diffrn_reflns_Laue_measured_fraction_full   0.991
_diffrn_reflns_point_group_measured_fraction_max   0.978
_diffrn_reflns_point_group_measured_fraction_full  0.978
_reflns_number_total              2492
_reflns_number_gt                 2254
_reflns_threshold_expression      'I > 2\s(I)'
_reflns_Friedel_coverage          0.970
_reflns_Friedel_fraction_max      0.965
_reflns_Friedel_fraction_full     0.965

_reflns_special_details
;
 Reflections were merged by SHELXL according to the crystal
 class for the calculation of statistics and refinement.

 _reflns_Friedel_fraction is defined as the number of unique
 Friedel pairs measured divided by the number that would be
 possible theoretically, ignoring centric projections and
 systematic absences.
;

_computing_data_collection        COLLECT
_computing_cell_refinement        ?
_computing_data_reduction         'DENZO and SCALEPACK'
_computing_structure_solution     ?
_computing_structure_refinement 'SHELXL-2014/7 (Sheldrick, 2014)'
_computing_molecular_graphics     ?
```

```
_computing_publication_material   ?
_refine_special_details
;
hydrogens at N2 were found and refined isotropically with bond restraints
(d=87pm).
;
_refine_ls_structure_factor_coef  Fsqd
_refine_ls_matrix_type            full
_refine_ls_weighting_scheme       calc
_refine_ls_weighting_details
'w=1/[\s^2^(Fo^2^)+(0.0489P)^2^+0.2380P] where P=(Fo^2^+2Fc^2^)/3'
_atom_sites_solution_primary      ?
_atom_sites_solution_secondary    ?
_atom_sites_solution_hydrogens    mixed
_refine_ls_hydrogen_treatment     mixed
_refine_ls_extinction_method      'SHELXL-2014/7 (Sheldrick 2014'
_refine_ls_extinction_coef        0.013(3)
_refine_ls_extinction_expression
 'Fc^*^=kFc[1+0.001xFc^2^\l^3^/sin(2\q)]^-1/4^'
_refine_ls_abs_structure_details
;
 Flack x determined using 987 quotients [(I+)-(I-)]/[(I+)+(I-)]
 (Parsons, Flack and Wagner, Acta Cryst. B69 (2013) 249-259).
;
_chemical_absolute_configuration  ?
_refine_ls_number_reflns          2492
_refine_ls_number_parameters      210
_refine_ls_number_restraints      4
_refine_ls_R_factor_all           0.0432
_refine_ls_R_factor_gt            0.0378
_refine_ls_wR_factor_ref          0.0926
_refine_ls_wR_factor_gt           0.0899
_refine_ls_goodness_of_fit_ref    1.068
_refine_ls_restrained_S_all       1.068
_refine_ls_shift/su_max           0.000
_refine_ls_shift/su_mean          0.000

loop_
 _atom_site_label
 _atom_site_type_symbol
 _atom_site_fract_x
 _atom_site_fract_y
 _atom_site_fract_z
 _atom_site_U_iso_or_equiv
 _atom_site_adp_type
 _atom_site_occupancy
 _atom_site_site_symmetry_order
 _atom_site_calc_flag
 _atom_site_refinement_flags_posn
 _atom_site_refinement_flags_adp
 _atom_site_refinement_flags_occupancy
 _atom_site_disorder_assembly
 _atom_site_disorder_group
O1 O 0.87450(11) 0.4839(2) 0.6688(3) 0.0419(6) Uani 1 1 d . . . . .
O2 O 0.75894(11) 0.4735(2) 0.4985(3) 0.0485(6) Uani 1 1 d . . . . .
O3 O 0.95643(10) -0.01690(18) 0.7278(3) 0.0373(5) Uani 1 1 d . . . . .
N1 N 0.76110(13) -0.0325(2) 0.5002(3) 0.0368(6) Uani 1 1 d . . . . .
N2 N 1.13970(13) -0.4629(3) 0.7443(4) 0.0375(6) Uani 1 1 d D . . . .
H2N H 1.1559(14) -0.476(3) 0.639(3) 0.033(8) Uiso 1 1 d D . . . .
H1N H 1.1699(15) -0.459(4) 0.837(4) 0.046(10) Uiso 1 1 d D . . . .
C1 C 0.85197(14) 0.3525(3) 0.6264(4) 0.0337(7) Uani 1 1 d . . . . .
C2 C 0.78710(14) 0.3460(3) 0.5365(4) 0.0352(7) Uani 1 1 d . . . . .
C3 C 0.75890(15) 0.2192(3) 0.4977(4) 0.0367(7) Uani 1 1 d . . . . .
H3 H 0.7157 0.2157 0.4423 0.044 Uiso 1 1 calc R U . . .
```

```
C4 C 0.79307(14) 0.0920(3) 0.5388(3) 0.0309(7) Uani 1 1 d . . . . .
C6 C 0.79493(14) -0.1491(3) 0.5385(4) 0.0384(8) Uani 1 1 d . . . . .
H6 H 0.7733 -0.2351 0.5137 0.046 Uiso 1 1 calc R U . . .
C7 C 0.86064(15) -0.1537(3) 0.6134(4) 0.0357(7) Uani 1 1 d . . . . .
H7 H 0.8824 -0.2399 0.6363 0.043 Uiso 1 1 calc R U . . .
C8 C 0.89213(14) -0.0293(3) 0.6522(4) 0.0307(7) Uani 1 1 d . . . . .
C9 C 0.85848(14) 0.0986(3) 0.6184(3) 0.0296(7) Uani 1 1 d . . . . .
C10 C 0.88683(14) 0.2317(3) 0.6612(4) 0.0315(7) Uani 1 1 d . . . . .
H10 H 0.9304 0.2366 0.7144 0.038 Uiso 1 1 calc R U . . .
C11 C 1.00041(13) -0.1327(3) 0.7290(4) 0.0322(7) Uani 1 1 d . . . . .
C12 C 1.01940(14) -0.1931(3) 0.5752(4) 0.0356(7) Uani 1 1 d . . . . .
H12 H 1.0008 -0.1607 0.4678 0.043 Uiso 1 1 calc R U . . .
C13 C 1.06590(15) -0.3015(3) 0.5800(4) 0.0353(7) Uani 1 1 d . . . . .
H13 H 1.0778 -0.3440 0.4753 0.042 Uiso 1 1 calc R U . . .
C14 C 1.09533(14) -0.3488(3) 0.7379(4) 0.0318(7) Uani 1 1 d . . . . .
C15 C 1.07620(15) -0.2842(3) 0.8901(4) 0.0352(7) Uani 1 1 d . . . . .
H15 H 1.0955 -0.3141 0.9979 0.042 Uiso 1 1 calc R U . . .
C16 C 1.02910(14) -0.1764(3) 0.8862(4) 0.0332(7) Uani 1 1 d . . . . .
H16 H 1.0169 -0.1334 0.9904 0.040 Uiso 1 1 calc R U . . .
C17 C 0.93687(18) 0.4899(3) 0.7696(5) 0.0467(9) Uani 1 1 d . . . . .
H17A H 0.9728 0.4524 0.7019 0.070 Uiso 1 1 calc R U . . .
H17B H 0.9332 0.4348 0.8750 0.070 Uiso 1 1 calc R U . . .
H17C H 0.9469 0.5867 0.8004 0.070 Uiso 1 1 calc R U . . .
C18 C 0.69605(19) 0.4737(4) 0.4008(6) 0.0616(11) Uani 1 1 d . . . . .
H18A H 0.6618 0.4303 0.4690 0.092 Uiso 1 1 calc R U . . .
H18B H 0.7005 0.4214 0.2936 0.092 Uiso 1 1 calc R U . . .
H18C H 0.6830 0.5697 0.3734 0.092 Uiso 1 1 calc R U . . .

loop_
 _atom_site_aniso_label
 _atom_site_aniso_U_11
 _atom_site_aniso_U_22
 _atom_site_aniso_U_33
 _atom_site_aniso_U_23
 _atom_site_aniso_U_13
 _atom_site_aniso_U_12
O1 0.0383(12) 0.0254(11) 0.0614(14) 0.0019(10) -0.0044(10) -0.0015(9)
O2 0.0376(13) 0.0321(12) 0.0749(16) 0.0086(11) -0.0057(10) 0.0096(9)
O3 0.0315(11) 0.0260(10) 0.0534(13) -0.0035(9) -0.0095(9) 0.0059(9)
N1 0.0303(13) 0.0335(14) 0.0463(14) -0.0051(12) -0.0013(11) -0.0007(11)
N2 0.0302(13) 0.0350(14) 0.0472(17) -0.0015(12) -0.0001(12) 0.0076(11)
C1 0.0306(17) 0.0294(16) 0.0415(17) 0.0011(12) 0.0044(13) -0.0030(12)
C2 0.0299(16) 0.0278(15) 0.0479(19) 0.0053(12) 0.0033(13) 0.0059(12)
C3 0.0265(15) 0.0368(17) 0.0464(18) 0.0015(14) -0.0012(12) 0.0028(12)
C4 0.0286(16) 0.0310(16) 0.0333(16) -0.0002(11) 0.0011(12) 0.0000(12)
C6 0.0340(18) 0.0289(15) 0.052(2) -0.0048(13) 0.0022(15) -0.0015(13)
C7 0.0340(16) 0.0258(15) 0.0472(18) -0.0003(13) 0.0019(13) 0.0015(13)
C8 0.0268(16) 0.0314(16) 0.0338(16) -0.0003(12) -0.0003(12) 0.0010(11)
C9 0.0259(14) 0.0298(16) 0.0332(16) -0.0008(11) 0.0027(12) 0.0022(11)
C10 0.0264(15) 0.0292(16) 0.0387(16) 0.0003(12) 0.0003(12) 0.0022(11)
C11 0.0253(14) 0.0239(14) 0.0469(17) 0.0001(12) -0.0043(12) 0.0004(11)
C12 0.0331(16) 0.0358(15) 0.0370(16) 0.0038(13) -0.0060(12) -0.0001(12)
C13 0.0330(16) 0.0350(15) 0.0378(16) -0.0037(13) 0.0019(12) 0.0009(13)
C14 0.0249(14) 0.0295(14) 0.0410(17) 0.0016(13) -0.0006(12) -0.0033(12)
C15 0.0329(15) 0.0323(15) 0.0396(17) 0.0037(13) -0.0071(13) 0.0011(12)
C16 0.0315(15) 0.0315(14) 0.0365(16) -0.0022(12) -0.0003(12) 0.0023(12)
C17 0.046(2) 0.0321(16) 0.061(2) -0.0006(15) -0.0094(16) -0.0052(14)
C18 0.047(2) 0.049(2) 0.087(3) 0.011(2) -0.0144(19) 0.0143(17)

_geom_special_details
;
 All esds (except the esd in the dihedral angle between two l.s. planes)
 are estimated using the full covariance matrix.  The cell esds are taken
 into account individually in the estimation of esds in distances, angles
```

```
 and torsion angles; correlations between esds in cell parameters are only
 used when they are defined by crystal symmetry.  An approximate (isotropic)
 treatment of cell esds is used for estimating esds involving l.s. planes.
;

loop_
 _geom_bond_atom_site_label_1
 _geom_bond_atom_site_label_2
 _geom_bond_distance
 _geom_bond_site_symmetry_2
 _geom_bond_publ_flag
O1 C1 1.362(4) . ?
O1 C17 1.430(4) . ?
O2 C2 1.362(3) . ?
O2 C18 1.425(4) . ?
O3 C8 1.381(3) . ?
O3 C11 1.406(3) . ?
N1 C6 1.324(4) . ?
N1 C4 1.370(4) . ?
N2 C14 1.398(4) . ?
N2 H2N 0.89(2) . ?
N2 H1N 0.91(2) . ?
C1 C10 1.362(4) . ?
C1 C2 1.433(4) . ?
C2 C3 1.358(4) . ?
C3 C4 1.416(4) . ?
C3 H3 0.9400 . ?
C4 C9 1.410(3) . ?
C6 C7 1.400(4) . ?
C6 H6 0.9400 . ?
C7 C8 1.366(4) . ?
C7 H7 0.9400 . ?
C8 C9 1.406(4) . ?
C9 C10 1.419(4) . ?
C10 H10 0.9400 . ?
C11 C16 1.375(4) . ?
C11 C12 1.382(4) . ?
C12 C13 1.384(4) . ?
C12 H12 0.9400 . ?
C13 C14 1.396(4) . ?
C13 H13 0.9400 . ?
C14 C15 1.389(4) . ?
C15 C16 1.387(4) . ?
C15 H15 0.9400 . ?
C16 H16 0.9400 . ?
C17 H17A 0.9700 . ?
C17 H17B 0.9700 . ?
C17 H17C 0.9700 . ?
C18 H18A 0.9700 . ?
C18 H18B 0.9700 . ?
C18 H18C 0.9700 . ?

loop_
 _geom_angle_atom_site_label_1
 _geom_angle_atom_site_label_2
 _geom_angle_atom_site_label_3
 _geom_angle
 _geom_angle_site_symmetry_1
 _geom_angle_site_symmetry_3
 _geom_angle_publ_flag
C1 O1 C17 115.6(2) . . ?
C2 O2 C18 117.0(3) . . ?
C8 O3 C11 119.8(2) . . ?
C6 N1 C4 116.9(2) . . ?
```

```
C14 N2 H2N 109.1(19) . . ?
C14 N2 H1N 113(2) . . ?
H2N N2 H1N 117(3) . . ?
O1 C1 C10 124.8(3) . . ?
O1 C1 C2 115.6(2) . . ?
C10 C1 C2 119.6(3) . . ?
C3 C2 O2 125.8(3) . . ?
C3 C2 C1 119.7(3) . . ?
O2 C2 C1 114.5(3) . . ?
C2 C3 C4 121.6(3) . . ?
C2 C3 H3 119.2 . . ?
C4 C3 H3 119.2 . . ?
N1 C4 C9 122.7(3) . . ?
N1 C4 C3 118.7(2) . . ?
C9 C4 C3 118.7(3) . . ?
N1 C6 C7 124.8(3) . . ?
N1 C6 H6 117.6 . . ?
C7 C6 H6 117.6 . . ?
C8 C7 C6 118.0(3) . . ?
C8 C7 H7 121.0 . . ?
C6 C7 H7 121.0 . . ?
C7 C8 O3 124.7(3) . . ?
C7 C8 C9 120.2(2) . . ?
O3 C8 C9 115.1(2) . . ?
C8 C9 C4 117.4(3) . . ?
C8 C9 C10 123.4(2) . . ?
C4 C9 C10 119.1(2) . . ?
C1 C10 C9 121.1(2) . . ?
C1 C10 H10 119.4 . . ?
C9 C10 H10 119.4 . . ?
C16 C11 C12 120.5(2) . . ?
C16 C11 O3 118.3(3) . . ?
C12 C11 O3 120.9(2) . . ?
C11 C12 C13 119.7(3) . . ?
C11 C12 H12 120.1 . . ?
C13 C12 H12 120.1 . . ?
C12 C13 C14 121.0(3) . . ?
C12 C13 H13 119.5 . . ?
C14 C13 H13 119.5 . . ?
C15 C14 C13 118.0(3) . . ?
C15 C14 N2 120.7(3) . . ?
C13 C14 N2 121.2(3) . . ?
C16 C15 C14 121.3(3) . . ?
C16 C15 H15 119.4 . . ?
C14 C15 H15 119.4 . . ?
C11 C16 C15 119.6(3) . . ?
C11 C16 H16 120.2 . . ?
C15 C16 H16 120.2 . . ?
O1 C17 H17A 109.5 . . ?
O1 C17 H17B 109.5 . . ?
H17A C17 H17B 109.5 . . ?
O1 C17 H17C 109.5 . . ?
H17A C17 H17C 109.5 . . ?
H17B C17 H17C 109.5 . . ?
O2 C18 H18A 109.5 . . ?
O2 C18 H18B 109.5 . . ?
H18A C18 H18B 109.5 . . ?
O2 C18 H18C 109.5 . . ?
H18A C18 H18C 109.5 . . ?
H18B C18 H18C 109.5 . . ?

_refine_diff_density_max    0.167
_refine_diff_density_min   -0.150
_refine_diff_density_rms    0.035
```

```
_shelx_res_file
;

    s412.res created by SHELXL-2014/7


TITL p in Cc
CELL 0.71073  19.8309   9.5212   7.6800  90.000  92.652  90.000
ZERR    4.00   0.0004   0.0004   0.0006   0.000   0.003   0.000
LATT -7
SYMM X, -Y, 0.5+Z
SFAC C H N O
UNIT 68 64 8 12
L.S. 10
ACTA
TEMP -40
OMIT 0 50
OMIT     2   0   0
OMIT    -2   8  -1
OMIT    -9   1   7
OMIT    11   1  -8
OMIT    -7   1   8
OMIT    11   9  -2
BOND
BOND $H
FMAP 2
PLAN 10
DFIX 0.87 0.02 N2 H1N N2 H2N
WGHT    0.048900    0.238000
EXTI    0.013438
FVAR       0.67463
O1    4    0.874500    0.483884    0.668787    11.00000    0.03828    0.02544 =
         0.06138    0.00186   -0.00443   -0.00150
O2    4    0.758941    0.473481    0.498525    11.00000    0.03755    0.03212 =
         0.07492    0.00862   -0.00569    0.00958
O3    4    0.956426   -0.016901    0.727770    11.00000    0.03152    0.02601 =
         0.05344   -0.00348   -0.00951    0.00588
N1    3    0.761099   -0.032492    0.500184    11.00000    0.03034    0.03352 =
         0.04626   -0.00510   -0.00125   -0.00070
N2    3    1.139703   -0.462946    0.744317    11.00000    0.03020    0.03496 =
         0.04721   -0.00147   -0.00006    0.00756
H2N   2    1.155859   -0.475856    0.639293    11.00000    0.03310
H1N   2    1.169883   -0.458935    0.836548    11.00000    0.04627
C1    1    0.851973    0.352531    0.626383    11.00000    0.03057    0.02940 =
         0.04145    0.00105    0.00436   -0.00295
C2    1    0.787099    0.345969    0.536496    11.00000    0.02991    0.02779 =
         0.04792    0.00526    0.00334    0.00592
C3    1    0.758897    0.219173    0.497706    11.00000    0.02654    0.03682 =
         0.04642    0.00150   -0.00123    0.00278
AFIX  43
H3    2    0.715663    0.215730    0.442273    11.00000   -1.20000
AFIX   0
C4    1    0.793074    0.091992    0.538784    11.00000    0.02859    0.03096 =
         0.03325   -0.00021    0.00114    0.00001
C6    1    0.794931   -0.149122    0.538517    11.00000    0.03403    0.02886 =
         0.05238   -0.00477    0.00225   -0.00154
AFIX  43
H6    2    0.773284   -0.235123    0.513672    11.00000   -1.20000
AFIX   0
C7    1    0.860637   -0.153718    0.613403    11.00000    0.03402    0.02580 =
         0.04723   -0.00027    0.00186    0.00146
AFIX  43
H7    2    0.882422   -0.239886    0.636287    11.00000   -1.20000
```

```
AFIX   0
C8    1    0.892126   -0.029252    0.652202    11.00000    0.02682    0.03138 =
         0.03375   -0.00028   -0.00025    0.00102
C9    1    0.858483    0.098556    0.618444    11.00000    0.02595    0.02985 =
         0.03325   -0.00077    0.00271    0.00216
C10   1    0.886829    0.231672    0.661165    11.00000    0.02640    0.02920 =
         0.03873    0.00025    0.00034    0.00219
AFIX  43
H10   2    0.930413    0.236567    0.714390    11.00000   -1.20000
AFIX   0
C11   1    1.000413   -0.132719    0.729033    11.00000    0.02534    0.02391 =
         0.04688    0.00011   -0.00429    0.00036
C12   1    1.019402   -0.193110    0.575194    11.00000    0.03315    0.03576 =
         0.03704    0.00385   -0.00597   -0.00007
AFIX  43
H12   2    1.000813   -0.160667    0.467787    11.00000   -1.20000
AFIX   0
C13   1    1.065897   -0.301541    0.579960    11.00000    0.03304    0.03499 =
         0.03784   -0.00367    0.00187    0.00090
AFIX  43
H13   2    1.077843   -0.344041    0.475296    11.00000   -1.20000
AFIX   0
C14   1    1.095333   -0.348764    0.737898    11.00000    0.02488    0.02950 =
         0.04097    0.00155   -0.00065   -0.00326
C15   1    1.076197   -0.284190    0.890140    11.00000    0.03289    0.03227 =
         0.03961    0.00368   -0.00708    0.00110
AFIX  43
H15   2    1.095538   -0.314135    0.997872    11.00000   -1.20000
AFIX   0
C16   1    1.029096   -0.176364    0.886243    11.00000    0.03147    0.03153 =
         0.03651   -0.00222   -0.00033    0.00226
AFIX  43
H16   2    1.016873   -0.133429    0.990393    11.00000   -1.20000
AFIX   0
C17   1    0.936866    0.489933    0.769623    11.00000    0.04614    0.03214 =
         0.06075   -0.00058   -0.00940   -0.00522
AFIX 137
H17A  2    0.972807    0.452363    0.701886    11.00000   -1.50000
H17B  2    0.933182    0.434804    0.874968    11.00000   -1.50000
H17C  2    0.946923    0.586738    0.800427    11.00000   -1.50000
AFIX   0
C18   1    0.696050    0.473737    0.400841    11.00000    0.04707    0.04913 =
         0.08711    0.01100   -0.01443    0.01425
AFIX 137
H18A  2    0.661758    0.430271    0.469027    11.00000   -1.50000
H18B  2    0.700545    0.421404    0.293636    11.00000   -1.50000
H18C  2    0.683048    0.569709    0.373385    11.00000   -1.50000

AFIX   0
HKLF 4

REM  p in Cc
REM R1 =  0.0378 for    2254 Fo > 4sig(Fo)  and  0.0432 for all    2492 data
REM    210 parameters refined using      4 restraints

END

WGHT      0.0489      0.2404

REM Highest difference peak  0.167,  deepest hole -0.150,  1-sigma level  0.035
Q1    1   0.7658 -0.2830  0.5091  11.00000  0.05    0.17
Q2    1   0.9566  0.0193  0.9283  11.00000  0.05    0.15
Q3    1   0.9559 -0.0045  0.5259  11.00000  0.05    0.15
Q4    1   0.7899  0.6026  0.5519  11.00000  0.05    0.15
```

```
Q5    1   0.8544  0.5992  0.6041  11.00000  0.05    0.14
Q6    1   0.8786  0.5165  0.9499  11.00000  0.05    0.13
Q7    1   0.8877 -0.2824  0.6652  11.00000  0.05    0.12
Q8    1   0.9354  0.4906  0.5632  11.00000  0.05    0.12
Q9    1   1.0736 -0.2858  1.0795  11.00000  0.05    0.12
Q10   1   1.0190 -0.1731  1.1480  11.00000  0.05    0.12
;
_shelx_res_checksum   61924

