

WMAP Cosmological Parameters

Model: wcdm+mnu

Data: wmap9+spt+act+bao

$10^9 \Delta_{\mathcal{R}}^2$	$2.492^{+0.088}_{-0.086}$	H_0	$71.2^{+3.6}_{-3.5}$ km/s/Mpc
$A_{\text{clustered}}$	< 12 (95% CL)	$A_{\text{Poisson}}^{\text{ACT}}$	14.6 ± 2.5
$A_{\text{Poisson}}^{\text{SPT}}$	> 16 (95% CL)	$\ell(\ell+1)C_{220}/(2\pi)$	5752^{+34}_{-35} μK^2
$d_A(z_{\text{eq}})$	14179^{+82}_{-80} Mpc	$d_A(z_*)$	14014^{+82}_{-81} Mpc
$D_v(z=0.57)/r_s(z_d)$	13.65 ± 0.16	η	$(6.028 \pm 0.099) \times 10^{-10}$
k_{eq}	0.01000 ± 0.00022	ℓ_{eq}	140.1 ± 2.3
ℓ_*	$302.06^{+0.44}_{-0.41}$	$\sum m_\nu$	< 0.88 eV (95% CL)
n_b	$(2.476 \pm 0.041) \times 10^{-7}$ cm^{-3}	n_s	$0.9578^{+0.0095}_{-0.0096}$
Ω_b	0.0438 ± 0.0046	$\Omega_b h^2$	0.02205 ± 0.00036
Ω_c	$0.228^{+0.021}_{-0.020}$	$\Omega_c h^2$	$0.1148^{+0.0031}_{-0.0030}$
Ω_Λ	0.718 ± 0.023	Ω_m	0.282 ± 0.023
$\Omega_m h^2$	$0.1423^{+0.0036}_{-0.0037}$	$\Omega_\nu h^2$	< 0.0094 (95% CL)
$r_s(z_d)$	$152.45^{+0.88}_{-0.86}$ Mpc	$r_s(z_d)/D_v(z=0.106)$	0.346 ± 0.011
$r_s(z_d)/D_v(z=0.2)$	0.1870 ± 0.0040	$r_s(z_d)/D_v(z=0.35)$	0.1111 ± 0.0014
$r_s(z_d)/D_v(z=0.44)$	0.0909 ± 0.0010	$r_s(z_d)/D_v(z=0.54)$	$0.07653^{+0.00087}_{-0.00089}$
$r_s(z_d)/D_v(z=0.57)$	$0.07326^{+0.00086}_{-0.00087}$	$r_s(z_d)/D_v(z=0.6)$	$0.07033^{+0.00083}_{-0.00085}$
$r_s(z_d)/D_v(z=0.73)$	0.06058 ± 0.00078	$r_s(z_*)$	$145.75^{+0.78}_{-0.80}$
R	1.763 ± 0.016	σ_8	$0.760^{+0.046}_{-0.047}$
$\sigma_8 \Omega_m^{0.5}$	$0.403^{+0.024}_{-0.023}$	$\sigma_8 \Omega_m^{0.6}$	0.355 ± 0.022
A_{SZ}	< 1.1 (95% CL)	t_0	13.944 ± 0.088 Gyr
τ	0.084 ± 0.012	θ_*	$0.010401^{+0.000014}_{-0.000015}$
θ_*	$0.59591^{+0.00081}_{-0.00086}$ $^\circ$	τ_{rec}	283.2 ± 1.6
t_{reion}	450^{+63}_{-64} Myr	t_*	374695^{+2703}_{-2740} yr
w	$-1.24^{+0.22}_{-0.21}$	z_d	$1019.44^{+0.84}_{-0.82}$
z_{eq}	3276^{+72}_{-71}	z_{rec}	1088.92 ± 0.67
z_{reion}	10.5 ± 1.1	z_*	$1091.85^{+0.61}_{-0.63}$