_shelx_hkl_file
;
 -23  -1  -1   14.59    3.67
 -23  -1   0   18.40    4.20
 -23   1  -1   13.47    2.79
 -23   1   0   27.25    3.55
 -23   1   1    6.81    3.03
 -23   3   0    5.71    4.49
 -23   3   1    5.52    4.23
 -22  -4  -1   25.70    5.07
 -22  -4   0   38.81    5.98
 -22  -2  -2   -1.80    5.68
 -22  -2   0   51.12    8.15
 -22  -2   2   38.69    6.34
 -22  -2   3    7.90    3.32
 -22   0  -3   14.21    5.13
 -22   0  -2  255.04   21.72
 -22   0  -1    2.59    2.09
 -22   0   0   53.58    5.12
 -22   0   1   -0.50    2.51
 -22   0   2  164.35   13.59
 -22   2  -2    3.61    2.20
 -22   2   0   53.14    3.94
 -22   2   1    8.88    4.59
 -22   2   2   43.03    4.72
 -22   2   3    3.31    2.62
 -22   4  -1   30.80    3.44
 -22   4   0   48.86    7.27
 -22   4   1    9.00    5.40
 -21  -5  -1   17.14    9.52
 -21  -5   1   -5.71    3.49
 -21  -5   2   -1.30    3.69
 -21  -3  -3   24.70    5.27
 -21  -3  -2    1.59    3.18
 -21  -3   0   12.82    3.79
 -21  -3   1   31.58    4.16
 -21  -3   2   81.90    7.96
 -21  -3   3   56.55   12.33
 -21  -3   4   59.60    7.10
 -21  -1  -3  123.21   16.87
 -21  -1  -2    8.18    2.97
 -21  -1  -1   83.91    8.43
 -21  -1   0   30.25    6.16
 -21  -1   2   36.60    4.72
 -21  -1   3   45.56    8.37
 -21   1  -3  155.50    9.98
 -21   1  -2   10.50    3.30
 -21   1  -1   79.92    8.76
 -21   1   0   26.32    3.28
 -21   1   1   15.60    3.32
 -21   1   2   39.44    4.14
 -21   1   3   42.25    4.16
 -21   3  -3   19.98    4.29
 -21   3  -2   -9.00    3.48
 -21   3  -1   23.14    4.23
```

-21	3	0	14.82	2.46
-21	3	1	31.47	3.14
-21	3	2	68.56	8.11
-21	5	-1	5.11	4.79
-21	5	0	14.52	4.50
-21	5	1	5.11	4.70
-21	5	2	6.00	4.80
-20	-4	-1	13.18	3.12
-20	-4	1	39.82	26.25
-20	-4	3	143.04	11.48
-20	-2	-4	0.20	3.73
-20	-2	-2	10.82	2.90
-20	-2	-1	-3.31	3.89
-20	-2	0	66.26	6.67
-20	-2	1	20.34	3.52
-20	-2	2	20.61	5.72
-20	-2	3	29.92	4.38
-20	-2	4	32.95	5.17
-20	-2	5	1.80	3.48
-20	0	-4	56.55	4.36
-20	0	-3	-0.20	1.81
-20	0	-2	279.56	20.06
-20	0	-1	-0.40	2.29
-20	0	0	122.54	7.08
-20	0	1	0.00	1.00
-20	0	2	5.52	2.73
-20	0	3	-0.10	2.43
-20	0	4	112.15	12.28
-20	0	5	0.71	3.41
-20	2	-4	9.99	2.72
-20	2	-3	2.50	3.10
-20	2	-2	8.82	3.03
-20	2	-1	0.30	1.80
-20	2	0	62.57	4.27
-20	2	1	16.32	2.02
-20	2	2	27.56	8.51
-20	2	3	31.02	3.34
-20	2	4	32.49	4.22
-20	4	-3	47.75	6.77
-20	4	-2	39.69	4.03
-20	4	-1	5.29	2.12
-20	4	0	63.20	5.25
-20	4	1	27.88	4.01
-20	4	2	205.92	13.49
-20	4	3	141.85	22.39
-20	6	-1	9.12	5.62
-20	6	0	6.60	4.52
-20	6	1	20.70	18.56
-19	-5	-3	3.39	2.98
-19	-5	-1	19.01	3.92
-19	-5	0	1.69	2.60
-19	-5	1	42.64	5.35
-19	-5	2	78.85	15.45
-19	-5	3	82.45	11.44
-19	-5	4	133.63	17.11
-19	-3	-4	22.00	14.26
-19	-3	-3	19.10	3.58
-19	-3	-2	10.18	3.13
-19	-3	-1	1.49	1.59
-19	-3	0	125.66	8.74
-19	-3	1	196.28	14.01
-19	-3	2	193.77	15.59
-19	-3	3	84.09	8.99
-19	-3	5	22.56	5.32

-19	-1	-5	-3.20	3.19
-19	-1	-4	16.89	2.63
-19	-1	-3	151.78	8.87
-19	-1	-2	147.62	6.56
-19	-1	-1	0.30	1.31
-19	-1	0	192.38	14.98
-19	-1	1	37.95	5.67
-19	-1	3	99.80	8.19
-19	-1	4	118.59	11.11
-19	-1	5	7.40	2.77
-19	1	-5	-0.79	3.28
-19	1	-4	11.42	3.38
-19	1	-3	136.89	7.02
-19	1	-2	141.13	8.08
-19	1	-1	2.50	1.71
-19	1	0	183.33	9.48
-19	1	1	26.94	3.84
-19	1	2	131.10	8.70
-19	1	3	95.84	7.64
-19	1	4	116.86	11.46
-19	1	5	14.06	3.30
-19	3	-4	5.52	3.29
-19	3	-3	29.70	3.49
-19	3	-2	1.10	2.79
-19	3	-1	8.18	2.80
-19	3	0	121.22	8.37
-19	3	1	199.94	9.62
-19	3	2	176.62	10.37
-19	3	3	91.58	7.46
-19	5	-3	2.69	4.30
-19	5	-2	22.75	4.58
-19	5	-1	17.81	4.30
-19	5	0	1.80	3.89
-19	5	1	41.60	4.90
-19	5	2	89.11	8.12
-19	5	3	86.49	10.23
-19	5	4	127.92	14.48
-18	-6	-3	12.32	3.51
-18	-6	-2	14.21	3.47
-18	-6	1	55.06	5.94
-18	-6	2	2.99	3.60
-18	-4	-3	6.50	2.91
-18	-4	-2	7.78	2.51
-18	-4	-1	19.54	3.54
-18	-4	0	156.00	11.49
-18	-4	2	491.51	34.59
-18	-4	3	161.29	12.19
-18	-4	4	144.96	10.60
-18	-2	-5	7.51	9.43
-18	-2	-4	14.82	2.93
-18	-2	-3	64.48	5.94
-18	-2	-2	73.27	5.65
-18	-2	-1	65.61	4.54
-18	-2	0	74.13	5.68
-18	-2	2	27.04	3.54
-18	-2	3	36.24	18.18
-18	-2	4	50.41	9.23
-18	-2	5	30.25	4.29
-18	-2	6	1.90	3.39
-18	0	-5	-0.40	1.69
-18	0	-4	115.56	6.66
-18	0	-3	1.30	1.30
-18	0	-2	347.08	15.28
-18	0	-1	0.90	1.10

-18	0	0	181.71	7.28
-18	0	1	2.10	1.91
-18	0	2	3.69	2.11
-18	0	3	2.59	2.00
-18	0	4	219.63	15.12
-18	0	5	-0.71	2.91
-18	0	6	91.97	10.55
-18	2	-5	6.00	2.11
-18	2	-4	16.40	2.51
-18	2	-3	90.06	5.12
-18	2	-2	86.12	5.20
-18	2	-1	65.45	4.05
-18	2	0	73.10	6.50
-18	2	1	17.81	3.46
-18	2	2	29.27	2.38
-18	2	3	34.93	4.14
-18	2	4	55.35	5.06
-18	2	5	30.58	3.98
-18	4	-4	19.71	2.66
-18	4	-3	15.92	3.59
-18	4	-2	12.60	1.92
-18	4	-1	25.81	4.37
-18	4	0	151.04	9.83
-18	4	1	433.47	18.74
-18	4	2	470.46	44.25
-18	4	3	149.57	13.21
-18	6	-3	3.10	3.20
-18	6	-2	16.08	2.41
-18	6	-1	6.00	1.81
-18	6	0	7.08	3.67
-18	6	1	58.06	12.34
-18	6	2	6.10	4.10
-18	6	3	11.49	4.61
-17	-7	-2	2.79	3.01
-17	-7	0	21.90	4.40
-17	-7	2	65.93	7.47
-17	-5	-4	15.60	3.32
-17	-5	-1	104.24	5.31
-17	-5	0	45.97	4.88
-17	-5	2	164.61	12.57
-17	-5	4	7.90	3.32
-17	-5	5	2.99	4.08
-17	-3	-5	48.16	5.14
-17	-3	-4	10.69	3.60
-17	-3	-3	35.64	3.94
-17	-3	-2	4.71	2.91
-17	-3	-1	56.85	3.32
-17	-3	0	256.64	16.34
-17	-3	1	119.46	9.18
-17	-3	2	136.89	10.30
-17	-3	4	130.87	11.44
-17	-3	6	3.61	3.19
-17	-1	-5	34.34	4.81
-17	-1	-4	128.60	6.80
-17	-1	-3	61.00	2.97
-17	-1	-2	97.02	4.14
-17	-1	-1	3.10	0.99
-17	-1	0	126.56	6.75
-17	-1	1	24.40	3.26
-17	-1	2	51.12	4.15
-17	-1	4	26.63	3.92
-17	-1	5	24.21	4.03
-17	-1	6	10.11	3.37
-17	1	-6	3.69	3.49

-17	1	-5	27.04	2.60
-17	1	-4	117.07	6.49
-17	1	-3	55.06	3.56
-17	1	-2	95.84	4.11
-17	1	-1	4.80	1.10
-17	1	0	134.79	7.89
-17	1	1	29.70	2.18
-17	1	2	67.90	4.94
-17	1	4	26.21	3.07
-17	1	5	27.98	3.07
-17	1	6	7.40	3.32
-17	3	-5	50.27	4.54
-17	3	-4	6.60	1.80
-17	3	-3	34.93	2.95
-17	3	-2	8.01	1.58
-17	3	-1	62.09	4.26
-17	3	0	267.00	21.90
-17	3	1	99.20	6.97
-17	3	2	134.56	6.26
-17	3	3	170.82	8.10
-17	3	4	126.11	10.56
-17	5	-4	7.67	2.38
-17	5	-3	55.35	3.87
-17	5	-2	9.49	1.97
-17	5	-1	118.37	7.40
-17	5	0	48.86	5.87
-17	5	1	116.21	13.37
-17	5	2	152.52	11.11
-17	5	3	23.52	5.53
-17	5	4	3.50	3.59
-17	7	-2	-0.50	4.32
-17	7	-1	31.02	5.35
-17	7	0	27.14	4.48
-17	7	1	72.59	16.87
-17	7	2	65.61	6.80
-17	7	3	13.47	4.77
-16	-8	-1	7.51	2.90
-16	-8	0	8.88	2.21
-16	-8	1	16.32	4.69
-16	-6	-4	15.52	4.41
-16	-6	-3	2.79	3.21
-16	-6	-1	10.37	2.19
-16	-6	0	12.82	3.08
-16	-6	1	157.50	10.54
-16	-6	2	1.10	2.50
-16	-6	3	6.50	2.81
-16	-6	4	8.82	3.33
-16	-6	5	16.56	9.69
-16	-4	-5	28.52	3.95
-16	-4	-4	12.82	2.72
-16	-4	-3	109.20	8.15
-16	-4	-2	109.83	5.24
-16	-4	-1	294.47	16.82
-16	-4	0	1428.08	58.95
-16	-4	1	298.60	16.59
-16	-4	2	246.80	18.22
-16	-4	3	206.50	18.68
-16	-4	4	0.30	3.52
-16	-4	5	9.92	3.40
-16	-4	6	8.53	3.68
-16	-2	-6	0.20	3.12
-16	-2	-5	4.88	2.92
-16	-2	-4	88.17	4.51
-16	-2	-3	145.93	9.18

-16	-2	-2	69.06	4.32
-16	-2	-1	6.10	1.19
-16	-2	0	159.01	10.59
-16	-2	1	10.63	1.50
-16	-2	2	4.08	1.98
-16	-2	3	168.48	12.72
-16	-2	4	110.04	10.70
-16	-2	5	11.83	5.09
-16	0	-6	7.78	3.91
-16	0	-5	-0.71	1.92
-16	0	-4	179.83	6.70
-16	0	-3	1.00	1.10
-16	0	-2	41.47	2.19
-16	0	-1	-1.21	1.21
-16	0	0	482.68	18.02
-16	0	1	2.99	1.21
-16	0	2	95.65	5.67
-16	0	3	1.69	1.69
-16	0	4	166.67	14.72
-16	0	5	-1.30	2.01
-16	0	6	38.19	6.06
-16	0	7	-2.19	3.49
-16	2	-6	4.49	3.10
-16	2	-5	6.50	2.09
-16	2	-4	74.13	3.96
-16	2	-3	143.76	6.71
-16	2	-2	75.86	3.14
-16	2	-1	5.38	1.02
-16	2	0	156.25	6.75
-16	2	1	8.12	1.82
-16	2	2	2.69	3.28
-16	2	3	166.41	12.13
-16	2	4	115.35	10.53
-16	2	5	9.00	2.10
-16	4	-5	37.21	4.15
-16	4	-4	6.81	2.09
-16	4	-3	98.21	6.14
-16	4	-2	115.78	6.24
-16	4	-1	306.95	16.82
-16	4	0	1395.02	56.02
-16	4	1	318.27	31.40
-16	4	2	252.81	15.58
-16	4	3	203.06	20.23
-16	4	4	-5.02	2.69
-16	6	-4	7.08	2.39
-16	6	-3	0.40	1.59
-16	6	-2	3.10	1.41
-16	6	-1	21.62	3.72
-16	6	0	7.08	2.98
-16	6	1	160.02	12.65
-16	6	2	13.03	13.21
-16	6	3	3.39	3.39
-16	6	4	4.28	3.81
-16	8	-2	5.52	3.81
-16	8	-1	24.50	12.38
-16	8	0	12.11	7.10
-16	8	1	26.21	7.17
-16	8	2	20.88	4.75
-15	-7	-3	9.42	2.89
-15	-7	-2	33.76	3.25
-15	-7	-1	11.02	3.12
-15	-7	0	36.48	4.71
-15	-7	1	94.67	8.17
-15	-7	2	-0.50	1.60

-15	-7	4	10.82	4.21
-15	-5	-5	3.61	2.62
-15	-5	-3	23.23	3.18
-15	-5	-2	25.40	1.81
-15	-5	-1	78.32	3.72
-15	-5	0	530.84	46.08
-15	-5	1	32.04	3.62
-15	-5	2	198.53	15.22
-15	-5	3	18.49	6.19
-15	-5	4	9.92	3.53
-15	-5	6	12.53	4.11
-15	-3	-6	1.90	2.90
-15	-3	-4	90.44	8.18
-15	-3	-3	130.64	5.94
-15	-3	-2	790.73	35.43
-15	-3	-1	237.47	12.33
-15	-3	0	234.70	10.11
-15	-3	1	171.61	11.00
-15	-3	2	203.06	10.83
-15	-3	5	4.41	3.02
-15	-3	6	2.40	3.10
-15	-3	7	25.60	6.48
-15	-1	-6	8.82	3.09
-15	-1	-5	13.18	1.67
-15	-1	-4	8.82	1.31
-15	-1	-3	36.12	1.80
-15	-1	-2	67.73	3.13
-15	-1	-1	5.29	1.79
-15	-1	0	43.96	4.24
-15	-1	1	186.05	13.37
-15	-1	2	107.33	5.59
-15	-1	3	61.62	5.49
-15	-1	4	34.46	4.23
-15	-1	5	16.48	3.74
-15	-1	6	-0.79	2.58
-15	-1	7	18.06	3.91
-15	1	-6	9.42	2.09
-15	1	-5	20.07	2.33
-15	1	-4	8.41	1.51
-15	1	-3	33.76	1.74
-15	1	-2	67.57	2.63
-15	1	-1	1.21	1.61
-15	1	0	41.73	1.68
-15	1	1	183.33	5.69
-15	1	2	110.25	4.41
-15	1	5	16.32	2.67
-15	1	6	4.88	4.29
-15	3	-6	1.00	2.10
-15	3	-5	7.78	2.12
-15	3	-4	79.74	3.57
-15	3	-3	136.89	6.08
-15	3	-2	770.06	26.64
-15	3	-1	216.97	9.72
-15	3	0	241.18	8.39
-15	3	1	170.82	8.10
-15	3	2	209.67	9.56
-15	3	3	14.29	2.87
-15	3	4	145.20	14.94
-15	5	-5	3.10	3.20
-15	5	-4	12.60	2.13
-15	5	-3	20.61	2.18
-15	5	-2	27.25	2.61
-15	5	-1	79.74	4.29
-15	5	0	557.43	28.33

-15	5	1	39.82	4.80
-15	5	2	203.92	13.42
-15	5	3	10.18	3.70
-15	5	4	4.20	3.20
-15	7	-4	0.40	3.59
-15	7	-3	8.18	2.12
-15	7	-2	32.95	3.10
-15	7	-1	22.37	2.18
-15	7	0	35.64	5.61
-15	7	1	101.40	21.95
-15	7	2	86.12	60.69
-15	7	3	17.14	4.89
-15	7	4	2.19	4.88
-14	-8	-3	27.25	5.32
-14	-8	-2	54.32	5.60
-14	-8	-1	10.50	2.92
-14	-8	0	11.49	2.98
-14	-8	1	94.28	6.21
-14	-8	2	9.42	2.89
-14	-8	3	158.26	16.35
-14	-8	4	5.38	2.51
-14	-6	-5	79.03	13.16
-14	-6	-4	15.52	3.07
-14	-6	-3	11.29	2.69
-14	-6	-2	5.52	1.32
-14	-6	-1	329.06	34.83
-14	-6	0	27.77	2.95
-14	-6	1	150.55	13.01
-14	-6	2	124.55	9.60
-14	-6	3	10.50	3.30
-14	-6	4	2.59	2.90
-14	-6	5	5.38	5.71
-14	-4	-6	18.40	4.20
-14	-4	-5	2.89	2.48
-14	-4	-4	43.69	3.70
-14	-4	-3	148.84	10.00
-14	-4	-2	1260.25	84.49
-14	-4	-1	1000.46	48.08
-14	-4	0	610.58	28.66
-14	-4	1	272.25	18.81
-14	-4	2	27.56	2.31
-14	-4	3	235.01	16.25
-14	-4	4	104.04	8.57
-14	-4	6	77.44	6.51
-14	-4	7	30.36	5.07
-14	-2	-6	0.90	2.70
-14	-2	-5	5.02	1.39
-14	-2	-4	16.32	1.21
-14	-2	-3	91.39	3.06
-14	-2	-2	460.53	13.73
-14	-2	-1	11.29	1.41
-14	-2	0	102.01	5.66
-14	-2	1	35.64	2.03
-14	-2	2	50.84	3.14
-14	-2	3	35.05	2.25
-14	-2	4	2.89	2.11
-14	-2	5	11.49	2.71
-14	-2	6	11.09	4.60
-14	-2	7	13.40	4.17
-14	0	-7	-1.59	4.08
-14	0	-6	325.44	20.20
-14	0	-5	1.49	1.20
-14	0	-4	85.19	3.88
-14	0	-3	-0.20	0.80

-14	0	-2	178.49	7.75
-14	0	-1	-0.20	0.80
-14	0	0	529.46	19.79
-14	0	1	1.69	0.99
-14	0	2	847.97	45.43
-14	0	3	1.69	1.51
-14	0	4	327.97	25.35
-14	0	6	57.46	7.13
-14	2	-7	-2.19	3.29
-14	2	-6	3.39	2.61
-14	2	-5	1.49	1.39
-14	2	-4	15.37	1.33
-14	2	-3	93.70	3.68
-14	2	-2	442.68	20.20
-14	2	-1	10.89	1.12
-14	2	0	98.60	4.17
-14	2	1	35.64	2.51
-14	2	2	52.85	2.62
-14	2	3	32.83	2.29
-14	2	4	3.10	1.90
-14	2	5	13.76	2.23
-14	4	-6	10.11	3.63
-14	4	-5	6.00	3.18
-14	4	-4	46.65	3.28
-14	4	-3	137.83	6.57
-14	4	-2	1243.27	42.31
-14	4	-1	946.18	35.68
-14	4	0	604.18	31.95
-14	4	1	254.40	14.67
-14	4	2	27.25	3.55
-14	4	3	225.90	13.83
-14	4	4	103.43	7.32
-14	6	-5	65.93	10.23
-14	6	-4	18.40	3.78
-14	6	-3	10.37	1.80
-14	6	-2	8.18	1.32
-14	6	-1	360.24	23.54
-14	6	0	37.09	2.68
-14	6	1	165.12	17.99
-14	6	2	127.69	7.91
-14	6	3	11.49	3.39
-14	6	4	7.29	8.10
-14	8	-3	28.41	5.86
-14	8	-2	47.89	6.78
-14	8	-1	17.89	4.48
-14	8	0	10.63	4.43
-14	8	1	85.19	9.97
-14	8	2	9.12	9.18
-14	8	3	167.70	16.06
-14	8	4	70.06	64.45
-13	-9	-2	-0.71	2.40
-13	-9	-1	3.80	2.81
-13	-9	0	10.30	4.43
-13	-9	1	14.90	3.71
-13	-9	2	3.10	2.11
-13	-7	-5	13.40	3.07
-13	-7	-4	7.78	2.68
-13	-7	-2	6.00	1.42
-13	-7	-1	2.19	1.89
-13	-7	0	61.00	4.06
-13	-7	1	8.58	2.87
-13	-7	3	51.12	4.43
-13	-7	4	20.79	3.83
-13	-7	5	5.38	2.51

-13	-5	-6	82.81	13.29
-13	-5	-5	30.03	3.84
-13	-5	-4	1.49	2.29
-13	-5	-3	177.42	9.59
-13	-5	-2	76.74	3.33
-13	-5	-1	89.68	4.55
-13	-5	0	301.37	12.50
-13	-5	2	5.29	1.52
-13	-5	3	25.10	3.21
-13	-5	4	70.73	9.76
-13	-5	6	98.01	9.70
-13	-3	-7	4.71	3.39
-13	-3	-6	3.61	2.89
-13	-3	-5	31.81	3.84
-13	-3	-4	374.04	16.25
-13	-3	-3	157.25	8.03
-13	-3	-2	285.27	13.17
-13	-3	-1	205.92	7.75
-13	-3	0	96.63	4.33
-13	-3	1	68.72	7.13
-13	-3	2	53.14	3.06
-13	-3	3	40.07	3.29
-13	-3	5	60.84	5.46
-13	-3	6	20.61	4.63
-13	-3	7	11.49	4.68
-13	-1	-7	2.69	3.18
-13	-1	-6	76.74	6.13
-13	-1	-5	17.14	1.74
-13	-1	-4	31.47	1.46
-13	-1	-3	5.52	0.80
-13	-1	-2	124.99	4.02
-13	-1	-1	62.73	2.22
-13	-1	0	377.91	10.50
-13	-1	1	81.18	3.42
-13	-1	2	55.35	2.68
-13	-1	3	41.34	3.60
-13	-1	4	44.36	3.20
-13	-1	5	5.52	2.11
-13	-1	6	30.03	4.16
-13	-1	7	25.00	4.70
-13	1	-7	3.88	3.07
-13	1	-6	71.23	4.73
-13	1	-5	14.29	1.29
-13	1	-4	32.49	2.05
-13	1	-3	6.81	1.10
-13	1	-2	121.00	4.18
-13	1	-1	61.78	2.36
-13	1	0	383.38	21.54
-13	1	1	76.74	2.63
-13	1	2	52.27	2.17
-13	1	3	46.24	2.58
-13	1	4	45.97	2.71
-13	1	5	10.89	2.11
-13	3	-7	6.81	3.08
-13	3	-6	2.50	2.91
-13	3	-5	23.81	2.64
-13	3	-4	365.19	15.67
-13	3	-3	144.72	6.50
-13	3	-2	276.89	11.32
-13	3	-1	190.99	9.12
-13	3	0	104.65	4.09
-13	3	1	72.25	4.93
-13	3	2	58.83	3.22
-13	3	3	44.62	2.40

-13	3	4	305.20	20.27
-13	5	-6	91.39	10.32
-13	5	-5	27.77	4.43
-13	5	-4	-1.21	2.62
-13	5	-3	162.31	9.94
-13	5	-2	70.39	3.69
-13	5	-1	92.54	4.62
-13	5	0	292.41	17.44
-13	5	1	129.96	7.52
-13	5	2	21.34	3.97
-13	5	3	26.94	3.22
-13	5	4	58.98	7.53
-13	7	-5	9.42	6.32
-13	7	-4	10.37	3.86
-13	7	-3	39.94	4.55
-13	7	-2	6.30	1.31
-13	7	-1	7.02	1.91
-13	7	0	54.46	5.46
-13	7	1	13.03	3.18
-13	7	2	50.13	6.09
-13	7	3	60.84	9.52
-13	7	4	25.00	4.40
-13	7	5	9.00	3.90
-13	9	-2	-0.20	3.92
-13	9	-1	13.40	5.71
-13	9	0	7.29	5.08
-13	9	1	16.89	6.99
-13	9	2	6.10	3.70
-12	-8	-4	16.48	5.20
-12	-8	-3	41.47	6.18
-12	-8	-2	32.15	3.63
-12	-8	-1	49.84	3.81
-12	-8	0	19.71	1.78
-12	-8	1	202.78	11.68
-12	-8	2	3.80	1.72
-12	-8	3	48.44	4.18
-12	-8	4	6.71	2.18
-12	-6	-6	22.18	3.86
-12	-6	-5	68.23	4.96
-12	-6	-4	21.53	2.78
-12	-6	-3	102.21	5.46
-12	-6	-2	4.58	0.90
-12	-6	-1	9.00	3.90
-12	-6	0	247.75	13.22
-12	-6	1	283.92	14.15
-12	-6	2	4.28	1.90
-12	-6	3	31.70	4.05
-12	-6	4	1.69	2.99
-12	-6	5	25.91	4.89
-12	-6	6	17.72	9.94
-12	-4	-7	-4.28	2.82
-12	-4	-6	9.42	3.01
-12	-4	-5	134.33	8.81
-12	-4	-4	829.44	23.62
-12	-4	-3	1704.04	57.79
-12	-4	-2	1897.47	105.42
-12	-4	-1	308.00	13.34
-12	-4	0	96.43	8.84
-12	-4	1	53.29	8.03
-12	-4	2	415.75	22.02
-12	-4	3	23.52	1.84
-12	-4	4	18.23	3.93
-12	-4	5	155.50	10.23
-12	-4	6	62.73	15.36

-12	-4	7	25.30	6.04
-12	-2	-7	3.20	2.90
-12	-2	-6	42.90	3.80
-12	-2	-5	5.02	1.12
-12	-2	-4	70.56	2.35
-12	-2	-3	135.96	4.20
-12	-2	-2	563.59	15.19
-12	-2	-1	55.80	3.73
-12	-2	0	309.06	10.55
-12	-2	1	160.28	8.61
-12	-2	2	177.96	13.07
-12	-2	3	136.19	7.70
-12	-2	4	29.16	3.02
-12	-2	5	1.49	2.88
-12	-2	6	34.22	4.21
-12	-2	7	6.40	2.88
-12	0	-7	-2.89	3.09
-12	0	-6	58.37	3.36
-12	0	-5	1.39	0.99
-12	0	-4	28.62	1.71
-12	0	-3	-0.40	0.69
-12	0	-2	149.82	6.61
-12	0	-1	-1.21	0.59
-12	0	0	1428.84	43.09
-12	0	1	-0.30	0.61
-12	0	2	1110.89	42.00
-12	0	3	-0.30	1.21
-12	0	4	237.47	11.71
-12	0	5	1.49	1.78
-12	0	6	23.14	3.17
-12	2	-7	7.40	3.10
-12	2	-6	41.09	3.46
-12	2	-5	4.20	1.39
-12	2	-4	71.91	3.22
-12	2	-3	135.26	5.12
-12	2	-2	546.62	14.50
-12	2	-1	53.58	2.49
-12	2	0	302.06	11.12
-12	2	1	159.01	4.79
-12	2	2	173.98	6.33
-12	2	3	138.53	5.41
-12	2	4	27.56	2.20
-12	2	5	1.59	1.79
-12	4	-7	6.71	4.30
-12	4	-6	4.41	3.11
-12	4	-5	120.56	7.25
-12	4	-4	842.16	33.66
-12	4	-3	1642.68	67.28
-12	4	-2	1826.71	58.13
-12	4	-1	302.76	12.53
-12	4	0	98.21	3.57
-12	4	1	42.64	4.83
-12	4	2	416.16	19.18
-12	4	3	22.00	2.16
-12	4	4	17.89	2.03
-12	6	-6	23.43	6.49
-12	6	-5	76.56	13.83
-12	6	-4	16.73	2.54
-12	6	-3	112.36	6.15
-12	6	-2	3.61	1.29
-12	6	-1	8.58	1.88
-12	6	0	236.54	9.84
-12	6	1	257.92	26.02
-12	6	2	5.38	2.69

-12	6	3	28.41	3.84
-12	6	4	7.51	2.90
-12	6	5	30.25	4.73
-12	8	-4	18.23	4.10
-12	8	-3	49.56	9.43
-12	8	-2	44.09	5.71
-12	8	-1	57.15	3.93
-12	8	0	27.46	4.40
-12	8	1	189.89	13.23
-12	8	2	-0.59	5.37
-12	8	3	58.68	5.36
-12	8	4	8.58	3.28
-11	-9	-3	21.90	5.90
-11	-9	-1	8.18	1.77
-11	-9	0	3.69	2.50
-11	-9	1	6.30	2.21
-11	-9	2	7.78	3.91
-11	-9	3	13.91	2.39
-11	-9	4	2.50	2.59
-11	-7	-5	6.71	3.21
-11	-7	-3	2.89	1.09
-11	-7	-2	17.98	2.12
-11	-7	-1	99.20	5.98
-11	-7	0	88.92	3.58
-11	-7	1	13.69	1.48
-11	-7	2	16.56	2.93
-11	-7	3	-1.30	2.19
-11	-7	4	32.15	3.86
-11	-7	5	13.99	2.62
-11	-7	6	35.05	4.14
-11	-5	-4	87.61	6.18
-11	-5	-3	31.25	1.57
-11	-5	-2	466.99	21.18
-11	-5	0	235.32	11.97
-11	-5	1	270.27	28.93
-11	-5	2	20.52	1.90
-11	-5	3	273.90	11.92
-11	-5	4	30.03	4.06
-11	-5	5	69.72	5.68
-11	-5	6	74.48	7.25
-11	-5	7	45.56	6.75
-11	-3	-7	-2.50	2.69
-11	-3	-6	6.10	2.82
-11	-3	-5	108.37	6.66
-11	-3	-4	8.12	0.68
-11	-3	-3	205.35	8.60
-11	-3	-2	69.56	2.50
-11	-3	-1	112.36	4.24
-11	-3	0	330.88	11.64
-11	-3	1	3.61	1.29
-11	-3	2	38.94	1.75
-11	-3	3	74.30	3.97
-11	-3	4	166.41	10.58
-11	-3	5	52.13	5.20
-11	-3	6	49.42	5.62
-11	-3	7	7.67	3.60
-11	-1	-7	21.07	4.41
-11	-1	-6	3.61	1.22
-11	-1	-5	9.18	0.79
-11	-1	-4	141.37	4.76
-11	-1	-3	46.51	2.05
-11	-1	-2	3.69	0.69
-11	-1	-1	86.49	4.28
-11	-1	0	50.27	1.56

-11	-1	1	224.40	8.39
-11	-1	2	89.11	3.78
-11	-1	3	3.88	1.50
-11	-1	4	17.98	1.53
-11	-1	5	20.07	2.06
-11	-1	6	17.39	3.17
-11	1	-7	23.23	3.47
-11	1	-6	6.81	1.72
-11	1	-5	8.12	1.20
-11	1	-4	134.56	4.41
-11	1	-3	46.24	2.04
-11	1	-2	2.31	0.70
-11	1	-1	84.27	3.67
-11	1	0	53.88	2.06
-11	1	1	231.95	7.31
-11	1	2	83.36	2.92
-11	1	3	6.81	1.62
-11	1	4	14.98	2.32
-11	1	5	20.61	1.73
-11	1	6	5.62	3.70
-11	3	-7	3.20	2.61
-11	3	-6	1.69	1.90
-11	3	-5	114.28	5.34
-11	3	-4	11.49	1.63
-11	3	-3	201.36	9.08
-11	3	-2	66.42	2.93
-11	3	-1	108.99	3.55
-11	3	0	330.15	10.18
-11	3	1	4.20	0.90
-11	3	2	39.69	1.64
-11	3	3	70.22	3.18
-11	3	4	166.93	13.44
-11	3	5	50.41	4.97
-11	5	-6	103.02	9.54
-11	5	-5	187.14	12.31
-11	5	-4	94.28	5.63
-11	5	-3	33.18	1.96
-11	5	-2	468.29	16.45
-11	5	-1	34.69	2.59
-11	5	0	232.26	10.06
-11	5	1	266.34	9.79
-11	5	2	18.49	1.72
-11	5	3	311.52	12.00
-11	5	4	19.27	2.37
-11	7	-5	7.90	4.72
-11	7	-4	8.29	2.71
-11	7	-3	5.02	1.88
-11	7	-2	14.67	2.99
-11	7	-1	103.84	5.91
-11	7	0	117.51	11.71
-11	7	1	16.08	3.53
-11	7	2	16.81	2.46
-11	7	3	0.00	1.00
-11	7	4	21.07	4.59
-11	7	5	27.98	5.92
-11	9	-3	23.04	6.91
-11	9	-2	11.09	5.33
-11	9	-1	32.15	44.57
-11	9	0	9.92	4.73
-11	9	1	1.00	3.40
-11	9	2	13.40	4.03
-11	9	3	15.21	4.84
-11	9	4	1.39	3.99
-10	-10	-2	6.00	2.79

-10	-10	-1	13.40	2.71
-10	-10	0	15.76	2.46
-10	-10	1	12.53	3.89
-10	-10	2	8.70	3.72
-10	-8	-5	1.49	2.68
-10	-8	-4	5.29	2.81
-10	-8	-3	9.12	2.78
-10	-8	-2	5.81	1.40
-10	-8	-1	356.83	20.02
-10	-8	0	50.41	3.69
-10	-8	1	242.74	10.28
-10	-8	2	13.47	2.13
-10	-8	3	52.13	3.03
-10	-8	4	29.38	3.14
-10	-8	5	27.88	2.85
-10	-6	-6	3.31	2.80
-10	-6	-5	99.40	6.18
-10	-6	-4	13.47	2.57
-10	-6	-3	357.59	14.75
-10	-6	-2	124.32	9.59
-10	-6	-1	18.66	1.21
-10	-6	0	24.80	2.69
-10	-6	1	8.18	1.77
-10	-6	2	27.88	2.53
-10	-6	4	14.36	2.88
-10	-6	6	9.49	3.02
-10	-6	7	3.39	2.61
-10	-4	-7	9.12	3.02
-10	-4	-6	418.20	18.81
-10	-4	-5	306.60	19.26
-10	-4	-4	2047.56	105.88
-10	-4	-3	287.64	10.85
-10	-4	-2	3.10	0.92
-10	-4	-1	27.98	10.16
-10	-4	0	720.39	52.61
-10	-4	1	847.39	44.83
-10	-4	2	34.57	2.12
-10	-4	3	571.69	26.30
-10	-4	4	445.21	37.56
-10	-4	5	64.00	5.76
-10	-4	6	22.94	5.46
-10	-4	7	93.90	9.88
-10	-2	-8	13.40	4.39
-10	-2	-7	2.89	3.40
-10	-2	-6	73.79	3.44
-10	-2	-5	9.30	0.98
-10	-2	-4	626.00	18.51
-10	-2	-3	65.12	2.58
-10	-2	-2	394.82	10.33
-10	-2	-1	86.12	4.27
-10	-2	0	663.06	42.23
-10	-2	1	127.69	4.97
-10	-2	2	20.88	1.55
-10	-2	3	78.85	3.02
-10	-2	4	172.92	6.84
-10	-2	5	20.34	1.62
-10	-2	6	10.18	2.42
-10	0	-7	1.80	2.09
-10	0	-6	2.89	1.50
-10	0	-5	0.40	1.30
-10	0	-4	127.24	4.29
-10	0	-3	-0.10	0.61
-10	0	-2	1143.12	29.75
-10	0	-1	0.00	1.00

-10	0	0	3233.06	89.84
-10	0	1	-1.00	0.60
-10	0	2	901.80	31.83
-10	0	3	1.49	1.20
-10	0	4	23.91	1.66
-10	0	5	0.79	1.00
-10	0	6	523.49	47.13
-10	2	-8	14.36	4.09
-10	2	-7	4.00	2.60
-10	2	-6	67.57	4.60
-10	2	-5	8.01	1.19
-10	2	-4	649.74	24.98
-10	2	-3	63.68	2.55
-10	2	-2	369.41	11.53
-10	2	-1	85.93	3.15
-10	2	0	660.49	16.45
-10	2	1	122.99	3.99
-10	2	2	18.84	1.13
-10	2	3	80.10	3.22
-10	2	4	166.93	9.04
-10	2	5	25.91	3.16
-10	2	6	8.41	2.73
-10	4	-7	8.18	3.78
-10	4	-6	448.17	26.25
-10	4	-5	304.50	13.26
-10	4	-4	2042.14	77.73
-10	4	-3	280.23	10.38
-10	4	-2	0.20	1.11
-10	4	-1	23.81	7.81
-10	4	0	694.85	24.25
-10	4	1	802.02	30.02
-10	4	2	38.81	3.36
-10	4	3	571.69	23.91
-10	4	4	522.12	27.42
-10	4	5	53.44	6.29
-10	4	6	13.18	2.40
-10	6	-6	2.89	4.08
-10	6	-5	105.47	7.60
-10	6	-4	16.16	2.49
-10	6	-3	370.56	16.17
-10	6	-2	115.78	5.38
-10	6	-1	20.07	1.43
-10	6	0	31.81	1.80
-10	6	1	7.02	1.59
-10	6	2	28.52	2.46
-10	6	3	29.27	2.49
-10	6	4	21.34	2.77
-10	8	-5	9.67	4.60
-10	8	-4	6.50	6.02
-10	8	-3	9.12	3.50
-10	8	-2	9.80	3.32
-10	8	-1	383.77	19.59
-10	8	0	55.20	6.24
-10	8	1	249.32	23.05
-10	8	2	19.98	3.22
-10	8	3	35.76	6.34
-10	8	4	31.92	5.54
-10	8	5	44.09	17.93
-10	10	-2	10.82	4.41
-10	10	-1	22.56	9.40
-10	10	0	29.16	14.04
-10	10	1	16.56	4.48
-10	10	2	12.39	5.77
-9	-9	-4	1.21	2.62

-9	-9	-2	1.69	1.51
-9	-9	-1	14.52	1.83
-9	-9	0	21.34	1.85
-9	-9	1	16.32	2.42
-9	-9	2	1.90	2.29
-9	-9	3	6.50	2.60
-9	-9	4	6.40	2.78
-9	-7	-6	4.00	2.60
-9	-7	-5	18.84	3.21
-9	-7	-3	44.09	2.79
-9	-7	-2	73.10	4.62
-9	-7	-1	18.92	1.39
-9	-7	0	81.72	4.34
-9	-7	1	39.19	2.25
-9	-7	2	9.99	1.39
-9	-7	3	6.50	1.27
-9	-7	4	27.56	2.41
-9	-7	5	68.56	4.64
-9	-7	6	106.71	6.61
-9	-5	-7	25.00	4.50
-9	-5	-6	55.50	4.17
-9	-5	-5	19.98	2.86
-9	-5	-4	207.94	13.27
-9	-5	-3	186.60	7.38
-9	-5	-2	18.58	1.81
-9	-5	-1	153.26	10.15
-9	-5	0	43.96	2.25
-9	-5	1	350.81	20.60
-9	-5	2	93.90	8.91
-9	-5	3	98.21	5.15
-9	-5	4	431.39	31.16
-9	-5	5	2.19	2.60
-9	-5	6	3.50	2.81
-9	-5	7	22.18	40.60
-9	-3	-8	5.62	3.79
-9	-3	-7	74.30	8.62
-9	-3	-6	223.80	11.67
-9	-3	-5	94.48	6.42
-9	-3	-4	5.29	1.89
-9	-3	-3	103.84	4.28
-9	-3	-2	149.33	6.11
-9	-3	-1	89.30	6.80
-9	-3	0	1163.49	75.04
-9	-3	1	406.83	19.77
-9	-3	2	498.18	20.98
-9	-3	3	144.24	5.28
-9	-3	4	49.70	2.96
-9	-3	5	9.61	2.11
-9	-3	6	287.64	23.40
-9	-1	-6	20.79	2.10
-9	-1	-5	9.30	1.10
-9	-1	-4	22.00	1.03
-9	-1	-3	174.77	4.76
-9	-1	-2	277.56	7.66
-9	-1	-1	134.33	4.17
-9	-1	0	152.52	5.93
-9	-1	1	68.72	4.48
-9	-1	2	293.09	11.64
-9	-1	3	137.59	5.86
-9	-1	4	124.10	4.23
-9	-1	5	53.73	2.49
-9	-1	6	90.25	5.32
-9	1	-7	7.29	2.32
-9	1	-6	19.01	6.98

-9	1	-5	9.99	1.39
-9	1	-4	21.07	1.47
-9	1	-3	176.09	5.84
-9	1	-2	286.62	7.11
-9	1	-1	134.79	3.48
-9	1	0	157.50	5.77
-9	1	1	68.06	2.64
-9	1	2	296.53	8.27
-9	1	3	146.17	7.25
-9	1	4	130.42	6.85
-9	1	5	57.61	4.40
-9	1	6	103.43	7.53
-9	1	7	28.20	3.40
-9	3	-8	8.01	3.51
-9	3	-7	64.64	5.63
-9	3	-6	209.09	13.88
-9	3	-5	88.36	5.26
-9	3	-4	6.60	1.39
-9	3	-3	95.26	4.68
-9	3	-2	135.72	6.06
-9	3	-1	84.27	5.51
-9	3	0	1195.08	33.88
-9	3	1	390.85	13.05
-9	3	2	494.62	17.35
-9	3	3	144.24	5.76
-9	3	4	53.73	3.08
-9	3	5	9.67	1.80
-9	3	6	277.89	30.34
-9	3	7	6.50	2.29
-9	5	-7	21.34	4.34
-9	5	-6	49.14	5.33
-9	5	-5	16.48	2.92
-9	5	-4	203.63	9.70
-9	5	-3	186.60	7.92
-9	5	-2	15.60	1.74
-9	5	-1	147.62	7.78
-9	5	0	47.06	1.92
-9	5	1	344.10	12.24
-9	5	2	95.84	5.09
-9	5	3	98.60	3.97
-9	5	4	437.65	20.08
-9	5	5	1.99	1.69
-9	5	6	6.00	2.60
-9	7	-6	-2.19	3.11
-9	7	-5	14.59	4.51
-9	7	-4	10.63	2.48
-9	7	-3	43.43	3.56
-9	7	-2	74.48	5.18
-9	7	-1	21.90	1.78
-9	7	1	39.56	4.28
-9	7	2	10.89	2.51
-9	7	3	-0.10	2.33
-9	7	4	24.70	5.07
-9	7	5	82.08	7.25
-9	9	-4	2.40	3.69
-9	9	-3	8.12	3.82
-9	9	-1	14.06	3.53
-9	9	0	29.92	4.38
-9	9	1	30.25	7.59
-9	9	2	1.10	2.60
-9	9	3	10.18	7.72
-9	9	4	4.20	3.69
-8	-10	-3	11.63	3.48
-8	-10	-2	11.02	3.12

-8	-10	-1	9.00	3.30
-8	-10	0	29.05	3.67
-8	-10	1	7.08	2.29
-8	-10	2	15.37	2.59
-8	-10	3	0.79	2.08
-8	-8	-4	12.32	3.09
-8	-8	-3	166.93	7.75
-8	-8	-2	60.06	6.04
-8	-8	-1	192.10	8.59
-8	-8	0	61.47	3.76
-8	-8	1	88.92	3.96
-8	-8	2	11.02	1.59
-8	-8	3	37.70	2.95
-8	-8	4	23.91	2.44
-8	-8	5	417.38	24.52
-8	-6	-7	11.42	2.97
-8	-6	-6	3.88	2.40
-8	-6	-5	93.32	5.80
-8	-6	-4	85.93	3.15
-8	-6	-3	431.39	20.35
-8	-6	-2	239.01	11.13
-8	-6	-1	117.94	4.78
-8	-6	0	19.62	1.06
-8	-6	1	37.21	2.32
-8	-6	2	55.95	3.59
-8	-6	3	556.49	26.42
-8	-6	4	4.80	2.50
-8	-6	5	24.70	2.29
-8	-6	6	18.92	2.78
-8	-6	7	0.00	1.00
-8	-4	-7	340.03	21.76
-8	-4	-6	874.98	45.55
-8	-4	-5	742.02	38.14
-8	-4	-4	156.25	9.00
-8	-4	-3	179.56	5.63
-8	-4	-2	58.22	3.05
-8	-4	-1	442.26	18.93
-8	-4	0	167.18	9.57
-8	-4	1	183.60	7.59
-8	-4	2	1353.50	50.77
-8	-4	3	109.20	6.48
-8	-4	4	12.53	1.49
-8	-4	5	5.11	1.99
-8	-4	6	15.29	3.36
-8	-2	-8	3.88	3.31
-8	-2	-7	22.28	5.00
-8	-2	-6	112.15	4.87
-8	-2	-5	29.38	1.84
-8	-2	-4	1.39	0.59
-8	-2	-3	304.15	8.37
-8	-2	-2	390.06	12.24
-8	-2	-1	243.36	12.17
-8	-2	0	102.41	3.64
-8	-2	1	392.04	15.05
-8	-2	2	143.04	6.70
-8	-2	3	44.09	2.26
-8	-2	4	29.70	2.18
-8	-2	5	60.22	4.19
-8	-2	6	2.31	1.31
-8	0	-7	-0.10	1.82
-8	0	-6	43.03	3.41
-8	0	-5	-0.10	1.22
-8	0	-4	95.84	3.52
-8	0	-3	-0.30	0.51

-8	0	-2	5547.27	207.05
-8	0	-1	-0.10	0.61
-8	0	0	2143.69	83.34
-8	0	1	0.20	0.91
-8	0	2	29.81	1.53
-8	0	3	0.40	1.10
-8	0	4	1130.30	72.62
-8	0	5	1.49	1.00
-8	0	6	1043.29	81.40
-8	0	7	2.31	2.22
-8	2	-8	9.49	2.90
-8	2	-7	21.53	2.97
-8	2	-6	106.50	8.26
-8	2	-5	24.11	1.96
-8	2	-4	1.69	0.91
-8	2	-3	289.34	8.85
-8	2	-2	398.40	16.37
-8	2	-1	225.00	6.90
-8	2	0	113.42	3.19
-8	2	1	383.38	14.88
-8	2	2	134.79	6.04
-8	2	3	42.38	1.56
-8	2	4	26.11	2.25
-8	2	5	65.29	5.33
-8	2	6	0.79	1.39
-8	2	7	7.67	2.88
-8	4	-7	343.73	30.41
-8	4	-6	853.22	57.25
-8	4	-5	752.40	32.37
-8	4	-4	131.10	5.27
-8	4	-3	180.36	6.45
-8	4	-2	62.73	3.17
-8	4	-1	445.21	17.30
-8	4	0	166.67	5.42
-8	4	1	197.96	11.82
-8	4	2	1358.66	56.76
-8	4	3	116.42	5.61
-8	4	4	17.81	1.69
-8	4	5	3.20	1.40
-8	4	6	7.08	2.07
-8	4	7	45.56	6.07
-8	6	-7	7.67	5.26
-8	6	-6	5.20	4.29
-8	6	-5	86.49	7.81
-8	6	-4	85.38	6.28
-8	6	-3	431.81	15.38
-8	6	-2	257.28	8.34
-8	6	-1	125.89	5.61
-8	6	0	20.43	1.63
-8	6	1	38.56	4.22
-8	6	2	49.84	2.97
-8	6	3	540.10	26.49
-8	6	4	4.49	1.91
-8	6	5	29.48	3.80
-8	6	6	15.13	3.11
-8	8	-5	8.01	3.91
-8	8	-4	17.14	4.47
-8	8	-3	162.56	9.18
-8	8	-2	72.76	5.63
-8	8	-1	199.37	12.43
-8	8	0	72.08	4.08
-8	8	1	90.25	7.41
-8	8	2	6.20	2.79
-8	8	3	36.12	4.57

-8	8	4	20.98	3.30
-8	8	5	438.06	25.95
-8	10	-3	30.91	7.34
-8	10	-2	11.83	4.88
-8	10	-1	11.29	3.83
-8	10	0	23.62	4.37
-8	10	1	11.63	3.68
-8	10	3	5.81	4.10
-7	-9	-4	3.39	2.28
-7	-9	-2	14.82	1.39
-7	-9	-1	15.92	2.39
-7	-9	0	13.62	1.48
-7	-9	1	121.00	5.72
-7	-9	2	37.33	2.93
-7	-9	3	0.79	1.69
-7	-9	4	2.10	2.70
-7	-9	5	58.22	4.88
-7	-7	-6	15.60	2.77
-7	-7	-5	8.53	2.28
-7	-7	-4	113.21	7.87
-7	-7	-3	40.58	2.29
-7	-7	-2	16.73	1.39
-7	-7	-1	27.67	1.47
-7	-7	0	83.17	3.28
-7	-7	1	9.00	1.32
-7	-7	2	51.55	3.73
-7	-7	3	69.72	4.01
-7	-7	4	269.94	11.83
-7	-7	5	67.73	3.79
-7	-7	6	29.38	3.14
-7	-5	-7	1.39	2.50
-7	-5	-6	32.38	2.85
-7	-5	-5	34.46	2.93
-7	-5	-4	58.52	3.37
-7	-5	-3	62.57	5.06
-7	-5	-2	306.60	12.26
-7	-5	-1	17.14	0.99
-7	-5	0	68.06	2.64
-7	-5	1	46.51	2.05
-7	-5	2	291.04	15.70
-7	-5	3	27.25	2.19
-7	-5	4	250.27	11.71
-7	-5	5	36.36	4.22
-7	-5	6	22.75	3.24
-7	-5	7	9.67	4.17
-7	-3	-8	18.66	4.49
-7	-3	-7	87.24	8.22
-7	-3	-6	203.06	12.26
-7	-3	-5	245.86	13.17
-7	-3	-4	8.82	1.60
-7	-3	-3	31.81	1.02
-7	-3	-2	178.49	5.61
-7	-3	0	3592.80	175.02
-7	-3	1	32.38	2.28
-7	-3	2	317.55	12.12
-7	-3	3	99.80	3.80
-7	-3	4	159.52	7.07
-7	-3	5	30.91	2.22
-7	-3	6	88.17	6.01
-7	-1	-7	6.60	2.21
-7	-1	-6	44.36	4.13
-7	-1	-5	2.31	0.91
-7	-1	-4	24.30	1.87
-7	-1	-3	119.25	2.84

-7	-1	-2	189.34	5.50
-7	-1	-1	141.85	4.29
-7	-1	0	138.53	5.18
-7	-1	1	17.72	1.94
-7	-1	2	65.77	2.11
-7	-1	3	601.23	16.18
-7	-1	4	245.24	7.83
-7	-1	5	209.67	6.37
-7	-1	6	97.22	6.70
-7	-1	7	54.02	8.67
-7	1	-8	1.59	2.39
-7	1	-7	3.80	1.99
-7	1	-6	46.24	3.54
-7	1	-5	2.79	1.30
-7	1	-4	24.90	1.60
-7	1	-3	122.10	4.42
-7	1	-2	179.29	6.96
-7	1	-1	144.48	4.33
-7	1	0	140.90	4.99
-7	1	1	17.64	2.27
-7	1	2	67.90	2.14
-7	1	3	599.76	25.47
-7	1	4	250.91	9.82
-7	1	5	207.07	15.25
-7	1	6	104.04	6.32
-7	1	7	56.55	6.77
-7	1	8	34.11	4.32
-7	3	-8	22.00	5.07
-7	3	-7	86.68	7.26
-7	3	-6	197.12	10.11
-7	3	-5	253.13	11.46
-7	3	-4	10.50	1.23
-7	3	-3	37.45	1.71
-7	3	-2	176.09	5.57
-7	3	-1	283.59	8.76
-7	3	0	3433.96	128.92
-7	3	1	38.81	5.36
-7	3	2	321.13	13.62
-7	3	3	103.43	3.86
-7	3	4	160.78	11.41
-7	3	5	28.09	2.33
-7	3	6	87.61	8.05
-7	3	7	19.98	2.41
-7	5	-7	-2.10	3.10
-7	5	-6	41.34	3.99
-7	5	-5	36.24	2.77
-7	5	-4	63.04	2.86
-7	5	-3	63.04	2.86
-7	5	-2	330.15	11.63
-7	5	-1	17.47	1.09
-7	5	0	68.06	2.97
-7	5	1	45.56	2.03
-7	5	2	290.70	11.25
-7	5	3	26.21	1.74
-7	5	4	262.44	12.64
-7	5	5	39.31	4.26
-7	5	6	20.07	3.14
-7	7	-6	22.94	4.69
-7	7	-5	12.67	3.70
-7	7	-4	122.10	7.74
-7	7	-3	43.16	4.20
-7	7	-2	13.99	2.69
-7	7	-1	26.83	2.18
-7	7	0	80.82	4.49

-7	7	1	7.51	1.81
-7	7	2	48.16	3.05
-7	7	3	63.20	3.66
-7	7	4	248.38	18.28
-7	7	5	71.06	3.88
-7	9	-4	-0.71	3.71
-7	9	-3	-0.59	1.99
-7	9	-2	16.16	2.73
-7	9	-1	16.16	2.01
-7	9	0	14.36	4.62
-7	9	1	126.34	9.22
-7	9	2	51.27	5.58
-7	9	3	-0.30	2.41
-7	9	4	1.00	3.10
-6	-10	-2	11.83	1.93
-6	-10	-1	2.31	1.49
-6	-10	0	18.49	3.70
-6	-10	1	30.69	4.54
-6	-10	2	10.50	2.27
-6	-10	3	24.21	3.15
-6	-8	-6	33.52	4.98
-6	-8	-5	36.97	5.59
-6	-8	-3	447.32	22.00
-6	-8	-2	9.92	1.01
-6	-8	-1	192.93	8.89
-6	-8	0	17.81	1.77
-6	-8	1	16.97	1.90
-6	-8	2	35.88	2.52
-6	-8	3	371.33	15.03
-6	-8	4	43.56	3.17
-6	-8	5	460.96	24.48
-6	-8	6	47.47	5.10
-6	-6	-7	24.11	4.03
-6	-6	-6	6.60	2.42
-6	-6	-5	22.18	2.73
-6	-6	-4	308.70	11.95
-6	-6	-3	114.92	4.72
-6	-6	-2	43.82	1.85
-6	-6	-1	70.56	3.70
-6	-6	0	2.19	0.71
-6	-6	1	176.09	5.84
-6	-6	2	29.05	1.62
-6	-6	3	240.56	9.31
-6	-6	4	259.21	10.95
-6	-6	5	17.14	2.24
-6	-6	6	4.88	3.18
-6	-6	7	0.90	3.71
-6	-4	-8	239.63	31.27
-6	-4	-7	178.22	15.22
-6	-4	-6	269.94	13.80
-6	-4	-5	83.54	7.13
-6	-4	-4	34.11	3.27
-6	-4	-3	164.61	6.93
-6	-4	-2	320.05	10.73
-6	-4	-1	859.66	55.12
-6	-4	0	1976.69	88.03
-6	-4	1	2264.81	75.19
-6	-4	2	538.70	19.03
-6	-4	3	171.87	7.08
-6	-4	4	77.97	3.89
-6	-4	5	6.92	1.53
-6	-4	6	24.11	4.03
-6	-4	8	60.06	6.51
-6	-2	-6	204.78	13.45

-6	-2	-5	10.82	0.99
-6	-2	-4	290.36	8.86
-6	-2	-3	103.84	3.46
-6	-2	-2	87.05	2.99
-6	-2	-1	263.74	14.94
-6	-2	0	982.82	38.25
-6	-2	1	1094.29	41.02
-6	-2	2	369.02	12.29
-6	-2	3	173.19	6.58
-6	-2	4	219.63	10.08
-6	-2	5	45.43	2.97
-6	-2	6	98.60	8.94
-6	0	-7	1.00	1.70
-6	0	-6	11.90	1.93
-6	0	-5	0.30	1.21
-6	0	-4	4096.00	161.28
-6	0	-3	-0.10	0.51
-6	0	-2	2093.06	83.26
-6	0	-1	0.00	1.00
-6	0	0	929.64	29.27
-6	0	1	1.10	0.50
-6	0	2	229.22	9.08
-6	0	3	-0.10	0.61
-6	0	5	0.40	1.00
-6	0	6	756.80	29.16
-6	0	7	0.40	1.30
-6	0	8	8.88	2.98
-6	2	-8	25.40	4.64
-6	2	-7	30.91	3.78
-6	2	-6	204.20	14.00
-6	2	-5	13.47	1.69
-6	2	-4	305.55	10.14
-6	2	-3	105.47	3.90
-6	2	-2	93.51	3.29
-6	2	-1	291.73	20.84
-6	2	0	992.88	33.40
-6	2	1	1136.36	43.15
-6	2	2	368.64	11.52
-6	2	3	180.63	9.95
-6	2	4	227.71	10.26
-6	2	5	43.56	3.96
-6	2	6	111.72	12.05
-6	2	7	101.00	9.65
-6	2	8	11.02	2.92
-6	4	-8	252.17	27.00
-6	4	-7	182.52	12.16
-6	4	-6	252.81	14.31
-6	4	-5	82.99	3.83
-6	4	-4	36.36	1.81
-6	4	-3	164.35	4.87
-6	4	-2	311.52	9.18
-6	4	-1	876.16	52.69
-6	4	0	1953.64	78.68
-6	4	1	2298.24	105.47
-6	4	2	526.24	21.56
-6	4	3	163.33	6.13
-6	4	4	83.54	3.47
-6	4	5	3.80	1.21
-6	4	6	20.88	2.29
-6	4	7	103.43	14.85
-6	6	-7	45.16	6.05
-6	6	-6	5.29	3.31
-6	6	-5	24.60	3.67
-6	6	-4	301.02	16.31

-6	6	-3	118.37	4.35
-6	6	-2	41.09	2.95
-6	6	-1	68.89	3.15
-6	6	0	3.39	1.58
-6	6	1	191.27	8.85
-6	6	2	24.50	1.68
-6	6	3	249.32	9.79
-6	6	4	252.81	12.40
-6	6	5	18.32	2.74
-6	6	6	-1.00	1.80
-6	8	-6	40.96	5.63
-6	8	-5	46.79	6.43
-6	8	-4	44.09	4.65
-6	8	-3	455.40	32.86
-6	8	-2	16.89	2.96
-6	8	-1	211.12	9.01
-6	8	0	22.00	2.63
-6	8	1	16.97	1.57
-6	8	2	36.24	3.85
-6	8	3	354.19	13.55
-6	8	4	42.90	3.28
-6	8	5	469.59	29.90
-6	10	-3	26.11	7.05
-6	10	-2	12.39	3.87
-6	10	-1	1.90	4.00
-6	10	0	17.98	3.99
-6	10	1	30.25	4.95
-6	10	2	13.40	3.81
-6	10	3	30.91	5.78
-5	-11	-1	23.23	2.89
-5	-11	0	14.59	2.29
-5	-11	1	3.20	1.72
-5	-9	-4	-0.30	1.61
-5	-9	-3	2.50	1.61
-5	-9	-2	-0.10	1.92
-5	-9	-1	107.12	5.18
-5	-9	0	52.71	2.76
-5	-9	1	22.47	2.46
-5	-9	2	13.40	2.49
-5	-9	3	15.60	2.37
-5	-9	4	14.90	2.32
-5	-9	5	7.78	2.40
-5	-7	-6	-0.50	2.41
-5	-7	-5	19.10	2.80
-5	-7	-4	34.46	2.35
-5	-7	-3	72.08	3.91
-5	-7	-2	229.52	7.88
-5	-7	-1	10.11	1.21
-5	-7	0	49.42	2.11
-5	-7	1	66.10	2.60
-5	-7	2	550.84	18.78
-5	-7	3	413.72	13.83
-5	-7	4	286.96	16.94
-5	-7	5	81.90	4.16
-5	-7	6	-0.20	2.11
-5	-7	7	16.89	5.92
-5	-5	-7	23.91	4.50
-5	-5	-6	42.38	3.91
-5	-5	-5	4.80	2.19
-5	-5	-4	154.75	8.96
-5	-5	-3	98.41	3.97
-5	-5	-2	88.92	3.02
-5	-5	-1	378.69	11.29
-5	-5	0	335.62	9.16

-5	-5	1	86.86	4.85
-5	-5	2	114.06	3.63
-5	-5	3	107.54	3.32
-5	-5	4	6.71	1.29
-5	-5	5	55.65	3.13
-5	-5	6	39.82	3.28
-5	-5	7	17.31	4.08
-5	-5	8	14.36	2.80
-5	-3	-8	14.06	3.53
-5	-3	-7	75.17	5.03
-5	-3	-6	113.42	7.88
-5	-3	-5	3.50	1.50
-5	-3	-4	106.09	7.62
-5	-3	-3	46.65	2.73
-5	-3	-2	5.62	0.62
-5	-3	-1	482.68	23.73
-5	-3	0	334.89	11.35
-5	-3	1	1069.94	44.49
-5	-3	2	203.06	6.56
-5	-3	3	13.18	1.38
-5	-3	4	163.84	8.45
-5	-3	5	4.08	1.70
-5	-3	6	8.82	4.10
-5	-3	8	3.88	2.88
-5	-1	-7	8.12	1.48
-5	-1	-6	25.30	2.21
-5	-1	-5	35.16	2.25
-5	-1	-4	11.42	1.01
-5	-1	-3	971.57	26.81
-5	-1	-2	130.64	3.66
-5	-1	-1	124.10	3.79
-5	-1	0	3419.91	128.66
-5	-1	1	134.10	5.10
-5	-1	2	175.30	6.62
-5	-1	3	523.49	22.88
-5	-1	4	583.22	20.77
-5	-1	5	119.68	8.10
-5	-1	6	430.98	17.85
-5	-1	7	43.56	3.96
-5	-1	8	5.38	3.02
-5	1	-8	6.20	2.69
-5	1	-7	12.11	2.30
-5	1	-6	24.30	2.17
-5	1	-5	26.94	1.97
-5	1	-4	14.82	1.69
-5	1	-3	980.32	37.57
-5	1	-2	132.25	4.37
-5	1	-1	117.72	4.56
-5	1	0	3422.25	124.02
-5	1	1	135.49	5.35
-5	1	2	179.29	5.62
-5	1	3	514.38	21.77
-5	1	4	602.21	41.72
-5	1	5	125.89	7.41
-5	1	6	424.36	29.25
-5	1	7	48.72	5.58
-5	1	8	9.61	3.22
-5	3	-8	14.82	2.69
-5	3	-7	79.74	6.25
-5	3	-6	135.72	10.95
-5	3	-5	10.18	1.47
-5	3	-4	112.36	3.60
-5	3	-3	48.86	2.24
-5	3	-2	4.88	1.02

-5	3	-1	454.12	18.75
-5	3	0	331.97	9.11
-5	3	1	1096.93	48.36
-5	3	2	197.40	7.31
-5	3	3	8.88	1.07
-5	3	4	160.28	15.45
-5	3	5	3.80	1.48
-5	3	6	7.62	1.71
-5	3	7	41.47	5.54
-5	5	-8	27.35	6.90
-5	5	-7	34.11	3.74
-5	5	-6	42.25	4.81
-5	5	-5	4.49	1.91
-5	5	-4	148.60	5.85
-5	5	-3	94.48	3.89
-5	5	-2	90.06	3.99
-5	5	-1	396.81	10.76
-5	5	0	330.15	13.45
-5	5	1	76.74	6.48
-5	5	2	114.92	4.93
-5	5	3	105.27	6.16
-5	5	4	9.49	1.17
-5	5	5	49.42	4.36
-5	5	6	31.25	3.24
-5	7	-6	8.82	3.68
-5	7	-5	20.70	3.37
-5	7	-4	29.48	3.58
-5	7	-3	81.72	6.33
-5	7	-2	225.30	11.41
-5	7	-1	10.30	1.28
-5	7	0	52.27	2.31
-5	7	1	71.57	3.05
-5	7	2	571.21	22.47
-5	7	3	430.15	20.33
-5	7	4	275.23	12.61
-5	7	5	66.42	6.52
-5	9	-5	17.98	4.58
-5	9	-4	-5.52	3.20
-5	9	-3	-0.30	2.11
-5	9	-2	4.08	2.59
-5	9	-1	117.07	7.14
-5	9	0	58.06	8.53
-5	9	1	30.58	2.65
-5	9	2	14.67	3.22
-5	9	3	19.71	3.46
-5	9	4	16.16	2.89
-5	11	-1	28.41	5.44
-5	11	0	19.18	4.91
-5	11	1	6.92	7.00
-4	-10	-2	26.42	4.11
-4	-10	-1	44.36	5.06
-4	-10	0	19.27	2.37
-4	-10	1	2.50	1.61
-4	-10	2	9.42	2.39
-4	-10	3	43.56	4.09
-4	-10	4	19.01	3.31
-4	-8	-4	103.63	5.50
-4	-8	-3	20.16	1.89
-4	-8	-2	5.38	0.88
-4	-8	-1	21.81	1.87
-4	-8	0	100.00	3.80
-4	-8	1	165.12	6.68
-4	-8	2	67.73	3.29
-4	-8	3	2031.30	80.22

-4	-8	4	70.73	4.37
-4	-8	5	309.76	19.01
-4	-8	6	15.60	4.27
-4	-6	-7	1.59	2.90
-4	-6	-6	35.64	3.58
-4	-6	-5	11.22	2.28
-4	-6	-4	4.88	0.71
-4	-6	-3	196.56	5.89
-4	-6	-2	24.70	1.09
-4	-6	-1	144.72	3.61
-4	-6	0	49.14	1.96
-4	-6	1	27.14	1.56
-4	-6	2	424.77	11.95
-4	-6	3	26.73	1.76
-4	-6	4	60.84	3.59
-4	-6	5	3.69	1.69
-4	-6	6	2.99	2.80
-4	-6	7	4.00	2.80
-4	-4	-8	126.56	18.90
-4	-4	-7	126.11	13.25
-4	-4	-6	8.41	2.09
-4	-4	-5	1.49	1.39
-4	-4	-4	43.30	3.55
-4	-4	-3	231.95	12.49
-4	-4	-2	1557.88	46.57
-4	-4	-1	803.16	23.81
-4	-4	0	2249.60	92.96
-4	-4	1	161.80	7.38
-4	-4	2	383.38	15.66
-4	-4	3	148.11	5.60
-4	-4	4	245.55	12.85
-4	-4	5	5.90	1.41
-4	-4	6	152.28	9.13
-4	-4	7	21.16	3.31
-4	-4	8	35.16	4.51
-4	-2	-7	61.94	4.25
-4	-2	-6	232.26	14.02
-4	-2	-5	274.56	15.24
-4	-2	-4	94.48	5.25
-4	-2	-3	14.98	0.70
-4	-2	-2	92.35	2.31
-4	-2	-1	818.53	33.19
-4	-2	0	5728.98	317.90
-4	-2	1	359.86	12.14
-4	-2	2	1093.62	50.27
-4	-2	3	617.03	41.73
-4	-2	4	63.84	2.88
-4	-2	5	203.35	13.69
-4	-2	6	159.26	10.60
-4	-2	8	2.89	2.38
-4	-2	9	2.79	3.81
-4	0	-8	14.36	2.58
-4	0	-7	-2.50	1.39
-4	0	-6	359.86	23.14
-4	0	-5	-0.90	1.10
-4	0	-4	626.50	33.54
-4	0	-3	-0.10	0.51
-4	0	-2	2258.15	65.58
-4	0	-1	1.90	0.41
-4	0	0	1723.08	55.62
-4	0	1	2.40	0.50
-4	0	3	0.40	0.50
-4	0	5	-0.30	0.70
-4	0	6	526.24	17.43

-4	0	7	-1.39	1.30
-4	0	8	15.76	3.33
-4	2	-8	22.28	4.34
-4	2	-7	78.15	6.72
-4	2	-6	240.56	13.03
-4	2	-5	288.32	9.85
-4	2	-4	98.60	5.16
-4	2	-3	13.99	1.20
-4	2	-2	94.48	3.69
-4	2	-1	790.17	37.67
-4	2	0	5442.01	324.59
-4	2	1	381.81	16.41
-4	2	2	1099.59	39.79
-4	2	3	649.74	32.63
-4	2	4	66.42	3.42
-4	2	5	206.78	14.09
-4	2	6	165.38	9.26
-4	2	7	44.36	5.73
-4	4	-8	135.26	11.63
-4	4	-7	144.48	9.14
-4	4	-6	21.44	3.24
-4	4	-5	-0.79	1.19
-4	4	-4	35.64	2.03
-4	4	-3	227.10	7.53
-4	4	-2	1580.86	46.12
-4	4	-1	823.69	22.96
-4	4	0	2313.61	89.47
-4	4	1	150.55	7.12
-4	4	2	385.34	15.31
-4	4	3	146.65	6.78
-4	4	4	252.49	20.34
-4	4	5	4.00	2.08
-4	4	6	153.26	12.88
-4	4	7	21.81	3.83
-4	6	-7	7.78	5.97
-4	6	-6	41.86	4.79
-4	6	-5	9.30	2.62
-4	6	-4	4.88	1.19
-4	6	-3	197.68	6.75
-4	6	-2	25.70	2.64
-4	6	-1	144.00	7.20
-4	6	0	51.84	1.87
-4	6	1	23.04	1.73
-4	6	2	410.47	18.64
-4	6	3	26.42	1.85
-4	6	4	64.48	3.85
-4	6	5	1.99	1.38
-4	8	-6	39.44	5.40
-4	8	-5	384.94	26.29
-4	8	-4	113.00	8.50
-4	8	-3	13.18	1.89
-4	8	-2	8.58	1.29
-4	8	-1	26.11	3.07
-4	8	0	102.01	6.06
-4	8	1	179.02	6.96
-4	8	2	76.74	4.03
-4	8	3	1984.70	85.54
-4	8	4	65.45	4.85
-4	8	5	288.32	14.94
-4	10	-4	19.01	10.73
-4	10	-3	19.27	4.30
-4	10	-2	41.09	5.38
-4	10	-1	75.17	7.63
-4	10	0	27.04	4.78

-4	10	1	0.10	3.24
-4	10	2	20.79	4.01
-4	10	3	56.40	7.21
-3	-11	-2	48.58	7.25
-3	-11	-1	17.31	3.33
-3	-11	0	29.27	3.46
-3	-11	1	27.56	3.26
-3	-11	2	1.80	2.89
-3	-9	-4	29.38	4.12
-3	-9	-3	30.47	2.98
-3	-9	-2	11.63	1.50
-3	-9	-1	31.81	3.05
-3	-9	0	11.70	1.71
-3	-9	1	15.52	1.58
-3	-9	2	4.80	1.31
-3	-9	3	158.00	8.04
-3	-9	4	94.28	5.83
-3	-9	5	55.35	5.51
-3	-7	-6	19.18	2.98
-3	-7	-5	6.30	1.81
-3	-7	-4	286.29	19.29
-3	-7	-3	147.38	5.34
-3	-7	-2	45.83	2.03
-3	-7	-1	96.04	4.31
-3	-7	0	259.85	8.70
-3	-7	1	15.68	1.50
-3	-7	2	173.19	6.32
-3	-7	3	32.83	1.83
-3	-7	4	30.25	2.75
-3	-7	5	101.81	5.25
-3	-7	6	5.20	4.10
-3	-7	7	21.34	4.34
-3	-5	-8	10.50	4.28
-3	-5	-7	14.59	3.29
-3	-5	-6	60.22	4.50
-3	-5	-5	7.08	1.49
-3	-5	-4	17.47	1.42
-3	-5	-3	56.55	2.86
-3	-5	-2	72.25	2.72
-3	-5	-1	143.76	5.04
-3	-5	0	719.85	22.54
-3	-5	1	6.71	0.98
-3	-5	2	139.00	4.48
-3	-5	3	75.86	2.44
-3	-5	4	1.30	1.00
-3	-5	5	4.88	1.50
-3	-5	6	62.73	6.34
-3	-5	7	12.53	5.52
-3	-5	8	2.31	3.01
-3	-3	-6	39.94	1.52
-3	-3	-4	20.07	2.69
-3	-3	-3	114.06	3.63
-3	-3	-2	467.42	17.30
-3	-3	-1	149.33	4.15
-3	-3	0	56.55	1.65
-3	-3	1	41.22	1.80
-3	-3	2	697.49	31.16
-3	-3	3	247.75	9.44
-3	-3	4	89.49	4.16
-3	-3	5	3.39	1.69
-3	-3	6	2.99	1.80
-3	-3	7	10.50	2.40
-3	-3	8	4.49	3.60
-3	-1	-7	55.65	5.07

-3	-1	-6	155.25	8.47
-3	-1	-5	4.41	1.51
-3	-1	-4	190.72	9.94
-3	-1	-3	204.20	12.58
-3	-1	-2	1104.23	52.50
-3	-1	-1	936.36	58.75
-3	-1	0	803.72	31.19
-3	-1	1	4571.11	209.59
-3	-1	2	1779.15	60.74
-3	-1	3	948.02	30.17
-3	-1	4	662.03	34.48
-3	-1	5	1.99	1.38
-3	-1	6	7.78	1.90
-3	-1	7	62.88	8.25
-3	-1	8	24.01	2.55
-3	-1	9	16.16	3.86
-3	1	-8	57.15	4.38
-3	1	-7	63.84	5.27
-3	1	-6	155.25	6.98
-3	1	-5	5.38	2.18
-3	1	-4	186.60	9.56
-3	1	-3	207.36	10.37
-3	1	-2	1106.23	41.24
-3	1	-1	793.55	28.17
-3	1	0	772.28	25.57
-3	1	1	4462.24	184.37
-3	1	2	1819.88	87.03
-3	1	3	950.49	56.11
-3	1	4	685.39	17.80
-3	1	5	2.10	0.70
-3	1	6	12.89	1.58
-3	1	7	69.06	4.82
-3	1	8	21.53	3.43
-3	3	-8	8.29	4.20
-3	3	-7	15.76	2.62
-3	3	-6	37.45	3.43
-3	3	-5	0.79	1.00
-3	3	-4	22.00	2.35
-3	3	-3	118.59	3.48
-3	3	-2	469.16	15.16
-3	3	-1	153.02	5.20
-3	3	0	53.44	1.90
-3	3	1	38.94	2.25
-3	3	2	702.78	24.39
-3	3	3	261.79	7.12
-3	3	4	90.63	6.28
-3	3	5	1.10	0.90
-3	3	6	2.79	1.00
-3	3	7	12.60	2.20
-3	5	-8	-1.69	2.89
-3	5	-7	23.81	4.39
-3	5	-6	55.95	4.64
-3	5	-5	8.18	1.60
-3	5	-4	19.27	1.76
-3	5	-3	54.46	3.25
-3	5	-2	73.44	2.57
-3	5	-1	151.54	5.42
-3	5	0	727.38	21.58
-3	5	1	5.90	1.41
-3	5	2	151.78	12.07
-3	5	3	73.44	3.26
-3	5	4	6.00	1.32
-3	5	5	2.99	1.31
-3	5	6	51.12	5.15

-3	7	-7	11.42	5.27
-3	7	-6	17.47	4.68
-3	7	-5	8.01	2.60
-3	7	-4	271.26	14.82
-3	7	-3	148.11	7.55
-3	7	-2	51.70	2.44
-3	7	-1	101.00	4.82
-3	7	0	262.12	9.07
-3	7	1	13.10	1.67
-3	7	2	181.44	8.08
-3	7	3	31.25	2.35
-3	7	4	29.27	2.27
-3	7	5	88.74	6.22
-3	9	-5	9.42	4.11
-3	9	-4	35.05	4.85
-3	9	-3	31.58	4.38
-3	9	-2	14.21	1.81
-3	9	-1	30.25	3.30
-3	9	0	25.50	7.07
-3	9	1	17.64	1.76
-3	9	2	6.20	2.49
-3	9	3	151.78	8.38
-3	9	4	89.11	6.42
-3	11	-2	56.55	6.47
-3	11	-1	13.76	3.86
-3	11	0	40.96	5.76
-3	11	1	32.26	6.48
-3	11	2	30.14	12.96
-2	-10	-3	71.57	10.15
-2	-10	-2	115.13	7.51
-2	-10	-1	57.46	4.24
-2	-10	0	73.27	4.45
-2	-10	1	139.00	8.25
-2	-10	2	72.08	4.24
-2	-10	3	93.12	6.18
-2	-10	4	107.33	8.91
-2	-8	-5	10.30	1.99
-2	-8	-4	56.25	3.30
-2	-8	-3	192.93	8.61
-2	-8	-2	31.25	1.68
-2	-8	-1	264.06	19.50
-2	-8	0	341.14	14.04
-2	-8	1	3008.52	86.66
-2	-8	2	431.39	14.95
-2	-8	3	425.60	18.15
-2	-8	4	145.93	7.25
-2	-8	5	23.52	3.39
-2	-8	6	3.39	4.08
-2	-6	-7	10.50	2.72
-2	-6	-5	5.02	0.72
-2	-6	-4	0.10	0.61
-2	-6	-3	35.88	1.56
-2	-6	-2	42.64	1.44
-2	-6	-1	193.49	7.51
-2	-6	0	160.53	5.32
-2	-6	1	363.28	12.20
-2	-6	2	393.23	10.71
-2	-6	3	2.89	1.09
-2	-6	4	7.67	1.50
-2	-6	5	30.36	2.64
-2	-6	6	40.96	3.97
-2	-6	7	-1.99	2.68
-2	-4	-8	36.00	7.68
-2	-4	-7	10.30	3.40

-2	-4	-6	50.55	4.12
-2	-4	-5	79.03	6.05
-2	-4	-4	641.10	19.75
-2	-4	-3	897.60	28.16
-2	-4	-2	1858.47	56.04
-2	-4	-1	752.95	25.79
-2	-4	0	24.30	1.08
-2	-4	1	216.97	6.19
-2	-4	2	421.89	11.91
-2	-4	3	40.32	1.52
-2	-4	4	476.99	15.72
-2	-4	5	239.01	10.20
-2	-4	6	173.98	11.87
-2	-4	7	52.56	4.35
-2	-4	8	58.06	8.84
-2	-2	-7	76.04	5.41
-2	-2	-6	23.72	2.53
-2	-2	-5	29.05	1.72
-2	-2	-4	41.99	2.07
-2	-2	-3	93.51	4.45
-2	-2	-2	936.97	33.67
-2	-2	-1	190.44	6.90
-2	-2	0	2252.45	86.38
-2	-2	1	4019.56	181.32
-2	-2	2	1961.60	87.69
-2	-2	3	209.96	7.53
-2	-2	4	211.70	15.71
-2	-2	5	5.38	2.09
-2	-2	6	19.36	2.29
-2	-2	7	16.48	1.87
-2	-2	8	4.00	2.48
-2	-2	9	0.00	1.00
-2	0	-8	74.65	6.39
-2	0	-7	2.10	1.39
-2	0	-6	1531.16	68.87
-2	0	-5	-0.50	1.01
-2	0	-4	641.61	31.41
-2	0	-2	23.43	1.55
-2	0	-1	1.10	0.29
-2	0	1	5.29	0.41
-2	0	3	1.49	1.00
-2	0	4	1111.56	62.68
-2	0	5	-1.21	1.10
-2	0	6	603.68	19.66
-2	0	7	-1.10	1.09
-2	0	8	123.65	6.45
-2	2	-9	8.58	4.39
-2	2	-8	2.19	2.31
-2	2	-7	68.56	5.30
-2	2	-6	21.07	1.84
-2	2	-5	33.87	1.86
-2	2	-4	39.44	2.01
-2	2	-3	94.87	3.31
-2	2	-2	967.83	24.27
-2	2	-1	194.60	5.86
-2	2	0	2248.66	73.98
-2	2	1	3965.22	144.83
-2	2	2	1958.06	78.76
-2	2	3	216.09	10.58
-2	2	4	219.04	10.06
-2	2	5	7.40	1.09
-2	2	6	16.16	1.69
-2	2	7	15.52	1.89
-2	4	-8	50.55	6.11

-2	4	-7	0.10	2.84
-2	4	-6	57.76	4.71
-2	4	-5	79.39	4.28
-2	4	-4	661.52	22.12
-2	4	-3	890.43	31.03
-2	4	-2	1891.38	55.67
-2	4	-1	782.88	22.94
-2	4	0	23.33	1.45
-2	4	1	229.22	11.81
-2	4	2	414.94	13.85
-2	4	3	40.58	1.78
-2	4	4	510.76	33.45
-2	4	5	239.94	17.04
-2	4	6	180.90	12.91
-2	4	7	49.00	4.20
-2	6	-7	16.32	4.20
-2	6	-6	59.75	5.10
-2	6	-5	5.81	2.51
-2	6	-4	0.71	1.21
-2	6	-3	36.97	3.04
-2	6	-2	40.45	2.29
-2	6	-1	204.49	9.72
-2	6	0	153.51	6.44
-2	6	1	368.26	13.05
-2	6	2	390.06	13.43
-2	6	3	3.50	0.90
-2	6	4	5.11	1.08
-2	6	5	36.24	3.13
-2	6	6	37.82	3.44
-2	8	-6	-0.20	3.52
-2	8	-5	16.08	4.33
-2	8	-4	50.98	4.71
-2	8	-3	208.22	8.37
-2	8	-2	32.95	2.98
-2	8	-1	264.71	37.42
-2	8	0	371.33	12.33
-2	8	1	2997.56	142.35
-2	8	2	453.26	18.31
-2	8	3	433.47	17.91
-2	8	4	140.90	8.31
-2	10	-4	11.42	8.72
-2	10	-3	69.22	9.32
-2	10	-2	134.10	10.19
-2	10	-1	59.14	6.61
-2	10	0	72.59	7.16
-2	10	1	137.83	14.79
-2	10	2	76.04	9.59
-2	10	3	85.38	9.79
-1	-11	-2	22.47	4.27
-1	-11	-1	25.00	4.90
-1	-11	0	12.39	3.73
-1	-11	1	11.97	2.77
-1	-11	2	2.59	1.80
-1	-9	-4	21.07	2.66
-1	-9	-3	239.01	12.06
-1	-9	-2	13.99	1.57
-1	-9	-1	4.41	0.88
-1	-9	0	11.49	1.70
-1	-9	1	28.30	2.02
-1	-9	2	154.01	7.20
-1	-9	3	190.44	8.28
-1	-9	4	45.70	5.95
-1	-9	5	6.60	5.81
-1	-7	-6	86.68	12.48

-1	-7	-5	7.29	1.51
-1	-7	-4	6.30	0.80
-1	-7	-3	87.05	3.73
-1	-7	-2	5.71	0.81
-1	-7	-1	184.96	6.80
-1	-7	0	279.56	11.04
-1	-7	1	297.22	11.38
-1	-7	2	213.74	7.31
-1	-7	3	126.79	4.73
-1	-7	4	1.10	1.30
-1	-7	5	7.78	2.51
-1	-7	6	6.30	3.11
-1	-7	7	11.49	3.39
-1	-5	-8	9.67	2.92
-1	-5	-7	2.19	2.19
-1	-5	-6	3.80	1.99
-1	-5	-5	4.08	0.81
-1	-5	-4	53.29	1.46
-1	-5	-3	20.43	0.81
-1	-5	-2	22.18	1.13
-1	-5	-1	26.01	1.33
-1	-5	0	79.92	2.32
-1	-5	1	305.55	8.39
-1	-5	2	71.40	2.87
-1	-5	3	2.99	0.90
-1	-5	4	1.00	0.80
-1	-5	5	6.71	1.71
-1	-5	6	16.00	2.40
-1	-5	7	13.03	4.91
-1	-5	8	-1.90	3.70
-1	-3	-7	0.59	2.09
-1	-3	-6	0.90	0.49
-1	-3	-5	19.27	0.88
-1	-3	-4	41.60	1.42
-1	-3	-3	965.97	21.13
-1	-3	-2	115.13	3.43
-1	-3	-1	229.83	7.88
-1	-3	0	1283.79	40.13
-1	-3	1	16.81	0.90
-1	-3	2	197.40	5.90
-1	-3	3	743.65	20.73
-1	-3	4	4.00	1.20
-1	-3	5	170.30	6.53
-1	-3	6	0.79	1.09
-1	-3	7	20.34	2.89
-1	-3	8	2.99	2.91
-1	-1	-8	29.05	3.45
-1	-1	-7	136.89	7.25
-1	-1	-6	45.83	2.84
-1	-1	-5	312.23	13.43
-1	-1	-4	177.16	7.72
-1	-1	-3	256.96	11.86
-1	-1	-2	1369.74	62.92
-1	-1	-1	3831.61	297.12
-1	-1	0	553.66	24.47
-1	-1	1	660.49	23.13
-1	-1	2	140.66	4.03
-1	-1	3	346.33	16.00
-1	-1	4	198.25	9.57
-1	-1	5	34.22	3.28
-1	-1	6	3.50	2.21
-1	-1	7	292.75	19.51
-1	-1	8	4.00	1.52
-1	-1	9	5.20	3.19

-1	1	-9	17.47	3.26
-1	1	-8	24.80	2.69
-1	1	-7	128.14	8.38
-1	1	-6	45.97	2.44
-1	1	-5	315.77	10.31
-1	1	-4	169.78	7.56
-1	1	-3	265.04	11.40
-1	1	-2	1354.98	65.52
-1	1	-1	4448.89	270.80
-1	1	0	557.43	24.08
-1	1	1	730.62	71.36
-1	1	2	142.56	4.78
-1	1	3	360.62	11.01
-1	1	4	201.92	5.97
-1	1	5	33.99	1.63
-1	1	6	7.62	0.99
-1	1	7	284.93	14.85
-1	1	8	8.29	1.73
-1	3	-8	6.40	3.19
-1	3	-7	0.71	2.20
-1	3	-6	1.21	2.20
-1	3	-5	17.47	1.59
-1	3	-4	41.60	2.06
-1	3	-3	992.88	28.99
-1	3	-2	117.72	3.91
-1	3	-1	240.25	7.13
-1	3	0	1298.16	50.44
-1	3	1	17.98	1.87
-1	3	2	207.36	9.22
-1	3	3	749.66	35.05
-1	3	4	6.00	0.78
-1	3	5	171.09	8.89
-1	3	6	1.30	1.00
-1	3	7	19.71	1.86
-1	5	-8	13.18	3.41
-1	5	-7	5.71	2.58
-1	5	-6	3.39	2.39
-1	5	-5	4.41	7.31
-1	5	-4	58.98	3.38
-1	5	-3	17.72	1.68
-1	5	-2	28.52	1.28
-1	5	-1	40.96	3.46
-1	5	0	86.86	4.10
-1	5	1	318.27	8.92
-1	5	2	68.72	2.49
-1	5	3	3.61	0.68
-1	5	4	5.62	1.18
-1	5	5	6.60	1.59
-1	5	6	15.21	1.48
-1	7	-7	39.31	5.52
-1	7	-6	80.28	6.27
-1	7	-5	14.29	2.57
-1	7	-4	4.80	2.01
-1	7	-3	91.97	4.60
-1	7	-2	7.18	1.18
-1	7	-1	192.93	8.06
-1	7	0	277.22	11.65
-1	7	1	306.25	11.20
-1	7	2	203.92	9.71
-1	7	3	137.59	7.51
-1	7	4	1.59	1.01
-1	7	5	3.80	2.11
-1	9	-5	18.92	4.26
-1	9	-4	32.83	5.73

-1	9	-3	230.13	14.26
-1	9	-2	18.58	3.19
-1	9	-1	5.90	1.80
-1	9	0	8.29	2.48
-1	9	1	28.62	2.78
-1	9	2	153.76	7.94
-1	9	3	174.50	10.57
-1	9	4	34.57	3.06
-1	11	-2	33.87	6.05
-1	11	-1	20.61	5.08
-1	11	0	12.18	3.91
-1	11	1	11.83	3.78
-1	11	2	2.10	2.81
0	-10	-3	63.36	7.96
0	-10	-2	4.00	1.88
0	-10	-1	90.06	4.37
0	-10	0	7.40	1.80
0	-10	1	104.86	5.73
0	-10	2	6.00	1.72
0	-10	3	76.91	5.26
0	-10	4	8.82	3.98
0	-8	-4	108.78	5.42
0	-8	-3	240.25	10.54
0	-8	-2	215.21	7.92
0	-8	-1	1489.96	50.95
0	-8	0	144.96	5.30
0	-8	1	1504.66	53.53
0	-8	2	209.38	8.10
0	-8	3	234.40	10.10
0	-8	4	111.30	9.07
0	-8	5	69.22	6.82
0	-8	6	9.67	3.48
0	-6	-7	11.42	2.23
0	-6	-5	14.52	0.61
0	-6	-4	39.44	1.76
0	-6	-3	38.07	1.48
0	-6	-2	126.34	4.72
0	-6	-1	131.33	3.90
0	-6	0	2089.40	59.42
0	-6	1	131.10	4.58
0	-6	2	123.88	4.67
0	-6	3	33.52	1.85
0	-6	4	32.15	2.27
0	-6	5	17.47	2.68
0	-6	6	38.32	4.46
0	-6	7	12.32	3.30
0	-4	-6	80.64	3.05
0	-4	-5	188.51	5.49
0	-4	-4	471.76	9.99
0	-4	-3	394.02	11.51
0	-4	-2	200.51	6.23
0	-4	-1	57.76	1.67
0	-4	0	1307.55	33.99
0	-4	1	58.83	2.15
0	-4	2	205.92	6.60
0	-4	3	392.83	13.08
0	-4	4	457.53	16.68
0	-4	5	204.78	10.02
0	-4	6	82.63	4.91
0	-4	7	30.47	3.75
0	-4	8	17.14	3.23
0	-2	-7	3.50	1.01
0	-2	-6	52.56	2.46
0	-2	-5	23.14	1.15

0	-2	-4	938.20	30.63
0	-2	-3	193.49	6.12
0	-2	-2	1288.09	40.91
0	-2	-1	957.90	29.09
0	-2	0	1685.92	45.17
0	-2	1	933.30	26.27
0	-2	2	1274.49	37.13
0	-2	3	195.44	5.59
0	-2	4	925.38	28.59
0	-2	5	23.23	1.93
0	-2	6	49.00	2.52
0	-2	7	3.69	1.69
0	-2	8	16.08	2.81
0	-2	9	-0.71	3.11
0	0	-8	213.74	17.84
0	0	-7	2.89	3.98
0	0	-6	136.42	5.37
0	0	-5	0.40	0.69
0	0	-4	244.92	10.02
0	0	-3	0.20	0.60
0	0	-1	2.31	0.40
0	0	1	1.80	0.40
0	0	3	1.69	0.81
0	0	4	243.98	9.68
0	0	5	-0.79	0.89
0	0	6	135.49	5.35
0	0	7	0.79	0.80
0	0	8	209.09	13.30
0	2	-9	2.69	2.69
0	2	-8	14.29	2.80
0	2	-7	0.90	1.60
0	2	-6	59.29	3.23
0	2	-5	20.61	1.54
0	2	-4	935.14	31.19
0	2	-3	195.44	6.71
0	2	-2	1263.09	84.59
0	2	-1	958.52	27.24
0	2	0	1726.40	63.16
0	2	1	938.20	30.02
0	2	2	1266.65	55.52
0	2	3	196.84	9.26
0	2	4	947.41	53.56
0	2	5	24.50	1.58
0	2	6	52.85	3.49
0	2	7	3.69	1.38
0	2	8	13.99	2.02
0	4	-8	16.40	3.73
0	4	-7	23.43	3.78
0	4	-6	81.54	5.96
0	4	-5	200.51	7.93
0	4	-4	484.88	24.22
0	4	-3	401.20	14.42
0	4	-2	193.77	5.85
0	4	-1	59.75	1.86
0	4	0	1320.60	40.70
0	4	1	58.22	1.83
0	4	2	202.21	7.11
0	4	3	396.01	14.33
0	4	4	485.76	26.45
0	4	5	192.38	11.10
0	4	6	78.68	4.43
0	4	7	21.34	1.66
0	6	-7	15.52	3.31
0	6	-6	36.24	5.06

0	6	-5	11.09	2.13
0	6	-4	37.45	2.20
0	6	-3	37.45	2.08
0	6	-2	128.82	5.90
0	6	-1	134.79	4.41
0	6	0	2149.25	72.32
0	6	1	144.48	5.05
0	6	2	123.21	5.11
0	6	3	40.70	2.55
0	6	4	36.24	2.05
0	6	5	10.89	1.52
0	6	6	35.76	3.11
0	8	-6	3.50	3.89
0	8	-5	80.46	5.56
0	8	-4	103.43	11.39
0	8	-3	237.16	11.70
0	8	-2	212.58	14.00
0	8	-1	1510.88	87.07
0	8	0	159.52	8.08
0	8	1	1498.46	52.65
0	8	2	211.70	10.77
0	8	3	239.63	13.31
0	8	4	102.62	6.69
0	10	-4	13.47	5.58
0	10	-3	62.25	7.73
0	10	-2	4.49	3.18
0	10	-1	120.12	8.55
0	10	0	4.80	1.88
0	10	1	99.40	7.98
0	10	2	12.67	3.77
0	10	3	67.40	9.03
1	-11	-2	15.68	9.42
1	-11	-1	7.18	3.22
1	-11	0	18.40	5.23
1	-11	1	27.88	4.75
1	-11	2	38.56	5.46
1	-9	-4	43.03	4.46
1	-9	-3	191.27	22.13
1	-9	-2	155.75	6.49
1	-9	-1	24.60	1.49
1	-9	0	9.49	1.72
1	-9	1	2.59	1.09
1	-9	2	17.81	2.03
1	-9	3	241.18	11.80
1	-9	4	30.03	4.06
1	-9	5	24.21	3.44
1	-7	-6	9.18	2.18
1	-7	-5	1.30	1.00
1	-7	-4	1.59	0.81
1	-7	-3	134.33	6.03
1	-7	-2	214.04	8.19
1	-7	-1	285.61	10.14
1	-7	0	270.27	7.89
1	-7	1	198.53	6.20
1	-7	2	8.18	1.09
1	-7	3	83.72	3.48
1	-7	4	2.59	2.70
1	-7	5	13.91	2.91
1	-7	6	84.27	8.45
1	-7	7	32.83	4.58
1	-5	-8	2.79	2.50
1	-5	-7	7.51	1.81
1	-5	-6	15.68	1.19
1	-5	-5	6.60	0.51

1	-5	-4	3.39	0.40
1	-5	-3	2.69	0.49
1	-5	-2	67.40	2.79
1	-5	-1	317.55	12.12
1	-5	0	86.68	2.61
1	-5	1	30.80	2.33
1	-5	2	22.47	1.23
1	-5	3	21.16	1.29
1	-5	4	53.58	2.64
1	-5	5	3.88	1.38
1	-5	6	2.31	3.10
1	-5	7	2.50	2.50
1	-5	8	17.89	4.31
1	-3	-7	16.56	1.71
1	-3	-6	2.31	0.70
1	-3	-5	171.61	5.50
1	-3	-4	3.39	0.40
1	-3	-3	766.74	19.38
1	-3	-2	201.92	6.25
1	-3	-1	14.36	0.91
1	-3	0	1296.72	42.49
1	-3	1	225.00	7.50
1	-3	2	114.06	3.63
1	-3	3	977.19	40.01
1	-3	4	39.94	1.90
1	-3	5	18.49	1.29
1	-3	6	0.79	1.30
1	-3	7	2.99	1.90
1	-3	8	0.79	2.79
1	-1	-8	5.62	1.99
1	-1	-6	5.62	1.18
1	-1	-5	29.59	1.41
1	-1	-4	199.09	9.31
1	-1	-3	330.51	13.82
1	-1	-2	137.83	3.99
1	-1	-1	885.66	107.73
1	-1	0	556.49	15.57
1	-1	1	4366.57	210.13
1	-1	2	1365.30	45.82
1	-1	3	268.96	8.20
1	-1	4	176.36	6.91
1	-1	5	305.55	12.59
1	-1	6	44.22	2.53
1	-1	7	129.28	6.59
1	-1	8	29.38	3.04
1	1	-9	2.69	2.59
1	1	-8	7.02	2.23
1	1	-7	285.95	15.22
1	1	-6	3.69	1.31
1	1	-5	34.46	1.64
1	1	-4	197.40	6.74
1	1	-3	345.96	10.79
1	1	-2	137.36	4.69
1	1	-1	668.74	23.27
1	1	0	558.38	20.79
1	1	2	1376.41	71.23
1	1	3	259.53	7.41
1	1	4	180.90	5.38
1	1	5	315.42	12.79
1	1	6	45.43	1.89
1	1	7	140.19	5.68
1	1	8	32.83	2.18
1	3	-8	4.71	3.08
1	3	-7	20.88	3.29

1	3	-6	2.89	2.11
1	3	-5	174.77	6.08
1	3	-4	2.31	1.49
1	3	-3	754.05	28.56
1	3	-2	202.78	6.84
1	3	-1	17.64	1.60
1	3	0	1329.33	41.56
1	3	1	234.70	8.27
1	3	2	112.36	4.03
1	3	3	963.48	40.35
1	3	4	43.03	1.84
1	3	5	21.62	1.40
1	3	6	1.69	0.81
1	3	7	2.31	0.49
1	5	-8	0.59	3.57
1	5	-7	2.40	3.10
1	5	-6	19.89	2.94
1	5	-5	4.80	1.31
1	5	-4	4.00	1.60
1	5	-3	5.71	1.00
1	5	-2	68.23	3.14
1	5	-1	308.00	17.55
1	5	0	81.90	2.90
1	5	1	28.84	1.83
1	5	2	26.83	1.24
1	5	3	18.58	1.12
1	5	4	58.06	4.42
1	5	5	4.20	0.98
1	5	6	2.99	0.90
1	7	-7	13.40	3.88
1	7	-6	9.99	2.97
1	7	-5	5.02	3.00
1	7	-4	0.90	1.90
1	7	-3	116.21	9.06
1	7	-2	206.78	8.92
1	7	-1	296.87	14.13
1	7	0	284.93	13.17
1	7	1	198.53	7.05
1	7	2	7.29	0.92
1	7	3	89.30	4.72
1	7	4	6.00	0.98
1	7	5	15.76	2.06
1	9	-5	30.69	9.97
1	9	-4	34.34	4.57
1	9	-3	176.62	12.49
1	9	-2	163.07	9.45
1	9	-1	33.29	3.58
1	9	0	9.61	1.61
1	9	1	7.18	2.52
1	9	2	17.81	2.03
1	9	3	240.87	28.56
1	11	-2	4.20	3.40
1	11	-1	10.30	4.62
1	11	0	24.50	4.26
1	11	1	21.81	3.18
1	11	2	46.24	7.75
2	-10	-3	82.81	10.56
2	-10	-2	73.44	6.17
2	-10	-1	138.53	11.53
2	-10	0	69.06	4.82
2	-10	1	57.00	3.93
2	-10	2	130.87	8.69
2	-10	3	59.75	6.34
2	-10	4	13.69	3.40

2	-8	-5	11.90	2.21
2	-8	-4	139.95	11.83
2	-8	-3	438.06	17.58
2	-8	-2	462.25	18.06
2	-8	-1	2996.47	114.95
2	-8	0	358.72	11.36
2	-8	1	344.10	35.99
2	-8	2	29.48	2.17
2	-8	3	196.84	10.94
2	-8	4	57.61	5.01
2	-8	5	17.64	3.28
2	-8	6	5.62	4.12
2	-6	-7	-0.20	1.61
2	-6	-6	28.73	2.14
2	-6	-5	31.25	1.34
2	-6	-4	7.29	0.81
2	-6	-3	3.10	0.81
2	-6	-2	392.83	12.68
2	-6	-1	370.95	9.63
2	-6	0	159.01	5.30
2	-6	1	192.38	6.93
2	-6	2	38.19	1.85
2	-6	3	36.84	2.31
2	-6	4	0.71	1.41
2	-6	5	12.18	4.12
2	-6	6	56.55	3.91
2	-6	7	8.41	2.61
2	-4	-7	45.56	4.72
2	-4	-6	176.89	6.92
2	-4	-5	237.78	9.87
2	-4	-4	473.93	10.89
2	-4	-3	38.56	1.37
2	-4	-2	410.47	15.40
2	-4	-1	219.34	8.00
2	-4	0	23.91	0.98
2	-4	1	784.56	18.49
2	-4	2	1865.38	63.92
2	-4	3	875.57	36.69
2	-4	4	633.53	24.16
2	-4	5	82.63	3.64
2	-4	6	51.27	4.01
2	-4	7	-0.30	2.01
2	-4	8	63.20	5.88
2	-2	-8	5.20	2.01
2	-2	-7	14.06	1.12
2	-2	-6	17.31	1.41
2	-2	-5	7.78	0.78
2	-2	-4	209.67	6.66
2	-2	-3	205.92	5.74
2	-2	-2	1928.97	77.30
2	-2	-1	4020.83	121.75
2	-2	0	2225.95	58.50
2	-2	1	193.49	6.95
2	-2	2	950.49	28.98
2	-2	3	95.45	3.71
2	-2	4	38.94	2.25
2	-2	5	28.41	1.71
2	-2	6	20.07	2.06
2	-2	7	75.52	5.74
2	-2	8	-0.71	3.11
2	0	-9	6.10	4.59
2	0	-8	124.99	12.75
2	0	-7	3.10	1.58
2	0	-6	593.41	24.85

2	0	-5	-0.71	0.81
2	0	-4	1096.93	35.11
2	0	-3	1.99	0.70
2	0	-1	7.29	0.49
2	0	0	1536.64	99.57
2	0	1	1.69	0.31
2	0	2	22.47	0.85
2	0	3	0.30	0.51
2	0	4	629.01	21.07
2	0	5	-0.20	0.91
2	0	6	1483.79	60.86
2	0	7	-0.40	1.40
2	0	8	78.15	5.13
2	2	-9	8.53	3.21
2	2	-8	5.20	2.60
2	2	-7	17.31	2.66
2	2	-6	15.92	1.52
2	2	-5	7.51	1.10
2	2	-4	214.33	6.73
2	2	-3	207.36	7.20
2	2	-2	1936.88	68.66
2	2	-1	3985.40	181.81
2	2	0	2254.35	92.11
2	2	1	186.32	9.28
2	2	4	40.20	1.14
2	2	5	32.15	0.91
2	2	6	23.33	0.87
2	2	7	75.86	2.79
2	4	-8	37.70	4.54
2	4	-7	50.98	4.14
2	4	-6	196.28	9.81
2	4	-5	239.63	8.36
2	4	-4	491.95	20.85
2	4	-3	42.90	2.10
2	4	-2	416.16	15.10
2	4	-1	216.38	7.06
2	4	0	21.34	2.13
2	4	1	791.30	30.38
2	4	2	1850.72	55.07
2	4	3	915.67	51.44
2	4	4	657.92	35.91
2	6	-7	6.60	3.91
2	6	-6	36.72	4.00
2	6	-5	41.09	3.59
2	6	-4	9.49	2.77
2	6	-3	3.80	1.29
2	6	-2	379.08	14.41
2	6	-1	362.52	14.47
2	6	0	161.80	6.11
2	6	1	193.77	10.30
2	6	2	43.96	1.72
2	6	3	40.58	2.04
2	8	-6	2.40	6.29
2	8	-5	20.98	3.21
2	8	-4	147.87	11.92
2	8	-3	413.72	25.22
2	8	-2	473.06	23.49
2	8	-1	3000.85	110.66
2	8	0	354.57	27.12
2	8	1	240.25	27.90
2	8	2	32.38	2.73
2	8	3	216.38	13.83
2	8	4	59.75	4.33
2	10	-4	124.99	13.42

2	10	-3	105.47	9.04
2	10	-2	62.41	6.32
2	10	-1	130.19	7.07
2	10	0	66.10	4.55
2	10	1	57.61	4.71
2	10	2	118.37	9.14
3	-11	-2	8.53	2.22
3	-11	-1	30.80	4.88
3	-11	0	37.95	4.80
3	-11	1	13.18	4.07
3	-11	2	59.44	6.63
3	-9	-4	86.49	11.16
3	-9	-3	162.05	11.71
3	-9	-2	4.58	1.58
3	-9	-1	15.76	1.27
3	-9	0	14.52	1.68
3	-9	1	39.69	4.28
3	-9	2	16.81	2.87
3	-9	3	27.14	3.65
3	-9	4	32.83	4.13
3	-9	5	7.02	3.39
3	-7	-5	94.09	5.63
3	-7	-4	24.40	2.37
3	-7	-3	25.50	1.82
3	-7	-2	172.92	5.52
3	-7	-1	14.59	2.29
3	-7	0	260.50	8.72
3	-7	1	98.41	3.17
3	-7	2	51.41	2.72
3	-7	3	158.51	8.31
3	-7	4	295.15	17.18
3	-7	5	0.30	2.31
3	-7	6	15.13	3.03
3	-7	7	9.49	4.13
3	-5	-7	5.90	7.00
3	-5	-6	50.84	2.14
3	-5	-5	3.10	0.49
3	-5	-4	3.10	0.49
3	-5	-3	73.44	3.26
3	-5	-2	144.96	4.33
3	-5	-1	6.50	1.27
3	-5	0	700.66	16.94
3	-5	1	150.55	3.68
3	-5	2	74.65	3.46
3	-5	3	50.41	2.84
3	-5	4	20.43	1.72
3	-5	5	10.37	1.67
3	-5	6	69.39	7.83
3	-5	7	20.88	3.29
3	-5	8	5.52	3.38
3	-3	-7	11.90	1.10
3	-3	-6	1.10	0.69
3	-3	-5	1.39	0.59
3	-3	-4	92.74	2.12
3	-3	-3	237.47	9.25
3	-3	-2	689.06	19.95
3	-3	-1	40.83	1.15
3	-3	0	56.25	1.95
3	-3	1	141.37	4.99
3	-3	2	465.26	15.53
3	-3	3	114.92	4.93
3	-3	4	23.14	1.44
3	-3	5	-2.31	1.09
3	-3	6	40.96	2.94

3	-3	7	11.42	2.30
3	-3	8	5.81	2.51
3	-1	-8	20.70	3.09
3	-1	-7	79.57	4.64
3	-1	-6	7.08	1.22
3	-1	-5	5.38	0.79
3	-1	-4	631.01	18.09
3	-1	-3	935.14	26.30
3	-1	-2	1778.31	46.39
3	-1	-1	4534.68	169.70
3	-1	0	780.64	29.62
3	-1	1	804.29	30.06
3	-1	2	1144.47	38.57
3	-1	3	196.28	6.16
3	-1	4	185.50	5.99
3	-1	5	3.88	0.91
3	-1	6	160.78	5.83
3	-1	7	65.12	4.84
3	-1	8	55.65	4.03
3	1	-9	9.80	3.00
3	1	-8	23.72	3.21
3	1	-7	71.57	4.91
3	1	-6	7.02	1.11
3	1	-5	5.02	0.99
3	1	-4	660.49	25.19
3	1	-3	956.66	29.69
3	1	-2	1708.17	86.79
3	1	-1	4447.56	192.07
3	1	0	782.32	41.95
3	1	1	796.93	57.59
3	1	2	1117.56	48.14
3	1	3	199.94	6.22
3	1	4	191.82	6.37
3	1	5	5.20	0.41
3	1	6	164.87	4.88
3	1	7	65.29	2.59
3	3	-8	-0.20	3.01
3	3	-7	12.32	2.39
3	3	-6	6.30	2.01
3	3	-5	2.19	1.01
3	3	-4	91.97	4.03
3	3	-3	237.78	8.33
3	3	-2	664.09	31.44
3	3	-1	37.33	1.71
3	3	0	55.06	2.23
3	3	1	150.31	6.13
3	3	2	486.64	18.97
3	5	-8	2.31	3.10
3	5	-7	5.20	2.28
3	5	-6	55.65	4.03
3	5	-5	8.12	2.22
3	5	-4	1.90	1.21
3	5	-3	73.44	3.09
3	5	-2	145.20	8.44
3	5	-1	12.53	2.19
3	5	0	689.06	33.08
3	5	1	144.96	6.98
3	5	2	76.21	3.84
3	7	-7	19.62	3.72
3	7	-6	7.78	3.79
3	7	-5	105.47	6.37
3	7	-4	31.02	3.68
3	7	-3	30.91	2.45
3	7	-2	181.17	7.81

3	7	-1	12.39	1.48
3	7	0	259.85	12.25
3	7	1	96.24	4.71
3	7	2	52.71	3.78
3	7	3	153.26	9.41
3	9	-5	48.44	5.29
3	9	-4	109.20	8.57
3	9	-3	166.67	12.14
3	9	-2	7.62	2.48
3	9	-1	15.92	2.47
3	9	0	16.97	2.97
3	9	1	42.64	4.83
3	9	2	12.82	2.94
3	9	3	26.63	2.99
3	11	-2	12.18	4.68
3	11	-1	33.18	5.41
3	11	0	35.88	5.63
3	11	1	13.91	4.03
4	-10	-4	13.62	3.03
4	-10	-3	46.65	5.74
4	-10	-2	11.70	2.80
4	-10	-1	4.49	2.29
4	-10	0	22.09	3.29
4	-10	1	71.23	5.74
4	-10	2	33.99	3.73
4	-10	3	25.10	3.31
4	-10	4	27.04	5.62
4	-8	-5	311.17	29.64
4	-8	-4	69.72	6.85
4	-8	-3	2003.46	90.42
4	-8	-2	71.23	3.04
4	-8	-1	164.61	7.18
4	-8	0	106.50	3.92
4	-8	1	26.32	2.87
4	-8	2	7.08	1.92
4	-8	3	16.89	2.30
4	-8	4	99.60	6.19
4	-8	5	417.79	27.80
4	-8	6	31.70	4.39
4	-6	-6	6.81	1.20
4	-6	-5	1.21	0.51
4	-6	-4	63.36	2.87
4	-6	-3	24.40	1.58
4	-6	-2	398.80	19.17
4	-6	-1	24.11	1.18
4	-6	0	48.72	1.95
4	-6	1	142.09	5.01
4	-6	2	24.40	1.68
4	-6	3	192.93	6.95
4	-6	4	2.89	1.60
4	-6	5	12.60	3.98
4	-6	6	41.60	4.26
4	-6	7	1.21	3.72
4	-4	-7	18.49	1.72
4	-4	-6	145.93	5.80
4	-4	-5	5.02	0.58
4	-4	-4	252.81	6.04
4	-4	-3	141.37	3.57
4	-4	-2	379.08	15.97
4	-4	-1	164.61	11.29
4	-4	0	2270.52	80.05
4	-4	1	813.96	25.68
4	-4	2	1531.94	54.80
4	-4	3	222.31	8.95

4	-4	4	36.12	2.64
4	-4	5	-0.90	1.41
4	-4	6	7.62	2.10
4	-4	7	142.56	12.90
4	-4	8	151.78	14.29
4	-2	-8	6.00	1.81
4	-2	-7	44.36	2.13
4	-2	-6	160.53	5.83
4	-2	-5	197.96	6.19
4	-2	-4	67.57	2.14
4	-2	-3	630.01	14.56
4	-2	-2	1110.89	28.66
4	-2	-1	391.25	16.22
4	-2	0	5718.38	300.97
4	-2	1	795.24	28.20
4	-2	2	94.87	3.12
4	-2	3	11.97	0.90
4	-2	4	100.40	3.61
4	-2	5	281.57	12.75
4	-2	6	237.78	14.49
4	-2	7	67.24	4.26
4	-2	8	18.40	3.17
4	0	-9	1.39	2.50
4	0	-8	27.88	4.12
4	0	-7	1.69	2.78
4	0	-6	535.46	18.97
4	0	-5	0.40	0.69
4	0	-3	0.40	0.59
4	0	-1	1.30	0.41
4	0	0	1680.18	63.94
4	0	1	2.99	0.59
4	0	2	2266.71	85.70
4	0	3	0.71	0.50
4	0	4	616.03	19.36
4	0	5	6.20	5.08
4	0	6	353.82	13.54
4	0	7	-1.80	1.50
4	0	8	13.76	1.93
4	2	-9	2.89	3.20
4	2	-8	-0.90	1.99
4	2	-7	55.06	4.01
4	2	-6	154.01	6.70
4	2	-5	202.78	9.40
4	2	-4	64.96	2.74
4	2	-3	627.00	20.53
4	2	-2	1011.24	43.88
4	2	-1	364.05	11.45
4	2	1	799.19	25.44
4	2	2	97.61	2.77
4	2	3	16.40	0.81
4	2	4	101.61	4.84
4	2	5	287.30	17.97
4	2	6	251.86	15.55
4	2	7	77.62	4.41
4	4	-8	33.52	6.83
4	4	-7	23.72	3.51
4	4	-6	160.28	10.38
4	4	-5	6.40	1.32
4	4	-4	250.27	8.86
4	4	-3	140.19	5.21
4	4	-2	388.48	12.22
4	4	-1	147.14	6.31
4	4	0	2277.20	82.08
4	4	1	832.32	31.16

4	4	2	1536.64	61.15
4	6	-7	10.63	3.00
4	6	-6	8.29	2.88
4	6	-5	2.69	2.49
4	6	-4	62.73	3.64
4	6	-3	31.92	2.15
4	6	-2	419.43	18.43
4	6	-1	24.01	2.16
4	6	0	50.84	2.28
4	6	1	148.84	5.12
4	6	2	23.81	1.46
4	6	3	197.12	10.95
4	8	-6	12.18	4.12
4	8	-5	307.30	24.54
4	8	-4	71.06	6.41
4	8	-3	2053.90	82.48
4	8	-2	72.42	5.11
4	8	-1	168.74	9.87
4	8	0	109.20	5.85
4	8	1	23.04	2.78
4	8	2	5.62	1.42
4	8	3	16.00	2.00
4	10	-4	15.21	3.98
4	10	-3	39.69	4.91
4	10	-2	10.82	4.08
4	10	-1	6.71	3.11
4	10	0	18.92	2.78
4	10	1	49.84	3.95
4	10	2	47.06	5.90
5	-11	-1	2.59	2.70
5	-11	0	18.92	3.83
5	-11	1	33.76	6.39
5	-9	-4	10.18	2.49
5	-9	-3	13.69	2.29
5	-9	-2	12.53	1.91
5	-9	-1	30.80	3.55
5	-9	0	56.55	6.17
5	-9	1	121.00	6.82
5	-9	2	6.00	2.50
5	-9	3	3.50	2.51
5	-9	4	9.61	31.00
5	-9	5	21.72	6.34
5	-7	-6	-0.40	1.89
5	-7	-5	78.32	4.60
5	-7	-4	266.02	11.42
5	-7	-3	398.00	19.95
5	-7	-2	572.64	29.67
5	-7	-1	69.39	3.67
5	-7	0	55.06	2.67
5	-7	1	8.12	1.48
5	-7	2	229.83	9.40
5	-7	3	69.89	4.68
5	-7	4	32.95	3.21
5	-7	5	21.90	3.93
5	-7	6	1.30	4.90
5	-5	-6	32.38	1.59
5	-5	-5	44.36	1.60
5	-5	-4	5.71	0.48
5	-5	-3	108.58	3.13
5	-5	-2	116.21	4.31
5	-5	-1	76.04	3.66
5	-5	0	332.70	11.67
5	-5	1	383.38	12.14
5	-5	2	89.11	3.21

5	-5	3	98.80	4.37
5	-5	4	160.78	6.09
5	-5	5	4.71	1.69
5	-5	6	40.70	3.83
5	-5	7	29.70	4.25
5	-5	8	12.60	3.69
5	-3	-7	38.69	2.11
5	-3	-6	9.92	0.88
5	-3	-5	2.10	0.61
5	-3	-4	165.12	3.60
5	-3	-3	10.11	0.51
5	-3	-2	201.92	5.97
5	-3	-1	1129.63	34.28
5	-3	0	333.06	10.22
5	-3	1	478.73	20.13
5	-3	2	4.49	0.81
5	-3	3	53.00	2.33
5	-3	4	112.36	5.09
5	-3	5	8.58	1.29
5	-3	6	136.66	7.72
5	-3	7	82.26	6.89
5	-3	8	17.14	4.97
5	-1	-8	11.09	2.73
5	-1	-7	52.85	2.47
5	-1	-6	430.15	14.93
5	-1	-5	121.66	4.41
5	-1	-4	576.00	18.24
5	-1	-3	528.08	12.87
5	-1	-2	178.22	4.81
5	-1	-1	129.50	5.69
5	-1	0	3389.57	109.45
5	-1	1	116.42	3.67
5	-1	2	135.26	4.19
5	-1	3	992.88	33.40
5	-1	4	12.53	0.92
5	-1	5	36.60	2.06
5	-1	6	30.69	1.99
5	-1	7	14.59	2.37
5	-1	8	10.82	2.11
5	1	-9	11.29	3.70
5	1	-8	14.82	3.31
5	1	-7	53.29	5.11
5	1	-6	434.72	16.26
5	1	-5	128.60	4.54
5	1	-4	593.90	17.06
5	1	-3	497.74	16.06
5	1	-2	176.09	6.90
5	1	-1	136.19	5.37
5	1	0	3492.81	106.38
5	1	1	120.78	4.18
5	1	2	129.28	3.87
5	1	3	1001.72	29.12
5	1	4	12.60	0.57
5	1	5	35.76	1.55
5	1	6	30.25	1.21
5	1	7	13.40	0.73
5	3	-8	0.79	3.08
5	3	-7	52.27	4.77
5	3	-6	15.21	2.57
5	3	-5	3.50	1.20
5	3	-4	167.70	5.70
5	3	-3	13.69	1.11
5	3	-2	206.21	6.89
5	3	-1	1116.90	39.44

5	3	0	332.33	13.85
5	3	1	453.26	23.42
5	3	2	7.02	0.42
5	5	-8	13.76	4.08
5	5	-7	4.58	3.00
5	5	-6	38.07	4.32
5	5	-5	47.33	3.58
5	5	-4	5.62	1.28
5	5	-3	107.12	5.38
5	5	-2	111.72	4.65
5	5	-1	88.74	6.41
5	5	0	343.36	11.86
5	5	1	394.02	11.12
5	5	2	87.24	4.67
5	7	-7	15.29	4.22
5	7	-6	1.00	3.20
5	7	-5	69.72	5.34
5	7	-4	264.71	19.20
5	7	-3	408.04	21.01
5	7	-2	583.71	24.16
5	7	-1	71.23	3.04
5	7	0	51.27	3.44
5	7	1	11.42	1.28
5	7	2	225.60	10.81
5	7	3	72.76	5.63
5	9	-5	14.67	4.06
5	9	-4	20.34	3.43
5	9	-3	13.69	5.18
5	9	-2	5.38	2.60
5	9	-1	26.32	4.10
5	9	0	56.25	4.80
5	9	1	102.82	7.10
5	9	2	-2.10	1.80
5	9	3	3.80	1.91
5	11	-1	4.20	7.01
5	11	0	25.70	5.48
5	11	1	37.33	4.77
6	-10	-3	21.07	3.58
6	-10	-2	8.01	2.60
6	-10	-1	35.05	4.03
6	-10	0	23.62	9.62
6	-10	1	2.89	2.58
6	-10	2	9.42	3.99
6	-10	3	27.46	4.93
6	-8	-5	465.70	49.20
6	-8	-4	42.64	3.92
6	-8	-3	366.34	14.93
6	-8	-2	31.36	2.58
6	-8	-1	17.81	2.36
6	-8	0	20.98	2.11
6	-8	1	205.64	8.89
6	-8	2	20.61	2.72
6	-8	3	454.97	23.89
6	-8	4	49.84	4.66
6	-8	5	52.13	6.35
6	-8	6	42.38	5.86
6	-6	-6	-0.50	1.11
6	-6	-5	13.69	1.18
6	-6	-4	235.01	9.81
6	-6	-3	238.70	13.60
6	-6	-2	28.41	1.71
6	-6	-1	196.28	7.57
6	-6	0	1.80	0.99
6	-6	1	71.40	3.89

6	-6	2	41.60	2.58
6	-6	3	110.88	4.84
6	-6	4	311.17	14.82
6	-6	5	24.70	2.88
6	-6	6	5.20	5.52
6	-6	7	35.76	5.14
6	-4	-7	111.72	8.88
6	-4	-6	22.75	1.81
6	-4	-5	4.00	0.60
6	-4	-4	81.18	2.34
6	-4	-3	161.04	5.33
6	-4	-2	533.61	18.94
6	-4	-1	2295.37	92.95
6	-4	0	1961.60	68.21
6	-4	1	922.34	38.87
6	-4	2	309.06	9.14
6	-4	3	171.61	6.81
6	-4	4	32.72	1.94
6	-4	5	84.46	3.68
6	-4	6	267.32	15.37
6	-4	7	182.79	12.71
6	-4	8	248.38	27.42
6	-2	-8	8.70	2.48
6	-2	-7	100.20	4.20
6	-2	-6	105.68	5.35
6	-2	-5	44.89	1.74
6	-2	-4	222.31	5.67
6	-2	-3	179.56	4.82
6	-2	-2	353.06	12.03
6	-2	-1	1106.23	29.93
6	-2	0	1018.25	31.27
6	-2	1	249.01	9.78
6	-2	2	95.84	2.94
6	-2	3	108.58	4.38
6	-2	4	310.46	13.04
6	-2	5	11.97	1.18
6	-2	6	213.16	9.64
6	-2	7	37.70	3.32
6	-2	8	24.11	5.01
6	0	-9	1.80	2.39
6	0	-8	7.62	2.32
6	0	-7	-1.69	2.00
6	0	-6	765.08	26.00
6	0	-5	-1.00	0.80
6	0	-3	0.20	0.50
6	0	-2	235.93	6.14
6	0	-1	0.00	1.00
6	0	0	921.73	26.72
6	0	1	0.20	0.40
6	0	2	2149.25	72.32
6	0	3	1.30	0.59
6	0	5	-0.20	0.60
6	0	6	12.32	1.90
6	0	7	1.21	1.10
6	2	-8	4.41	3.02
6	2	-7	131.79	8.50
6	2	-6	100.60	4.81
6	2	-5	44.76	2.14
6	2	-4	219.34	6.81
6	2	-3	190.16	8.00
6	2	-2	384.94	17.27
6	2	-1	1120.91	36.16
6	2	0	998.56	35.39
6	2	1	299.29	20.41

6	2	2	92.16	3.26
6	2	3	107.54	4.36
6	2	4	316.13	14.22
6	2	5	15.13	1.48
6	2	6	216.09	12.05
6	2	7	48.02	3.05
6	4	-8	49.98	5.80
6	4	-7	125.89	8.98
6	4	-6	28.73	3.75
6	4	-5	4.58	1.20
6	4	-4	84.09	3.67
6	4	-3	165.38	7.46
6	4	-2	532.69	20.31
6	4	-1	2293.45	83.33
6	4	0	1986.48	65.07
6	4	1	831.75	35.76
6	4	2	314.71	9.22
6	6	-7	0.79	3.58
6	6	-6	0.71	2.50
6	6	-5	15.60	4.03
6	6	-4	243.36	11.23
6	6	-3	242.42	13.08
6	6	-2	31.02	2.12
6	6	-1	197.68	10.12
6	6	0	1.49	1.29
6	6	1	74.65	4.15
6	6	2	45.56	2.57
6	8	-6	45.70	4.87
6	8	-5	484.44	26.85
6	8	-4	44.36	4.93
6	8	-3	393.63	18.25
6	8	-2	39.94	3.41
6	8	-1	18.06	2.72
6	8	0	16.32	3.31
6	8	1	198.81	8.74
6	8	2	11.83	1.51
6	8	3	419.43	29.08
6	10	-3	51.84	13.82
6	10	-2	13.40	3.51
6	10	-1	39.19	4.88
6	10	0	24.50	4.45
6	10	1	0.40	2.99
6	10	2	13.91	2.91
7	-9	-5	54.46	7.23
7	-9	-4	0.00	1.00
7	-9	-3	1.80	1.80
7	-9	-2	32.83	2.87
7	-9	-1	127.01	8.79
7	-9	0	15.37	2.51
7	-9	1	21.62	4.74
7	-9	2	17.47	11.87
7	-9	3	4.20	2.71
7	-9	4	-0.20	3.12
7	-7	-6	28.30	3.62
7	-7	-5	62.57	6.17
7	-7	-4	247.12	10.69
7	-7	-3	57.91	3.65
7	-7	-2	47.75	2.90
7	-7	-1	7.90	1.57
7	-7	0	82.45	4.18
7	-7	1	27.98	2.22
7	-7	2	20.79	2.64
7	-7	3	36.48	3.50
7	-7	4	123.21	7.77

7	-7	5	10.11	3.31
7	-7	6	23.43	3.10
7	-5	-6	21.81	1.77
7	-5	-5	38.44	1.61
7	-5	-4	268.63	7.87
7	-5	-3	25.70	2.23
7	-5	-2	294.47	10.98
7	-5	-1	46.65	2.46
7	-5	0	65.12	4.20
7	-5	1	18.49	1.38
7	-5	2	316.84	13.88
7	-5	3	65.93	2.92
7	-5	4	56.55	3.16
7	-5	5	30.03	2.96
7	-5	6	31.47	3.14
7	-5	7	-0.40	2.39
7	-3	-8	25.10	4.31
7	-3	-7	24.70	1.99
7	-3	-6	88.17	3.57
7	-3	-5	28.84	1.93
7	-3	-4	157.00	4.01
7	-3	-3	100.40	3.41
7	-3	-2	320.41	7.88
7	-3	-1	33.76	3.14
7	-3	0	3498.72	115.93
7	-3	1	281.57	8.39
7	-3	2	187.96	5.76
7	-3	3	36.36	1.93
7	-3	4	10.18	1.08
7	-3	5	246.49	10.99
7	-3	6	211.41	12.21
7	-3	7	102.62	7.09
7	-3	8	23.52	3.01
7	-1	-8	59.44	6.17
7	-1	-7	55.20	2.67
7	-1	-6	96.04	4.70
7	-1	-5	213.74	8.19
7	-1	-4	258.24	6.75
7	-1	-3	598.29	14.19
7	-1	-2	72.08	3.74
7	-1	-1	16.89	1.48
7	-1	0	136.19	3.73
7	-1	1	140.66	4.03
7	-1	2	187.14	5.75
7	-1	3	120.34	3.95
7	-1	4	23.72	1.17
7	-1	5	2.10	0.90
7	-1	6	45.43	2.97
7	-1	7	2.19	1.10
7	1	-8	47.20	5.36
7	1	-7	66.42	5.05
7	1	-6	99.60	4.19
7	1	-5	209.96	7.53
7	1	-4	258.24	7.71
7	1	-3	624.00	17.99
7	1	-2	66.91	2.94
7	1	-1	17.98	1.87
7	1	0	144.96	4.09
7	1	1	139.00	4.72
7	1	2	187.96	6.03
7	1	3	124.10	3.79
7	1	4	23.81	0.98
7	1	5	2.99	0.42
7	1	6	46.51	3.14

7	1	7	7.78	3.52
7	3	-8	29.27	5.19
7	3	-7	36.97	4.50
7	3	-6	98.80	6.56
7	3	-5	30.91	1.89
7	3	-4	166.41	7.22
7	3	-3	114.49	5.99
7	3	-2	323.28	13.66
7	3	-1	31.25	1.57
7	3	0	3523.61	146.03
7	3	1	291.73	8.20
7	3	2	178.22	5.34
7	3	3	36.84	1.34
7	5	-7	12.60	4.33
7	5	-6	19.62	2.92
7	5	-5	42.64	4.31
7	5	-4	276.22	11.97
7	5	-3	23.52	2.13
7	5	-2	279.89	19.41
7	5	-1	43.16	1.97
7	5	0	67.24	2.95
7	5	1	17.22	1.33
7	5	2	328.33	11.60
7	7	-6	25.81	4.57
7	7	-5	78.50	5.32
7	7	-4	266.67	15.68
7	7	-3	68.06	5.45
7	7	-2	51.27	4.01
7	7	-1	6.50	1.89
7	7	0	86.49	4.84
7	7	1	32.95	1.95
7	7	2	19.71	1.51
7	7	3	43.82	1.99
7	9	-5	60.37	6.06
7	9	-4	-1.21	2.90
7	9	-3	0.10	4.65
7	9	-2	33.41	4.28
7	9	-1	124.32	9.81
7	9	0	16.08	2.73
7	9	1	11.90	3.31
7	9	2	16.08	2.57
8	-10	-3	3.80	3.12
8	-10	-2	18.49	4.13
8	-10	-1	7.90	2.59
8	-10	0	34.81	4.01
8	-10	1	10.18	3.70
8	-10	2	4.41	2.60
8	-10	3	8.53	3.50
8	-8	-5	421.89	45.60
8	-8	-4	28.73	3.54
8	-8	-3	36.24	2.65
8	-8	-2	7.40	1.52
8	-8	-1	91.78	8.05
8	-8	0	58.83	4.14
8	-8	1	190.72	15.19
8	-8	2	77.09	4.74
8	-8	3	158.00	9.80
8	-8	4	20.43	2.98
8	-8	5	9.00	2.52
8	-6	-6	14.90	1.70
8	-6	-5	26.63	1.65
8	-6	-4	3.88	1.38
8	-6	-3	533.15	27.25
8	-6	-2	55.06	2.97

8	-6	-1	36.48	2.42
8	-6	0	16.00	1.52
8	-6	1	129.05	5.00
8	-6	2	235.93	9.22
8	-6	3	425.18	21.03
8	-6	4	95.45	8.01
8	-6	5	99.60	6.59
8	-6	6	5.71	2.72
8	-6	7	16.56	3.99
8	-4	-7	50.69	3.84
8	-4	-6	8.53	0.99
8	-4	-5	2.79	0.70
8	-4	-4	18.92	1.04
8	-4	-3	111.94	4.44
8	-4	-2	1354.24	57.41
8	-4	-1	199.66	8.48
8	-4	0	171.87	5.77
8	-4	1	460.10	14.59
8	-4	2	60.68	3.43
8	-4	3	167.18	6.21
8	-4	4	139.71	6.15
8	-4	5	731.16	35.69
8	-4	6	877.94	62.22
8	-4	7	360.24	23.54
8	-2	-8	11.70	2.60
8	-2	-7	6.71	1.09
8	-2	-6	2.79	1.00
8	-2	-5	63.04	2.86
8	-2	-4	28.41	1.39
8	-2	-3	42.51	1.17
8	-2	-2	133.86	3.70
8	-2	-1	382.20	10.17
8	-2	0	101.81	3.23
8	-2	1	240.87	9.00
8	-2	2	425.60	16.50
8	-2	3	309.06	10.20
8	-2	4	1.10	1.20
8	-2	5	30.14	2.85
8	-2	6	112.15	5.30
8	-2	7	27.14	2.40
8	0	-8	257.28	18.93
8	0	-7	-2.10	2.41
8	0	-6	1096.27	35.10
8	0	-5	0.10	0.71
8	0	-4	1158.72	32.00
8	0	-3	0.59	0.49
8	0	-2	27.98	1.38
8	0	-1	-0.59	0.69
8	0	0	2091.23	74.08
8	0	1	-0.50	0.50
8	0	2	5757.77	295.93
8	0	3	-0.10	0.61
8	0	4	92.93	4.05
8	0	5	0.20	0.70
8	0	6	43.56	2.11
8	0	7	-0.79	1.00
8	2	-8	12.60	3.27
8	2	-7	10.63	3.13
8	2	-6	1.59	1.49
8	2	-5	68.06	3.13
8	2	-4	30.91	1.67
8	2	-3	46.24	2.04
8	2	-2	136.66	8.18
8	2	-1	393.63	13.09

8	2	0	108.16	3.12
8	2	1	249.64	9.16
8	2	2	408.85	16.98
8	2	3	314.35	19.15
8	2	4	1.39	0.90
8	2	5	30.91	2.11
8	2	6	119.90	6.13
8	4	-8	26.63	5.78
8	4	-7	57.30	6.06
8	4	-6	11.22	2.68
8	4	-5	5.02	1.79
8	4	-4	17.47	2.01
8	4	-3	122.54	5.76
8	4	-2	1287.37	67.45
8	4	-1	201.92	11.08
8	4	0	165.89	6.96
8	4	1	451.56	21.25
8	4	2	64.16	2.56
8	4	3	182.79	5.41
8	6	-7	2.19	4.29
8	6	-6	26.01	4.08
8	6	-5	33.99	3.61
8	6	-4	7.40	4.41
8	6	-3	542.89	26.10
8	6	-2	55.95	3.44
8	6	-1	37.09	2.31
8	6	0	17.98	1.78
8	6	1	112.57	6.79
8	6	2	246.49	9.11
8	6	3	450.29	14.01
8	8	-5	431.39	25.75
8	8	-4	65.45	9.87
8	8	-3	37.45	3.92
8	8	-2	19.62	4.43
8	8	-1	80.28	6.45
8	8	0	58.06	5.03
8	8	1	195.72	13.43
8	8	2	57.61	4.86
8	8	3	160.78	11.41
8	10	-3	3.80	3.59
8	10	-2	18.06	5.18
8	10	-1	8.70	3.42
8	10	0	34.46	4.93
8	10	1	13.10	3.19
9	-9	-4	4.28	2.19
9	-9	-3	2.89	2.11
9	-9	-2	2.31	2.61
9	-9	-1	11.49	2.58
9	-9	0	28.30	3.62
9	-9	1	11.49	2.37
9	-9	2	4.20	2.58
9	-9	3	7.08	5.00
9	-9	4	0.90	3.91
9	-7	-6	82.63	10.36
9	-7	-5	69.39	4.83
9	-7	-4	24.01	2.25
9	-7	-3	7.02	1.48
9	-7	-2	14.21	1.58
9	-7	-1	35.64	2.63
9	-7	1	20.43	2.53
9	-7	2	77.26	5.98
9	-7	3	39.44	3.14
9	-7	4	26.11	2.86
9	-7	5	7.29	2.92

9	-7	6	4.58	3.38
9	-5	-7	3.80	3.00
9	-5	-6	4.28	1.20
9	-5	-5	2.31	0.61
9	-5	-4	429.32	17.40
9	-5	-3	100.60	4.21
9	-5	-2	89.11	3.96
9	-5	-1	347.45	12.68
9	-5	0	41.47	2.32
9	-5	1	164.10	7.43
9	-5	2	14.52	1.60
9	-5	3	187.42	6.57
9	-5	4	210.54	11.03
9	-5	5	24.80	2.79
9	-5	6	57.46	3.64
9	-5	7	24.11	4.42
9	-3	-8	39.19	5.76
9	-3	-7	12.18	3.42
9	-3	-6	275.56	11.29
9	-3	-5	7.29	1.30
9	-3	-4	50.13	1.56
9	-3	-3	140.42	5.69
9	-3	-2	491.07	13.74
9	-3	-1	390.06	11.06
9	-3	0	1191.63	37.97
9	-3	1	95.45	6.84
9	-3	2	151.29	5.17
9	-3	3	112.36	4.45
9	-3	4	3.69	1.19
9	-3	5	98.41	5.36
9	-3	6	206.78	10.93
9	-3	7	63.04	6.03
9	-1	-8	58.68	8.58
9	-1	-7	36.60	2.90
9	-1	-6	103.02	3.86
9	-1	-5	52.13	2.17
9	-1	-4	121.22	4.40
9	-1	-3	140.90	3.56
9	-1	-2	299.98	7.62
9	-1	-1	67.57	2.96
9	-1	0	154.01	3.72
9	-1	1	133.86	5.09
9	-1	2	287.64	9.84
9	-1	3	183.87	5.42
9	-1	4	27.14	1.56
9	-1	5	9.99	1.07
9	-1	6	22.66	2.48
9	-1	7	6.50	1.27
9	1	-8	66.75	7.03
9	1	-7	46.51	4.36
9	1	-6	104.04	5.10
9	1	-5	57.61	5.31
9	1	-4	127.69	5.20
9	1	-3	142.09	3.81
9	1	-2	293.78	6.86
9	1	-1	72.42	2.55
9	1	0	153.02	4.21
9	1	1	135.96	4.66
9	1	2	285.95	10.15
9	1	3	179.83	6.17
9	1	4	26.32	1.74
9	1	5	9.61	0.81
9	1	6	26.52	2.37
9	3	-8	39.44	6.66

9	3	-7	15.21	2.89
9	3	-6	289.34	14.97
9	3	-5	11.63	1.57
9	3	-4	48.86	2.24
9	3	-3	147.62	5.10
9	3	-2	479.61	18.83
9	3	-1	370.56	16.17
9	3	0	1235.52	36.56
9	3	1	90.63	5.14
9	3	2	143.52	4.31
9	3	3	105.47	3.70
9	3	4	5.62	0.52
9	5	-7	1.99	2.99
9	5	-6	5.90	2.82
9	5	-5	-1.10	2.31
9	5	-4	438.06	25.12
9	5	-3	102.01	5.05
9	5	-2	98.21	4.56
9	5	-1	341.88	14.42
9	5	0	46.24	2.45
9	5	1	152.03	10.36
9	5	2	16.97	1.24
9	5	3	182.79	6.49
9	7	-6	104.24	11.84
9	7	-5	80.28	13.62
9	7	-4	23.14	3.37
9	7	-3	9.80	4.32
9	7	-2	14.36	2.20
9	7	-1	41.60	4.39
9	7	0	82.45	4.36
9	7	1	22.56	1.90
9	7	2	74.82	3.11
9	7	3	46.65	2.05
9	9	-4	8.70	3.01
9	9	-3	7.62	4.20
9	9	-2	2.59	2.29
9	9	-1	16.16	2.97
9	9	0	32.15	3.52
9	9	1	16.32	3.47
9	9	2	9.49	3.33
10	-10	-2	10.89	2.97
10	-10	-1	16.48	3.90
10	-10	0	24.11	3.83
10	-10	1	16.97	3.63
10	-10	2	9.00	3.48
10	-8	-5	24.60	4.27
10	-8	-4	28.84	3.87
10	-8	-3	45.16	4.84
10	-8	-2	15.37	3.37
10	-8	-1	264.71	16.27
10	-8	0	64.16	4.65
10	-8	1	388.09	24.43
10	-8	2	11.42	2.30
10	-8	3	11.63	3.68
10	-8	4	7.78	2.68
10	-8	5	4.71	3.39
10	-6	-6	10.89	1.91
10	-6	-5	18.40	1.46
10	-6	-4	20.52	2.08
10	-6	-3	35.28	2.49
10	-6	-2	29.48	1.85
10	-6	-1	7.67	1.27
10	-6	0	30.03	2.19
10	-6	1	19.01	1.74

10	-6	2	134.33	7.19
10	-6	3	372.49	18.14
10	-6	4	16.16	2.49
10	-6	5	92.35	7.11
10	-6	6	3.31	2.69
10	-4	-7	72.25	6.46
10	-4	-6	18.58	2.24
10	-4	-5	45.97	2.17
10	-4	-4	504.00	18.86
10	-4	-3	562.64	18.98
10	-4	-2	32.95	1.84
10	-4	-1	816.82	29.72
10	-4	0	692.74	22.11
10	-4	1	26.83	9.74
10	-4	2	3.10	1.41
10	-4	3	295.15	11.00
10	-4	4	2014.21	78.99
10	-4	5	320.77	16.48
10	-4	6	454.12	26.85
10	-4	7	8.01	2.72
10	-2	-8	5.02	3.23
10	-2	-7	60.22	3.41
10	-2	-6	5.81	1.21
10	-2	-5	18.84	1.82
10	-2	-4	169.26	4.94
10	-2	-3	81.36	2.16
10	-2	-2	16.40	1.22
10	-2	-1	121.22	3.08
10	-2	0	678.60	19.28
10	-2	1	85.19	3.32
10	-2	2	407.64	13.73
10	-2	3	70.73	3.53
10	-2	4	662.55	21.11
10	-2	5	8.82	1.31
10	-2	6	75.86	4.53
10	-2	7	4.00	2.92
10	0	-8	172.13	22.57
10	0	-7	1.69	1.79
10	0	-6	563.11	22.31
10	0	-5	1.80	1.21
10	0	-4	26.32	1.44
10	0	-3	0.90	0.89
10	0	-2	928.42	25.59
10	0	-1	0.30	0.51
10	0	0	3153.95	95.47
10	0	1	0.40	0.59
10	0	2	1158.72	44.25
10	0	3	2.50	0.79
10	0	4	141.13	4.99
10	0	5	0.30	0.70
10	0	6	0.59	0.89
10	2	-8	2.69	2.79
10	2	-7	59.60	5.56
10	2	-6	9.18	2.30
10	2	-5	21.44	1.67
10	2	-4	172.92	6.05
10	2	-3	84.09	3.67
10	2	-2	19.01	1.13
10	2	-1	129.73	3.64
10	2	0	702.78	41.89
10	2	1	87.98	3.00
10	2	2	375.58	18.22
10	2	3	68.72	3.48
10	2	4	671.85	38.36

10	2	5	8.82	1.31
10	2	6	73.96	5.33
10	4	-7	73.44	9.43
10	4	-6	17.81	3.71
10	4	-5	47.33	3.44
10	4	-4	510.31	18.52
10	4	-3	591.46	24.32
10	4	-2	37.33	3.54
10	4	-1	841.00	25.52
10	4	0	700.13	31.22
10	4	1	30.80	11.32
10	4	2	3.20	0.89
10	4	3	295.50	10.66
10	6	-7	5.29	3.82
10	6	-6	28.30	6.81
10	6	-5	24.40	3.36
10	6	-4	19.18	2.80
10	6	-3	43.56	4.75
10	6	-2	29.05	2.59
10	6	-1	4.20	1.68
10	6	0	27.04	1.87
10	6	1	23.33	2.13
10	6	2	121.66	5.29
10	6	3	388.09	13.40
10	8	-5	32.95	8.61
10	8	-4	33.99	4.90
10	8	-3	51.27	4.87
10	8	-2	11.02	2.39
10	8	-1	254.72	16.60
10	8	0	59.91	4.64
10	8	1	364.05	20.22
10	8	2	13.76	1.78
10	10	-2	28.52	6.73
10	10	-1	16.48	4.63
10	10	0	30.14	6.81
10	10	1	20.61	5.08
11	-9	-4	1.69	2.60
11	-9	-3	17.98	6.53
11	-9	-2	2.69	2.20
11	-9	-1	1.99	2.48
11	-9	0	-1.69	2.39
11	-9	1	12.11	4.11
11	-9	2	9.67	2.67
11	-9	3	16.81	3.69
11	-7	-6	22.00	3.00
11	-7	-5	9.00	3.30
11	-7	-4	27.35	2.93
11	-7	-3	0.40	2.09
11	-7	-2	15.13	2.33
11	-7	-1	16.40	2.51
11	-7	0	97.61	7.90
11	-7	1	95.26	6.83
11	-7	2	20.07	4.03
11	-7	3	1.69	2.11
11	-7	4	42.12	42.06
11	-7	5	8.53	3.62
11	-5	-7	35.64	5.97
11	-5	-6	63.68	4.63
11	-5	-5	66.75	3.43
11	-5	-4	29.70	2.40
11	-5	-3	284.26	14.50
11	-5	-2	19.27	1.67
11	-5	-1	261.15	9.70
11	-5	0	231.95	9.14

11	-5	1	45.43	3.77
11	-5	2	481.80	14.93
11	-5	3	31.47	3.14
11	-5	4	91.58	5.36
11	-5	5	177.69	13.33
11	-5	6	127.92	10.63
11	-3	-8	3.10	3.10
11	-3	-7	10.89	3.10
11	-3	-6	50.27	4.82
11	-3	-5	49.70	2.54
11	-3	-4	172.92	5.26
11	-3	-3	71.74	3.05
11	-3	-2	38.07	1.48
11	-3	-1	8.41	1.91
11	-3	0	328.33	10.51
11	-3	1	117.94	4.78
11	-3	2	68.06	3.63
11	-3	3	206.78	7.48
11	-3	4	12.67	1.42
11	-3	5	108.58	5.21
11	-3	6	1.99	2.09
11	-3	7	2.99	2.21
11	-1	-8	20.16	5.12
11	-1	-7	13.99	2.99
11	-1	-6	11.83	1.58
11	-1	-5	14.06	2.03
11	-1	-4	19.80	2.58
11	-1	-3	5.38	0.88
11	-1	-2	83.72	2.74
11	-1	-1	232.56	8.54
11	-1	0	53.29	1.61
11	-1	1	86.68	4.28
11	-1	2	4.20	0.90
11	-1	3	45.56	2.57
11	-1	4	148.84	5.61
11	-1	5	11.83	1.31
11	-1	6	5.20	2.60
11	-1	7	26.94	2.49
11	1	-8	15.29	3.28
11	1	-7	27.88	4.54
11	1	-6	14.82	2.08
11	1	-5	14.98	1.93
11	1	-4	15.13	1.32
11	1	-3	6.20	1.00
11	1	-2	76.04	2.62
11	1	-1	229.52	6.97
11	1	0	49.84	1.55
11	1	1	83.91	5.13
11	1	2	5.11	0.81
11	1	3	44.09	2.39
11	1	4	148.60	5.61
11	1	5	12.18	0.98
11	1	6	3.69	2.00
11	3	-8	14.90	4.09
11	3	-7	4.80	3.90
11	3	-6	51.55	5.74
11	3	-5	62.09	4.26
11	3	-4	173.71	9.49
11	3	-3	74.13	3.27
11	3	-2	38.19	1.98
11	3	-1	1.39	1.09
11	3	0	337.82	9.19
11	3	1	110.25	3.99
11	3	2	64.16	2.08

11	3	3	218.15	7.98
11	3	4	10.37	0.90
11	3	5	117.94	4.13
11	5	-7	43.16	6.18
11	5	-6	70.56	6.55
11	5	-5	62.88	5.23
11	5	-4	32.95	4.02
11	5	-3	304.85	13.97
11	5	-2	18.92	1.48
11	5	-1	270.60	13.82
11	5	0	235.62	10.74
11	5	1	43.03	3.15
11	5	2	477.42	14.86
11	5	3	32.72	1.49
11	7	-6	43.16	6.44
11	7	-5	14.98	4.02
11	7	-4	27.25	10.96
11	7	-3	-1.69	2.00
11	7	-2	16.16	3.46
11	7	-1	16.00	2.80
11	7	0	96.04	6.27
11	7	1	107.33	6.22
11	7	2	15.76	1.51
11	7	3	4.08	1.09
11	9	-4	6.60	5.19
11	9	-3	22.18	7.44
11	9	-2	4.80	2.80
11	9	-1	3.20	3.40
11	9	0	1.49	2.68
11	9	1	7.90	2.59
12	-8	-4	9.18	2.79
12	-8	-3	59.29	6.16
12	-8	-2	3.31	1.89
12	-8	-1	194.04	10.87
12	-8	0	25.91	2.65
12	-8	1	43.56	5.28
12	-8	2	42.64	3.66
12	-8	3	61.15	12.20
12	-8	4	18.40	4.03
12	-6	-6	5.38	2.27
12	-6	-5	29.27	2.81
12	-6	-4	7.78	2.40
12	-6	-3	30.36	3.31
12	-6	-2	8.12	2.11
12	-6	-1	293.44	14.39
12	-6	0	262.12	11.66
12	-6	1	20.88	4.39
12	-6	2	7.02	1.80
12	-6	3	107.54	6.01
12	-6	4	18.06	2.72
12	-6	5	70.73	4.88
12	-6	6	36.24	5.06
12	-4	-7	17.31	3.49
12	-4	-6	33.76	3.72
12	-4	-5	145.44	6.51
12	-4	-4	16.16	1.77
12	-4	-3	20.34	1.08
12	-4	-2	411.68	15.01
12	-4	-1	45.97	3.66
12	-4	0	94.28	5.05
12	-4	1	317.55	12.47
12	-4	2	1853.30	69.74
12	-4	3	1667.91	62.08
12	-4	4	888.04	45.30

12	-4	5	142.80	8.60
12	-4	6	10.37	2.51
12	-4	7	2.79	2.81
12	-2	-8	9.49	3.08
12	-2	-7	-1.21	2.42
12	-2	-6	32.95	3.21
12	-2	-5	0.10	1.01
12	-2	-4	28.30	1.28
12	-2	-3	135.02	3.95
12	-2	-2	180.10	5.90
12	-2	-1	163.58	5.63
12	-2	0	295.84	9.98
12	-2	1	58.22	3.66
12	-2	2	554.13	17.42
12	-2	3	139.71	5.20
12	-2	4	79.03	3.73
12	-2	5	5.52	1.32
12	-2	6	43.96	2.92
12	-2	7	8.29	2.19
12	0	-8	154.50	21.13
12	0	-7	3.20	2.68
12	0	-6	22.66	2.09
12	0	-5	35.28	13.90
12	0	-4	235.32	8.28
12	0	-3	-0.10	0.81
12	0	-2	1115.56	33.40
12	0	-1	0.59	1.00
12	0	0	1428.84	44.60
12	0	1	0.40	0.69
12	0	2	160.28	7.34
12	0	3	1.69	1.09
12	0	4	25.00	1.50
12	0	5	1.30	1.39
12	0	6	64.64	3.86
12	2	-8	5.29	2.90
12	2	-7	1.99	5.39
12	2	-6	43.96	19.76
12	2	-5	2.19	1.51
12	2	-4	30.25	1.76
12	2	-3	136.19	4.43
12	2	-2	181.44	6.20
12	2	-1	157.00	5.01
12	2	0	302.76	9.05
12	2	1	55.65	2.54
12	2	2	530.84	23.50
12	2	3	139.00	8.96
12	2	4	76.04	4.01
12	2	5	7.62	1.32
12	4	-7	6.92	3.63
12	4	-6	42.12	4.41
12	4	-5	157.75	8.29
12	4	-4	16.97	2.80
12	4	-3	21.44	2.78
12	4	-2	410.87	16.22
12	4	-1	47.20	3.71
12	4	0	96.04	3.14
12	4	1	315.06	10.30
12	4	2	1842.13	66.10
12	4	3	1685.92	64.87
12	4	4	869.66	30.08
12	6	-6	12.53	3.47
12	6	-5	25.30	4.43
12	6	-4	4.58	2.61
12	6	-3	38.32	3.96

12	6	-2	4.08	1.78
12	6	-1	286.29	17.26
12	6	0	245.86	11.60
12	6	1	10.18	2.49
12	6	2	2.40	1.12
12	6	3	107.74	4.36
12	8	-4	2.99	3.60
12	8	-3	66.75	6.37
12	8	-2	0.50	2.61
12	8	-1	203.92	17.42
12	8	0	25.20	3.31
12	8	1	55.65	4.03
12	8	2	43.82	5.16
13	-9	-2	5.90	4.18
13	-9	-1	14.59	3.59
13	-9	0	7.62	2.93
13	-9	1	13.32	3.29
13	-9	2	3.20	3.29
13	-7	-5	2.50	2.81
13	-7	-4	28.84	3.11
13	-7	-3	47.75	4.28
13	-7	-2	53.44	4.24
13	-7	-1	10.50	2.20
13	-7	0	59.14	4.92
13	-7	1	2.10	2.20
13	-7	2	5.02	2.60
13	-7	3	54.91	5.63
13	-7	4	8.29	2.48
13	-7	5	19.27	3.69
13	-5	-6	73.10	7.52
13	-5	-5	12.32	1.83
13	-5	-4	57.46	4.40
13	-5	-3	30.36	2.42
13	-5	-2	6.92	1.89
13	-5	-1	133.63	8.79
13	-5	0	322.92	16.89
13	-5	1	95.26	6.25
13	-5	2	72.93	5.12
13	-5	3	174.24	9.77
13	-5	4	3.10	2.29
13	-5	5	29.38	3.79
13	-5	6	95.65	9.39
13	-3	-7	7.51	2.79
13	-3	-6	12.89	3.02
13	-3	-5	49.00	2.94
13	-3	-4	300.68	10.75
13	-3	-3	39.56	1.76
13	-3	-2	53.14	2.62
13	-3	-1	76.56	5.07
13	-3	0	105.88	4.53
13	-3	1	186.60	6.83
13	-3	2	272.25	10.89
13	-3	3	157.00	6.52
13	-3	4	382.98	18.40
13	-3	5	33.18	3.00
13	-3	6	3.20	1.90
13	-3	7	8.41	2.73
13	-1	-7	28.84	4.62
13	-1	-6	30.25	2.53
13	-1	-5	6.60	1.28
13	-1	-4	45.83	2.03
13	-1	-3	43.43	1.58
13	-1	-2	53.14	2.19
13	-1	-1	70.06	2.51

13	-1	0	371.33	10.79
13	-1	1	58.68	3.06
13	-1	2	118.59	5.01
13	-1	3	9.18	1.21
13	-1	4	41.73	3.75
13	-1	5	19.62	1.86
13	-1	6	77.26	4.39
13	1	-7	30.14	3.73
13	1	-6	41.34	3.99
13	1	-5	8.70	1.48
13	1	-4	43.16	2.50
13	1	-3	46.65	3.01
13	1	-2	55.65	2.24
13	1	-1	74.13	2.93
13	1	0	382.98	10.96
13	1	1	60.06	2.17
13	1	2	118.81	4.80
13	1	3	6.00	1.08
13	1	4	32.72	1.83
13	1	5	15.76	1.27
13	3	-7	16.97	5.19
13	3	-6	18.92	3.13
13	3	-5	57.15	4.08
13	3	-4	315.77	14.57
13	3	-3	38.94	2.37
13	3	-2	58.68	2.45
13	3	-1	72.93	3.93
13	3	0	109.20	4.60
13	3	1	195.16	5.87
13	3	2	275.89	9.30
13	3	3	163.07	6.64
13	3	4	390.46	13.83
13	3	5	33.99	1.98
13	5	-6	90.25	8.93
13	5	-5	8.01	3.00
13	5	-4	54.76	6.36
13	5	-3	30.36	3.75
13	5	-2	6.20	3.39
13	5	-1	129.50	6.60
13	5	0	297.22	15.52
13	5	1	99.20	5.58
13	5	2	71.40	4.06
13	5	3	179.29	7.23
13	5	4	4.08	0.81
13	7	-5	6.20	3.98
13	7	-4	30.25	5.06
13	7	-3	57.46	4.85
13	7	-2	37.58	4.05
13	7	-1	7.90	2.59
13	7	0	54.46	4.58
13	7	1	6.81	2.40
13	7	2	7.29	2.11
13	9	-2	2.31	3.71
13	9	-1	15.68	4.28
13	9	0	5.71	2.92
13	9	1	10.30	2.89
14	-8	-4	2.89	2.89
14	-8	-3	148.35	15.59
14	-8	-2	11.63	2.39
14	-8	-1	87.42	7.29
14	-8	0	7.78	3.79
14	-8	1	14.52	3.12
14	-8	2	56.85	9.80
14	-8	3	33.99	4.08

14	-6	-5	6.10	2.22
14	-6	-4	1.30	2.01
14	-6	-3	14.90	2.78
14	-6	-2	135.72	6.99
14	-6	-1	164.35	12.05
14	-6	0	44.76	3.75
14	-6	1	388.09	17.73
14	-6	2	6.20	2.99
14	-6	3	13.76	2.89
14	-6	4	15.92	3.11
14	-6	5	89.49	7.95
14	-4	-7	23.43	6.00
14	-4	-6	73.96	7.05
14	-4	-5	15.76	1.83
14	-4	-4	91.20	4.97
14	-4	-3	237.47	9.55
14	-4	-2	30.47	2.76
14	-4	-1	209.09	13.88
14	-4	0	606.64	21.67
14	-4	2	1259.54	63.17
14	-4	3	147.87	8.27
14	-4	4	43.96	3.85
14	-4	5	10.82	43.95
14	-4	6	22.00	3.94
14	-2	-7	6.30	4.52
14	-2	-6	22.28	4.15
14	-2	-5	13.03	3.03
14	-2	-4	2.79	1.00
14	-2	-3	29.92	1.75
14	-2	-2	50.98	2.00
14	-2	-1	27.77	1.58
14	-2	0	88.74	4.14
14	-2	1	12.60	1.42
14	-2	2	448.17	16.94
14	-2	3	93.12	3.67
14	-2	4	14.90	1.70
14	-2	5	1.00	1.30
14	-2	6	2.99	2.11
14	0	-7	2.50	2.81
14	0	-6	64.96	5.64
14	0	-5	0.30	1.10
14	0	-4	342.25	15.17
14	0	-3	-1.30	1.30
14	0	-2	831.75	25.38
14	0	-1	1.80	0.91
14	0	0	510.31	14.46
14	0	1	-1.10	1.20
14	0	2	181.44	6.74
14	0	3	1.80	1.50
14	0	4	91.97	4.03
14	0	5	0.20	1.01
14	0	6	323.64	14.03
14	2	-7	7.40	3.81
14	2	-6	7.40	3.37
14	2	-5	14.06	3.08
14	2	-4	0.71	1.31
14	2	-3	30.91	2.11
14	2	-2	49.00	2.24
14	2	-1	37.33	1.83
14	2	0	102.01	3.64
14	2	1	8.53	0.99
14	2	2	463.11	16.36
14	2	3	97.42	5.33
14	2	4	19.71	2.84

14	2	5	3.31	1.71
14	4	-7	42.77	6.15
14	4	-6	79.92	8.22
14	4	-5	16.32	3.07
14	4	-4	99.20	7.17
14	4	-3	219.63	9.78
14	4	-2	40.58	3.18
14	4	-1	267.98	14.41
14	4	0	623.00	20.97
14	4	1	936.36	31.21
14	4	2	1251.74	41.75
14	4	3	149.57	6.11
14	4	4	51.98	2.88
14	6	-5	32.26	54.07
14	6	-4	5.90	4.52
14	6	-3	9.99	3.29
14	6	-2	127.46	11.06
14	6	-1	154.01	11.91
14	6	0	40.58	3.06
14	6	1	381.81	16.02
14	6	2	9.99	2.40
14	6	3	11.90	1.93
14	8	-4	2.31	3.50
14	8	-3	166.93	14.99
14	8	-2	12.67	2.99
14	8	-1	74.30	7.76
14	8	0	12.11	2.99
14	8	1	9.61	2.91
15	-7	-4	7.51	2.90
15	-7	-3	4.88	3.01
15	-7	-2	1.30	2.30
15	-7	-1	89.87	7.20
15	-7	0	33.76	4.42
15	-7	1	25.30	3.32
15	-7	2	40.96	4.48
15	-7	3	8.41	2.78
15	-7	4	-3.80	2.61
15	-5	-6	9.99	3.29
15	-5	-5	8.18	2.12
15	-5	-4	5.90	2.62
15	-5	-3	12.32	2.32
15	-5	-2	200.51	8.50
15	-5	-1	46.51	3.96
15	-5	0	564.06	31.35
15	-5	1	92.74	6.93
15	-5	2	27.04	3.43
15	-5	3	18.84	2.78
15	-5	4	10.18	2.68
15	-5	5	1.30	2.39
15	-3	-7	11.02	3.78
15	-3	-6	4.08	3.39
15	-3	-5	4.49	2.29
15	-3	-4	153.76	7.69
15	-3	-3	18.40	1.46
15	-3	-2	194.60	8.93
15	-3	-1	152.77	7.91
15	-3	0	243.05	10.60
15	-3	1	210.25	9.86
15	-3	2	765.63	33.20
15	-3	3	140.90	6.88
15	-3	4	95.84	5.29
15	-3	5	9.42	2.33
15	-3	6	-1.69	2.60
15	-1	-7	18.66	3.63

15	-1	-6	-0.30	2.41
15	-1	-5	14.90	4.09
15	-1	-4	21.72	1.86
15	-1	-3	55.20	2.67
15	-1	-2	105.06	3.08
15	-1	-1	177.69	6.40
15	-1	0	40.07	2.15
15	-1	1	1.59	1.79
15	-1	2	68.56	4.31
15	-1	3	35.05	2.49
15	-1	4	11.49	3.32
15	-1	5	12.60	1.77
15	-1	6	12.53	2.48
15	1	-7	15.52	4.18
15	1	-6	-0.79	2.69
15	1	-5	8.70	2.71
15	1	-4	22.94	2.11
15	1	-3	54.76	3.26
15	1	-2	105.27	3.90
15	1	-1	186.60	6.56
15	1	0	43.56	1.98
15	1	1	0.40	1.59
15	1	2	70.56	4.03
15	1	3	33.76	2.56
15	1	4	12.60	1.63
15	1	5	13.62	3.32
15	3	-7	8.70	4.19
15	3	-6	13.03	3.68
15	3	-5	6.40	2.58
15	3	-4	149.57	7.58
15	3	-3	21.90	2.71
15	3	-2	207.65	8.36
15	3	-1	171.09	6.02
15	3	0	240.25	8.68
15	3	1	217.86	7.68
15	3	2	824.84	32.17
15	3	3	144.24	6.73
15	3	4	92.54	5.39
15	3	5	11.90	2.07
15	5	-6	13.99	3.81
15	5	-5	15.37	3.06
15	5	-4	8.29	3.28
15	5	-3	12.67	2.71
15	5	-2	197.12	11.23
15	5	-1	40.32	3.30
15	5	0	556.49	30.20
15	5	1	78.32	4.60
15	5	2	26.63	3.10
15	5	3	23.72	2.14
15	7	-4	13.32	4.38
15	7	-3	-0.10	2.73
15	7	-2	0.59	2.79
15	7	-1	83.91	5.86
15	7	0	29.92	2.95
15	7	1	20.98	2.47
15	7	2	38.94	5.24
16	-8	-2	23.43	4.55
16	-8	-1	17.72	3.87
16	-8	0	17.89	4.06
16	-8	1	23.81	13.86
16	-6	-5	7.18	3.11
16	-6	-4	11.83	4.82
16	-6	-3	6.60	2.72
16	-6	-2	3.88	2.88

16	-6	-1	164.87	8.22
16	-6	0	17.64	2.69
16	-6	1	20.07	3.23
16	-6	2	2.79	3.31
16	-6	3	1.49	3.10
16	-6	4	12.18	3.07
16	-4	-6	6.92	3.21
16	-4	-5	10.89	1.98
16	-4	-4	0.40	1.59
16	-4	-3	218.74	10.94
16	-4	-2	283.25	16.49
16	-4	-1	334.16	16.45
16	-4	0	1457.71	61.85
16	-4	1	309.06	18.99
16	-4	2	119.68	6.78
16	-4	3	108.78	7.93
16	-4	4	8.88	2.80
16	-4	5	44.49	5.20
16	-2	-6	0.00	1.00
16	-2	-5	9.49	2.71
16	-2	-4	98.60	5.56
16	-2	-3	164.61	5.39
16	-2	-2	3.31	1.09
16	-2	-1	11.02	1.33
16	-2	0	152.52	7.16
16	-2	1	6.92	2.10
16	-2	2	60.06	3.25
16	-2	3	140.19	9.24
16	-2	4	85.19	7.94
16	-2	5	8.12	2.51
16	-2	6	5.90	3.30
16	0	-7	4.08	3.11
16	0	-6	53.29	4.96
16	0	-5	2.19	1.39
16	0	-4	172.92	11.31
16	0	-3	-0.10	1.32
16	0	-2	108.78	4.59
16	0	-1	0.71	0.91
16	0	0	468.29	12.98
16	0	1	-0.59	1.09
16	0	2	36.00	2.76
16	0	3	4.00	1.80
16	0	4	187.42	9.86
16	0	5	1.39	1.49
16	2	-6	-1.59	3.18
16	2	-5	12.60	2.98
16	2	-4	119.46	6.78
16	2	-3	154.50	6.96
16	2	-2	5.02	1.52
16	2	-1	11.97	1.52
16	2	0	153.02	7.17
16	2	1	7.62	1.38
16	2	2	74.13	3.79
16	2	3	148.60	18.53
16	2	4	89.30	10.58
16	4	-6	6.60	4.63
16	4	-5	9.00	3.30
16	4	-4	-1.80	2.39
16	4	-3	217.27	11.79
16	4	-2	241.18	11.18
16	4	-1	329.06	14.15
16	4	0	1410.00	67.59
16	4	1	301.37	18.05
16	4	2	116.64	6.70

16	4	3	110.25	8.40
16	4	4	7.90	2.08
16	6	-5	2.79	4.88
16	6	-4	2.99	3.29
16	6	-3	3.50	2.92
16	6	-2	1.30	3.31
16	6	-1	164.10	13.83
16	6	0	15.13	2.18
16	6	1	23.43	2.81
16	6	2	1.10	2.71
16	8	-2	23.81	4.98
16	8	-1	20.07	4.12
16	8	0	22.28	10.48
16	8	1	15.76	3.33
17	-7	-3	16.48	4.71
17	-7	-2	48.86	6.15
17	-7	-1	88.74	8.29
17	-7	0	27.56	3.78
17	-7	1	29.48	7.38
17	-7	2	0.71	2.30
17	-5	-5	7.90	2.81
17	-5	-4	1.80	3.19
17	-5	-3	27.35	3.45
17	-5	-2	182.52	11.89
17	-5	-1	126.34	7.19
17	-5	0	40.96	3.97
17	-5	1	116.86	8.43
17	-5	2	11.97	2.63
17	-5	3	50.27	4.54
17	-5	4	12.89	3.02
17	-3	-6	4.80	3.20
17	-3	-5	6.92	3.89
17	-3	-4	138.77	7.77
17	-3	-3	156.00	10.99
17	-3	-2	136.89	10.30
17	-3	-1	105.27	6.36
17	-3	0	288.32	17.66
17	-3	1	70.56	6.89
17	-3	2	10.89	4.22
17	-3	3	35.28	4.04
17	-3	4	6.81	3.60
17	-3	5	47.06	4.80
17	-1	-6	9.67	3.48
17	-1	-5	16.56	3.01
17	-1	-4	22.66	2.19
17	-1	-3	17.72	4.38
17	-1	-2	53.73	2.64
17	-1	-1	27.46	2.10
17	-1	0	117.94	5.86
17	-1	1	1.99	1.30
17	-1	2	99.00	5.77
17	-1	3	60.84	4.37
17	-1	4	107.12	7.04
17	-1	5	30.25	3.30
17	1	-6	10.50	3.89
17	1	-5	23.23	2.89
17	1	-4	29.38	3.79
17	1	-3	8.70	1.71
17	1	-2	55.95	2.99
17	1	-1	25.20	2.31
17	1	0	124.99	5.37
17	1	1	4.80	2.01
17	1	2	84.82	10.32
17	1	3	59.29	6.01

17	1	4	118.16	11.09
17	3	-6	0.71	3.21
17	3	-5	-1.10	2.79
17	3	-4	145.20	11.81
17	3	-3	176.62	11.16
17	3	-2	143.28	11.49
17	3	-1	100.20	5.21
17	3	0	288.32	12.90
17	3	1	60.37	4.66
17	3	2	5.52	1.41
17	3	3	34.46	3.05
17	3	4	9.30	2.07
17	5	-5	6.50	3.62
17	5	-4	14.21	2.87
17	5	-3	32.72	48.16
17	5	-2	165.89	9.53
17	5	-1	110.04	8.81
17	5	0	43.16	3.94
17	5	1	110.25	7.77
17	5	2	15.60	2.21
17	5	3	48.16	4.58
17	7	-3	17.72	4.04
17	7	-2	54.02	5.59
17	7	-1	73.62	7.72
17	7	0	32.95	4.25
17	7	1	33.29	5.65
18	-6	-3	10.30	3.79
18	-6	-2	8.12	3.08
18	-6	-1	59.75	5.57
18	-6	0	8.88	3.10
18	-6	1	6.40	8.91
18	-6	2	20.70	3.28
18	-6	3	8.29	2.71
18	-4	-5	23.62	3.69
18	-4	-4	145.20	8.92
18	-4	-3	148.60	9.02
18	-4	-2	462.25	24.08
18	-4	-1	433.47	27.07
18	-4	0	148.35	7.55
18	-4	1	26.52	5.87
18	-4	2	16.00	2.88
18	-4	3	16.97	2.64
18	-4	4	20.43	3.71
18	-2	-6	1.39	3.19
18	-2	-5	28.94	3.55
18	-2	-4	38.94	4.62
18	-2	-3	25.81	2.03
18	-2	-2	21.16	1.84
18	-2	-1	18.32	3.00
18	-2	0	84.27	6.98
18	-2	1	62.73	4.75
18	-2	2	84.46	4.78
18	-2	3	84.82	5.71
18	-2	4	17.39	3.17
18	-2	5	7.29	2.70
18	0	-6	111.09	13.07
18	0	-5	1.99	2.90
18	0	-4	200.22	9.34
18	0	-3	0.79	1.50
18	0	-2	-0.40	1.20
18	0	-1	-2.10	1.39
18	0	0	163.58	8.70
18	0	1	-1.80	1.39
18	0	2	338.56	15.82

18	0	3	2.40	1.61
18	0	4	102.01	5.66
18	0	5	2.59	2.38
18	2	-6	1.59	4.59
18	2	-5	44.76	5.08
18	2	-4	52.71	6.10
18	2	-3	22.28	3.49
18	2	-2	22.75	2.86
18	2	-1	16.48	2.76
18	2	0	69.72	4.84
18	2	1	61.31	4.07
18	2	2	84.46	5.70
18	2	3	74.65	4.15
18	2	4	20.79	2.74
18	4	-5	74.65	17.28
18	4	-4	137.59	11.03
18	4	-3	158.51	10.58
18	4	-2	457.10	22.66
18	4	-1	441.00	21.42
18	4	0	141.61	8.09
18	4	1	18.58	3.88
18	4	2	6.10	2.22
18	4	3	16.00	3.52
18	6	-3	13.32	5.48
18	6	-2	8.53	4.03
18	6	-1	59.44	5.86
18	6	0	9.92	3.53
18	6	1	3.80	2.61
18	6	2	18.84	3.21
19	-5	-4	119.03	8.51
19	-5	-3	74.13	8.09
19	-5	-2	84.09	6.97
19	-5	-1	50.55	5.55
19	-5	0	-4.20	2.30
19	-5	1	22.94	3.93
19	-5	2	48.44	4.73
19	-5	3	-3.88	2.40
19	-3	-5	21.16	5.34
19	-3	-4	32.95	3.44
19	-3	-3	95.45	5.08
19	-3	-2	181.98	13.22
19	-3	-1	200.51	12.74
19	-3	0	131.33	8.02
19	-3	1	7.51	3.29
19	-3	2	4.20	3.12
19	-3	3	28.73	3.75
19	-3	4	1.69	2.11
19	-1	-5	9.12	3.32
19	-1	-4	107.95	7.90
19	-1	-3	90.82	5.34
19	-1	-2	119.03	5.89
19	-1	-1	26.73	2.27
19	-1	0	169.52	11.46
19	-1	1	2.40	1.89
19	-1	2	136.89	10.53
19	-1	3	144.24	7.69
19	-1	4	20.52	3.53
19	-1	5	9.67	2.99
19	1	-5	14.98	4.41
19	1	-4	113.64	8.53
19	1	-3	109.20	7.73
19	1	-2	142.80	9.32
19	1	-1	38.32	3.96
19	1	0	186.60	9.02

19	1	1	-4.28	1.99
19	1	2	101.81	18.57
19	1	3	107.74	7.47
19	3	-5	23.81	4.59
19	3	-4	31.25	6.04
19	3	-3	93.90	6.01
19	3	-2	188.79	14.01
19	3	-1	186.05	11.73
19	3	0	132.71	7.83
19	3	1	7.18	2.41
19	3	2	7.29	1.78
19	3	3	34.57	5.17
19	3	4	-0.90	2.81
19	5	-4	125.22	11.41
19	5	-3	80.28	7.88
19	5	-2	73.96	7.40
19	5	-1	44.76	4.55
19	5	0	9.80	3.19
19	5	1	24.60	4.66
19	5	2	27.88	4.54
20	-6	-1	10.82	4.01
20	-6	0	16.08	8.66
20	-6	1	13.03	3.54
20	-4	-4	114.06	8.12
20	-4	-3	131.10	11.22
20	-4	-2	206.50	13.80
20	-4	-1	30.69	8.31
20	-4	0	63.68	5.91
20	-4	1	5.11	2.71
20	-4	2	38.94	5.24
20	-4	3	47.47	4.69
20	-2	-5	3.39	3.50
20	-2	-4	28.20	4.25
20	-2	-3	24.21	2.56
20	-2	-2	22.56	2.18
20	-2	-1	18.66	3.02
20	-2	0	63.68	7.34
20	-2	1	1.30	2.39
20	-2	2	10.63	2.93
20	-2	3	8.88	3.28
20	-2	4	7.29	3.02
20	0	-5	-1.49	3.39
20	0	-4	106.30	11.34
20	0	-3	0.30	2.92
20	0	-2	6.81	2.92
20	0	-1	5.81	3.33
20	0	0	129.96	7.75
20	0	1	4.49	2.59
20	0	2	280.90	20.11
20	0	3	1.00	3.00
20	0	4	52.85	4.65
20	2	-5	-2.10	4.41
20	2	-4	27.77	4.64
20	2	-3	31.36	4.70
20	2	-2	22.47	3.70
20	2	-1	16.97	3.30
20	2	0	68.56	6.46
20	2	1	1.00	2.40
20	2	2	11.49	2.92
20	2	3	6.30	3.01
20	2	4	8.41	2.49
20	4	-4	111.94	12.91
20	4	-3	153.76	12.90
20	4	-2	205.35	17.48

20	4	-1	29.05	4.10
20	4	0	55.06	5.19
20	4	1	6.92	3.68
20	4	2	29.81	5.02
20	4	3	40.07	4.94
20	6	-1	3.20	3.11
20	6	0	11.22	4.62
20	6	1	5.02	3.00
21	-5	-2	6.60	3.19
21	-5	-1	6.50	3.62
21	-5	0	7.67	3.88
21	-5	1	6.00	3.18
21	-3	-4	56.85	7.39
21	-3	-3	56.25	4.95
21	-3	-2	75.17	7.11
21	-3	-1	24.50	3.56
21	-3	0	8.01	4.58
21	-3	1	31.02	4.34
21	-3	2	5.38	3.80
21	-3	3	17.14	4.72
21	-1	-4	11.09	3.80
21	-1	-3	43.03	5.64
21	-1	-2	46.24	6.26
21	-1	-1	22.94	2.97
21	-1	0	33.76	3.83
21	-1	1	84.64	6.07
21	-1	2	7.90	2.47
21	-1	3	126.79	10.13
21	1	-4	14.82	8.32
21	1	-3	46.10	6.11
21	1	-2	40.32	5.21
21	1	-1	67.73	55.96
21	1	0	28.30	4.04
21	1	1	89.68	8.33
21	3	-4	49.42	7.45
21	3	-3	57.15	6.80
21	3	-2	76.91	7.37
21	3	-1	20.88	3.66
21	3	0	13.62	3.32
21	3	1	18.06	3.06
21	3	2	1.49	2.68
21	3	3	27.98	4.55
21	5	-2	10.50	3.50
21	5	-1	8.01	3.51
21	5	0	3.20	5.30
21	5	1	4.80	3.50
22	-4	-1	4.71	3.60
22	-4	0	46.65	9.70
22	-4	1	35.88	6.11
22	-2	-3	-2.89	3.98
22	-2	-2	32.95	3.33
22	-2	-1	16.40	3.81
22	-2	0	50.27	5.67
22	-2	1	7.90	4.38
22	-2	2	11.42	3.72
22	0	-3	1.99	5.89
22	0	-2	186.60	21.04
22	0	-1	3.61	4.41
22	0	0	65.93	6.66
22	0	2	263.74	20.79
22	0	3	-1.49	2.68
22	2	-3	18.92	8.00
22	2	-2	43.96	4.91
22	2	-1	15.92	9.42

```
  22   2   0   50.13    5.95
  22   2   1   14.36    3.49
  22   2   2    4.88    4.29
  22   4  -1    4.20    4.71
  22   4   0   32.26    4.66
  22   4   1   29.48    5.43
  23  -1  -2   54.17    5.89
  23  -1  -1    1.30    6.20
  23  -1   0   21.16    3.96
  23  -1   1    9.42    3.99
  23   1  -2   55.80    8.37
  23   1  -1    3.50    4.00
  23   1   0   27.46    6.50
  23   1   1   13.32    3.50
  23   3   0    6.10    6.08
   0   0   0    0.00    0.00
;
_shelx_hkl_checksum   32986
```